Vidarbha Bahu-uddeshiya Shikshan Sanstha's

ABHA GAIKWAD-PATIL
College of Engineering

(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)

Mohgaon, Wardha Road, Nagpur - 441 108

An ISO 9001:2008 Certified Institution

SELF STUDY REPORT

Submitted for Accreditation

to

National Assessment and Accreditation Council, Bangalore

Mohgaon, Wardha Road, Nagpur – 441 108 Maharashtra

Website: www.agpce.com	**Mobile:** +91 –8805000935
E-mail: principal@agpce.com	**Tel/Fax:** 0712 – 2240656

March 2017

G | GAIKWAD-PATIL
GROUP OF INSTITUTIONS

NAAC Steering Committee

Vidarbha Bahu-uddeshiya Shikshan Sanstha's

ABHA GAIKWAD-PATIL
College of Engineering

Mohgaon, Wardha Road, Nagpur - 441 108. Tel - 07103-645412, Mob 9763711372
Email-vidarbhabuss@yahoo.co.in   website - www.agpce.com
Approved by AICTE, New Delhi, Govt. Of Maharashtra & Affiliated to RTM Nagpur University
AN ISO 9001:2008 Certified Institution

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Ojaswini Complex,
Gayatri Nagar, IT Park Road,
Nagpur - 440 022
Tel. : 0712 664 8252
Fax : 0712 224 0656

No. AGPCE/2015-16/4673B

Date 12.11.2016

The following committee has been constituted for the preparation of Self Study Report of the Institute for assessment and accreditation by National Assessment and Accreditation Council.

NAAC Steering Committee

Sr. No.	Name of Members	Designation
1.	Dr. Ankush Mankar, Principal	Chairman
2.	Mr. Mukul Pande, Director IT	Member
3.	Mr. S. V. Joshi, Director Finance	Member
4.	Mrs. Anita Wankhede, Registrar	Member
5.	Ms. D. V. Pal, Director, Public Relations	Member
6.	Ms. Pragati Patil, Vice Principal	Member Coordinator

NAAC Co-ordinator
AGPCE, Nagpur

Principal
AGPCE, Nagpur
PRINCIPAL
Abha Gaikwad-Patil College of
Engineering Mohgaon, Nagpur.

SEAL

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Covering Letter of the Principal

Vidarbha Bahu-uddeshiya Shikshan Sanstha's

ABHA GAIKWAD-PATIL College of Engineering

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Nagpur - 440 022
Tel. : 0712 664 8252
Fax : 0712 224 0656

No. AGPCE/2016-17/4883

Date 31.03.2017

Covering Letter

To

The Director,
National Assessment and Accreditation Council,
P. O. Box No. 1075, Nagarbhavi,
Bangalore -560072,
Karnataka, India

Subject – Submission of SSR for 1st cycle of Accreditation

Sir,

I have the honor to submit the Self Study Report of Abha Gaikwad-Patil College of Engineering, Mohgaon, Wardha Road, Nagpur. You are requested to accept the same and oblige.

Nagpur.

Principal.
AGPCE, Nagpur.
PRINCIPAL
Abha Gaikwad-Patil College of
Engineering Mohgaon, Nagpur.

GAIKWAD-PATIL GROUP OF INSTITUTIONS

_____

Internal Quality Assurance Cell

Vidarbha Bahu-uddeshiya Shikshan Sanstha's

ABHA GAIKWAD-PATIL
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Gayatri Nagar, IT Park Road,
Nagpur - 440 022
Tel. : 0712 664 8252
Fax : 0712 224 0656

No. AGPCE/2015-16/4675A   Date 21.07.2016

The following committee has been constituted in respect of quality assurance to sustain and augment quality in all area of academics and administration.

Internal Quality Assurance Cell

Sr. No	IQAC Composition	Name
1.	Chairperson	Dr. Ankush Mankar, Principal
2.	A few senior administrative officers	Mr. Mukul Pande, Director IT
		Mrs. Anita Wankhede
3.	Three to eight teachers	Dr. Rashmi Joshi, Dean Academics
		Mr. Ravi Gulhane
		Ms. Deepali Bhoyar
		Mr. Santosh Singh
		Mr. Gajanan Patle
		Ms. Bushra Khan
		Mr. Ravindra Dharapure
4.	One or two members from the Management	Dr. Mohan Gaikwad, Secretary, Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur
5.	One /two nominees from local society, students and alumni	Dr. M. D. Choudhari, Coordinator Special Task Force, Engineering and Technology RTMNU, Nagpur
		Mr. P. N. Patil, Assit. Prof. BDCE, Sewagram
		Mr. Swapnil Mohare, Mechanical Engineering
		Mr. Shrikant Khadase, CSE
		Ms. Anuradha Gaikwad
		Mr. Ritesh Banpurkar
6.	One of the teacher as the coordinator of the IQAC	Prof. Yogesh Bhute, HoD, CSE Department

Principal
AGPCE, Nagpur
PRINCIPAL
Abha Gaikwad-Patil College o
Engineering Mohgaon, Nagpu

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

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Preface

Abha Gaikwad-Patil College of Engineering, Nagpur was established by Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur in the academic year 2009-10. Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur ascertains the need and importance of technical education with the intention to provide the students with technical education in this part of the state. Students who seek admission to the college hail from villages and helmets from financially lower strata of the society. College is in infancy which has created niche in the field of technical education.

Abha Gaikwad-Patil College of Engineering, Nagpur, approved by All India Council for Technical Education, New Delhi is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The noteworthy feature of the college is that it adheres to the norms and regulations laid down by All India Council for Technical Education, New Delhi and Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and endeavor ardently and earnestly to provide education replete with quality. The college does not receive any financial assistance from the government or any other agency yet the college has been able to render yeoman services to further the cause of technical education. The college owes to the management, the members of the teaching staff, the members of the non-Teaching staff and the students for the accorders own since establishment. This Self Study Report is the outcome of fruitful deliberations and invaluable supportive inputs from the stake holders of the college. There has been whole hearted support, zealous involvement of staff members and arduous involvement of the steering committee in the preparation of the Self Study Report.

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Executive Summary

Abha Gaikwad-Patil College of Engineering, Nagpur located at National Highway No. 7 allures the people who move along the road by its huge and beautiful building. Though in infancy it is reckoned as an important and a prestigious institution which has been serving to empower the peoples and enable them to acquire knowledge and skill for a better tomorrow. There is wonderful fusion of all caste, creed, community and category and the college caters to the educational needs of young men and women from the society at affordable cost.

Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur has espoused the cause of education from 2007 and since then the Foundation Society i.e. Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur has done illustrious work in the field of education. Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur has under its umbrella an international school, Under Graduate Colleges with Post Graduate Courses and Polytechnic Courses. Abha Gaikwad-Patil College of Engineering, Nagpur has taken many strives in the years gone by and under the dynamic leadership of President Dr. Mohan R. Gaikwad, an Academician and administrator par excellence has almost reached the acme of glory and success. Dr. Mohan R. Gaikwad with the dedicated members of the managing committee have played a very vital and decisive role in the metamorphosis of the College and the result of their effort is that the College has acquired social accreditation. The college has been fortunate to have associations with distinguished academicians as the members of Managing Committee, dedicated members of the Teaching and non teaching staff members who have shares in the popularity, achievements and the success of the college.

The remarkable features of AGPCE are integrity, commitment to the mission of chiseling and building the capacities of young pupils. The endeavors of the College are aimed at enabling its students to create their own identity in the society. The Vision of the College is 'To pursue knowledge beyond horizon and create a continuum for coalescence of abilities, skills, rich morals, ethical values, virtues, competence and excellence to enable the students to respond to changing situations and cause and contribute to National Development. With this vision the college has embarked on the mission 'To imbue students with knowledge and wisdom to fetch their aspirations to fruition, to deepen national consciousness and to engineer a dynamic, vibrant, sagacious, self-reliant, skilful and egalitarian society'.

AGPCE offers 03 UG programs namely Mechanical Engineering, Electrical Engineering, Computer Science and Engineering, and 03 PG programs viz. Mechanical Engineering Design, Integrated Power System, Computer Science and Engineering. Besides these programs since the establishment the College in accordance with its mission has provided student centric teaching learning process with emphasis on overall holistic development of the pupil community. The infrastructure of the College is excellent and the ambience of the College is conducive to the teaching learning process. In the spacious building of the College there are elegant classrooms, Laboratories, Tutorial Rooms, Seminar

Halls, Conference Room, IQAC Cell, Spacious Library, Sports and Recreation Centre, Medical Room, Separate Common Rooms for Boys and Girls and other amenities for the students. There is a spacious Canteen in which edibles are provided at affordable price. The College has lush green lawn around its infrastructure. The students of the College have formed forums and professional technical chapters related to their academic programs. Besides academics there is a tremendous enthusiasm amongst the students to participate in non academic and extracurricular activities. There is IQAC Cell in the College in order to ensure the quality in academic as well as non academic programs. The students have good placement and every year the students of the college have brought laurels to the college by achieving awards and prizes in various competition organized by the University and other colleges. The college is proud of the performance of students in academic, cultural, and extracurricular competitions.

The College is aware that mere academic work does not help the student to develop their personality. The College therefore has added several value related programs. The students live in the society and they are always enlightened to cultivate the sense of belonging and play their roles as the part of the society. Through National Service Schemes, the students offer their humble mite   in the service of the society. The college ensures the sensitization of pupils towards nurturing values of self less service and fulfills their responsibilities. In the days gone by the college has passed through the trials and tribulations. The admission scenario is completely changed and though there has been overall decrease in admission too institutes of technical education in the state of Maharashtra AGPCE still hold the banner high.

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CONTENTS

A. PROFILE OF THE INSTITUTION

1. Name and Address of the College:

Name :	Abha Gaikwad-Patil College of Engineering	
Address :	Khasara No. 8/1 PSK 74, Mohgaon, Wardha Road, NH 7, Nagpur	
City :	Pin: 441 108	State : Maharashtra
Website :	www.agpce.com	

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	E-mail
Principal	Dr. A. A. Mankar	0712 - 2240656	8888839868	0712-2240656	principal@agpce.com
Steering Committee Coordinator	Prof. P. N. Patil	0712 - 2240656	8805000935	0712-2240656	v.principal@agpce.com

3. Status of the Institution:

Affiliated College ✓

Constituent College ☐

Any other (specify) ☐

4. Type of Institution:

   a. By Gender

      i   For Men ☐

      ii   For Women ☐

      iii   Co-education ✓

   b. By Shift

      i   Regular ✓

      ii   Day ☐

      iii   Evening ☐

5. It is a recognized minority institution?

Yes ☐

No ✓

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

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6. Sources of funding:

Government	
Grant-in-aid	
Self-financing	√
Any other	

7.

   a. Date of establishment of the college: **01/09/2009**
   b. University to which the college is affiliated /or which governs the college

   (If it is a constituent college) **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.**

   c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
12 (f)	-	Applied through RTM Nagpur University to UGC, New Delhi.
12 (b)	-	

   (Enclose the Certificate of recognition u/s 2 (f) and 12 (b) of the UGC Act)

   d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i	Mechanical Engineering (UG)	01-09-2011	2017-18	F. No. Western/1-446131321/2011/EOA
ii.	Electrical Engineering (UG)	23-08-2010	2017-18	Westen Region, Maharashtra/1-6349161/2010/EOA
iii.	Computer Science & Engineering (UG)	29-07-2008	2017-18	F. No. 06/07/MS/Engg./2008/51

iv.	Mechanical Engineering Design (PG)	19-03-2013	2017-18	F. No. Western/1-1360419152/2013/EOA
v.	Integrated Power System (PG)	19-03-2013	2017-18	F. No. Western/1-1360419152/2013/EOA
vi.	Computer Science & Engineering (PG)	01-09-2011	2017-18	F. No. Western/1-446131321/2011/EOA

(Enclose the recognition/approval letter) Enclosed as Annexure 01

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes ☑   No ☐

If yes, has the College applied for availing the autonomous status?

Yes ☐   No ☑

9. Is the college recognized

a. By UGC as a College with Potential for Excellence (CPE)?

Yes ☐   No ☑

If yes, date of recognition: …………………… (dd/mm/yyyy)

b. For its performance by any other governmental agency?

Yes ☐   No ☑

If Yes, Name of the agency ………………………………..……… and

Date of recognition: …………………………………………… (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location	Urban
Campus area in sq. mts.	20243.800 Sq. Mts.
Built up area in sq. mts.	10,281.65 Sq. Mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

Self Study Report

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Mohgaon, Wardha Road, Nagpur-441 108
_____

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities- 03 Seminar Rooms (150 sq. mts.) and Amphi Theater

- Sports facilities

  - Play ground : **Yes**
  - In-door Sports Room : **Yes**

- Hostel

  - Boys' Hostel : **Yes**
  - Girls' Hostel : **Yes**
  - Working Women's Hostel : **No**

- Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise) : **No**

- Cafeteria : **01**

- Health Centre : **01**

- First Aid : **Yes**

- Inpatient, Outpatient, Emergency care facility : **Yes**

- Ambulance : **No**

Health centre staff –

Qualified Doctor	Full time	Part-time	√
Qualified Nurse	Full time	Part-time	√

_____

- Facilities like banking, post office, book shops : **Available at the Neighborhood**

- Transport facilities to cater to the needs of students and staff : **Yes**

- Animal house : **No**

- Biological waste disposal : **Yes**

- Generator or other facility for management/regulation of electricity and voltage : **Yes**

- Solid waste management facility : **Yes**

- Waste water management : **Yes**

- Water harvesting : **Yes**

12. Details of programmes offered by the college (Give data for current academic year)

Sr. No.	Program Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of Instruction	Sanctioned/ Approved Student Strength	No. of Students Admitted
1	Under-Graduate (B. E.)	Mechanical Engineering	04 Years	H.S.S.C. with Science, MSBTE Diploma in Engineering or Equivalent	English	120	49
		Electrical Engineering				120	82
		Computer Science and Engineering				60	16
2	Post-Graduate (M. Tech)	Mechanical Engineering Design	02 Years	B.E/ B. Tech or equivalent	English	24	18
		Integrated Power System				24	06
		Computer Science and Engineering				18	06

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13. Does the college offer self-financed Programmes?

Yes √   No ☐

If yes, how many? **13**   *Table 2.4 Enrichment Courses for Students in Criterion II*

14. New programmes introduced in the college during the last five years if any?

Yes √   No ☐   Number 2

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (e. g. Physics, Botany, History etc)	UG	PG	Research
Engineering and Technology	1. Computer Science and Engineering	√	√	Nil
	2. Mechanical Engineering	√	√	
	3. Electrical Engineering	√	√	

16. Number of Programmes offered under (Programme means a degree course like B. A., B. Sc, MA, M. Com)
    a.   Annual System   ☐
    b.   Semester System   06
    c.   Trimester System   ☐

17. Number of Programmes with
    a.   Choice Based Credit System   ☐

    b.   Inter/Multidisciplinary Approach   ☐

    c.   Any other (specify and provide details)   **Credit Based System (06)**

18. Does the college offer UG and/or PG programmes in Teacher Education?

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_____

Yes ☐   No ☑

If yes,

a. Year of Introduction of the programme(s) _____(dd/mm/yyyy) and

number of batches that completed the programme ☐

b. NCTE recognition details (if applicable)
Notification No.: - ….……………………………………….
Date: - ………………………….(dd/mm/yyyy) Validity: -
………………………….

c. Is the institution opting for assessment and accreditation of Teacher Education
Programme separately?

Yes ☐   No ☐

19. Does the college offer UG or PG programme in Physical Education?

Yes ☐   No ☑

If yes,

a. Year of Introduction of the programme(s)………………. (dd/mm/yyyy) and number

of batches that completed the programme. ☐

b. NCTE recognition details (if applicable)
Notification No.: ………………………
Date: ………………………… (dd/mm/yyy)   Validity:
………………………

c. Is the institution opting for assessment and accreditation of Physical Education
Programme separately?

Yes ☐   No ☐

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching Staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government	13		18		43		-		-	
Recruited	00		00		24		-		-	
Yet to recruit	13		18		19		-		-	

_____

Sanctioned by the Management/ society or other authorized bodies	02	00	67	30	15
Recruited	02	00	67	30	15
Yet to recruit	00	00	00	00	00

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	*M	*F	*M	*F	*M	*F	
Permanent Teachers- 24							
D.Sc./D.Litt.	00	00	00	00	00	00	00
Ph.D.	00	00	00	00	00	00	00
M. Phil.	00	00	00	00	00	00	00
PG	00	00	00	00	13	11	24
Temporary Teachers-51							
Ph.D.	01	01	00	00	00	00	02
M. Phil.	00	00	00	00	00	00	00
PG	00	00	00	00	29	20	49
Part-Time Teachers-18							
Ph.D.	00	00	00	00	00	00	00
M. Phil.	00	00	00	00	00	00	00
PG	00	00	00	00	11	07	18

22. Number of Visiting Faculty /Guest Faculty engaged with the College. | 18 |

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 2012-13		Year 2013-14		Year 2014-15		Year 2015-16	
	*M	*F	*M	*F	*M	*F	*M	*F
SC	153	84	118	101	140	76	171	77
ST	10	03	07	03	09	02	26	08
OBC	227	72	243	88	278	65	437	89
General	83	25	120	39	142	77	250	90
Others	68	18	48	19	63	20	87	25

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is	345	33	-	-	378
Students from other states of India	04	00	-	-	04
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	**349**	**33**	**-**	**-**	**382**

25. Dropout rate in UG and PG (average of the last two batches)

UG :   **17.60 %**   PG :   **24.09 %**

26. Unit Cost of Education

   (Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

		2015-16	2016-17 (Provisional)
a)	**including the salary component**	**Rs. 1,30,517.00**	**Rs. 1,36,703**
b)	**excluding the salary component**	**Rs. 37,557**	**Rs. 39,434**

27. Does the college offer any programme/s in distance education mode (DEP)?

   Yes   [ ]   No   [√]

   If yes,

   a) Is it a registered centre for offering distance education programmes of another University?

   Yes   [ ]   No   [√]

   b) Name of the University which has granted such registration.

   [   ]

   c) Number of programmes offered   [   ]

   d) Programmes carry the recognition of the Distance Education Council.

_____

Yes ☐   No ☑

28. Provide Teacher-student ratio for each of the programme/course offered

Sr. No.	Programme/Course	Teacher-Student ration
1	B.E.	1:15
2	M. Tech.	1:12

29. Is the college applying for

Accreditation: Cycle 1 ☑   Cycle 2 ☐   Cycle 3 ☐   Cycle 4 ☐

Re-Assessment: ☐

   (Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1:   _____ (dd/mm/yyyy) Accreditation Outcome/Result   _____

Cycle 2:   _____ (dd/mm/yyyy) Accreditation Outcome/Result   _____

Cycle 3:   _____ (dd/mm/yyyy) Accreditation Outcome/Result   _____

   * Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

31. Number of working days during the last academic year: - **270 Days**

32. Number of teaching days during the last academic year : - **210 Days**

   (Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC): **21/07/2016**

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i)   _____ (dd/mm/yyyy)
AQAR (ii)   _____ (dd/mm/yyyy)
AQAR (iii)   _____ (dd/mm/yyyy)
AQAR (iv)   _____ (dd/mm/yyyy)

_____

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

   E-resources:
   - NPTEL & DELNET.
   - Value added courses & Certification for Learning beyond curriculum.
   - MoUs with –
     1. Maharashtra Centre for Entrepreneurship Development, Govt. of Maharashtra, Nagpur

     2. Vidarbha Industries Association (VIA), Nagpur

     3. Butibori Manufacturers Association (BMA), Nagpur

     4. MIDC Industrial Association (MIA), Nagpur

     5. CP & Berar College, Nagpur

B. Criteria Wise Analytical Report

Criteria I: Curricular Aspects

AGPCE has a clear Vision and Mission in keeping with the requirement of the country and world. The college offers B. E. and M.Tech. programmes with emphasizing professional and leadership qualities through its courses that inherently have content embedded into them to promote independent thinking, creativity and technical skills. Since the college is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in respect of the cited programmes the college has to adhere to the syllabi of this programme prescribed by the esteemed university. The affiliation to university doesn't provide flexibility to the college in developing curriculum. Though it is true that no flexibility is available all efforts are made to strengthen and supplement the academic programmes by organizing skill oriented programme and other programmes to increase Employability and Entrepreneurship. Similarly all possible input is put in to make the programmes effective. The Academic programmes are made effective by conducting value added programmes, Workshops, Seminars and Conferences. The college believes that learning sans doing is incomplete and therefore all core courses have corresponding laboratory courses also. This is further supplemented by a substantial dose of project work and industrial exposure. The emphasis on hands-on experience through laboratory and project work ensures high employability of the students as apparent from good rate of campus placement. The field studies, surveys are conducted and all this exercises have help the student secure good ranks in the examination.

As prescribed by the esteemed university the Credit Based System is followed by the college. The college student zealously participate in National Service Scheme, Science Club, Nature Club, Campus Beatification, Sports Activities, Cultural Activities, Forum and Project Activities and work for awareness of the Human Rights and also participate in prevention and control of blindness programmes. In the college there is student welfare and grievance redressal cell. Under this cell the suggestions regarding student welfare are noted and appropriate action is taken. Similarly the complaint and the grievances of the students are immediately addressed by this committee. Since the inception though there have been negligible number of complaints of ragging the Anti- ragging committee is also formed in the college to prevent the incident of ragging.

The students who have passed out have found alumni association and there guidance and cooperation is always sought in programmes and activities conducted by the students. Similarly the college has a well established and structured system of collecting student feedback on all aspects of curriculum design, delivery and effectiveness since its inception. The feedback helps in continues monitor and improvement of teaching learning process.

Criteria II: Teaching, Learning and Evaluation

The process of admission to the college is transparent and the rules and the norms laid down by Directorate of Technical Education (DTE) are followed in respect of admission to the College. The students who pass Higher Secondary Certificate Examination with Science have

to submit their application for admission to the office of Directorate of Technical Education. In the applications the students mention their colleges they want to join in order of preference.   This is called Centralized Admission Process. Directorate of Technical Education allots the Colleges to the students. After that a student comes to the college which has been allotted to him/her and submits application for admission to the allotted college pays the fess and finalizes the admission to the first year of Degree Course. Similarly the students who have their Diploma in Engineering seek admission directly to the Second Year of Degree Course. In this type of admission also Centralized Admission Process is followed. A student starts attending the college. In this admission process all eligible candidates irrespective of caste, creed, and religion are admitted.

After the completion of admission process the quality of learning, outcomes of teaching, and evaluation of teachers' performance is a very important parameter for judging the academic environment of the college.

In AGPCE, the faculty members are competent and committed and supporting pillars of the college. The selection of the members of the teaching staff is made as per the process laid down by University Grants Commission. At the outset student teacher ratio is determined and then the permission of the university is sought for the advertisement of vacancy. Then the University constitutes a selection committee and in the meeting of the selection committee the   eligible candidates on the basis and merit are selected. After the selection orders of appointment are issued to the selected candidates. The selected candidate they join the college. In the college, there are dedicated and devoted teachers who are competent enough to teach the students. An important feature of the teaching learning process in the college is its strict adherence to academic schedule and calendar framed by the esteemed university. Course outlines, lectures schedules, study material, learning objectives and outcomes for each course are made available to the students in advance. In the college, majority of the teachers are selected by selection committee constituted by the selection committee and have been approved by the university. Some teachers have been appointed on ad hoc basis. The college makes all possible efforts to encourage the faculty to develop innovative and effective teaching approaches. The conventional classroom teaching is supplemented by seminars, Projects and dissertation. In this respect the student can opt for choice of subject of their interest. The teachers groom the students. The student is advice to refer the books in the library. In addition to regular lecture delivered by the teachers, Experts, industrialist, visiting lecturers, enlighten the students. In the college, several seminars and workshops have been organized and several distinguished academician as resource person have contributed to the intellectual growth of staff and students. In the college, the teachers are required to maintain academic diaries. The teaching, learning process in the college is student centric and the emphasis is given on over all development of the students.

The examination process in AGPCE is tuned for continues evaluation, transparency, timeliness, objectivity and fearless. Though the final examination is conducted by the esteemed university the Unit Test are periodically conducted by the teachers in the college. After the declaration of the result of the unit test the students are invited to discuss their

examination evaluation by the concerned teacher. In order to make the parents and guardians aware about the academic status and progress of their wards parent- Teachers meeting are regularly held. In this meeting the progress charts of the student are discussed and parents and guardians are enlightened about the evaluation.

Criteria III: Research, Consultancy and Extension

Till this date the college is not recognized as a research center by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur or any other agency. The research and innovation however are integral components of academic activities in every college. In AGPCE therefore a research committee has been constituted to create research culture amongst the student and teachers. The college has submitted proposal to get recognition under 2(f) and 12(b) by University Grant Commission. The college therefore doesn't receive any grant for research in college. In spite of lack of funding the teachers are occupied with their research and they evince the outcome there research through papers in seminars and in conferences and articles in journals. Several teachers of AGPCE have presented papers in Seminar and in conferences and research articles of some teachers have found place in the journals. It is pertinent to note that the expenditure incurred on traveling by a teacher who present his/her research paper in conference/seminar is borne by the management.

The members of the teaching staff are encouraged to involve themselves in consultancy services as subject expert. This consultancy services are offered on honorary basis. The students too are encouraged to participate in the seminars/ Conferences organized elsewhere. The students who present paper in a conference/ Seminar organized at some other place is also given financial assistance by management.

Criteria IV: Infrastructure and Learning Resources

The College has adequate physical infrastructure to facilitated Academic and Non-Academic activities. The campus area is 20243.800 Sq. Mts. and the buildup area is 10,281.65 Sq. Mts The ambience of the college is very good, lush, green lawn surround the building of the college. The building of the college contains 15 Rooms for teaching, 27 Laboratories, 03 Halls for Seminar, a Conference Room, Specious Library with Reading Room, Sports Room, Medical Facility Room, NSS Unit Room, 02 Research Laboratories, 04 Rooms for Workshop, Store and Canteen.

There the college houses a modern central library which has WIFI availability and E-resource access area with desktops, reading area, stack room and internet. Some other facilities which make the campus like more comfortable, safe Hassel free- include Indoor room and recreation room, Central RO water supply, parking facility. 450 computers, a separate cabin for Principal and Vice-Principal, Staff rooms, Separate common rooms for Boys and Girls. The remarkable features to the college are the Amphi Theater in which six hundred students can be addressed. The computers are maintained and upgraded regularly. The security services and cleaning services are outsourced.

Criteria V: Student Support and Progression

As asserted above Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur established Abha Gaikwad Patil College of Engineering, Nagpur with a motto to impart technical education to the pupils who hail from economically backward sections of the society. Though the tuition fee of the college is decided by Fees Regulating Authority (FRA), Mumbai, the college gives several concessions in respect of payment of fees to the students. The students are allowed to make the payment of the fees in installments. Government of India scholarships and concession to economically backward students are given to the students, besides Aakash Scholarship is also given to the deserving students.

It is the strong belief of the management of the college that the college should not only impart education to the students but also strive for the overall development of the students. The college, therefore, conducts soft skills development programs and carrier counseling programs. Special efforts are made to improve the language and communication skills of the students. Similarly sports and games facilities are made available to the students to keep the mind fit. The workshops, seminars, technical festivals and industrial visits are regularly organized. The students who excel in such activities are encouraged by awarding prizes.

The college runs a canteen which provides delicious and hygienic food and snacks at affordable rates. Similarly several female and male students are housed in separate hostels. The college owns a flit of buses for transportation of the students from residence to college and college to residence.

The college has a functional placement cell. Several students have reaped the benefits of the placement cell. Today several students of the college are found to be employed in reputed organizations. Several organizations visit the college every year to select the candidates for various posts in their organizations.

It is submitted that the individual talents are nurtured and channelized through several activities which proves effective in supporting the student's progression right from the day they enter the college to the day they leave the college.

Criteria VI: Governance, Leadership and Management

Abha Gaikwad Patil College of Engineering, Nagpur is not a commercial venture of Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur. The management of the college firmly believes that the development of the nation depends upon the education replete with quality. The members of the management are determined to put in all possible endeavors for the development of the college. The management has opted for collective decision making process. As per college code principal of the college is academic and executive head of the college. In order to enable the principal to take implement the decision in respect of academic and administration of the college as per provision in Maharashtra University Act 1994 Local Managing Committee was formed. The Local Managing Committee consisted of representative of the management, representatives of the teaching and non teaching staff and some distinguished persons from the spheres of education industry, commerce and social

service in the society. Maharashtra University Act 1994 has ceased to be in effect on February 28, 2017. Now the university and the colleges are governed under Maharashtra Public University Act 2016 from March 1, 2017. As per Section 97 of the said act the college development committee has been constituted. The college development committee of AGPCE consists of representatives of the management, representatives of the teaching and non teaching staff, local members from fields of education, industries, research and social service. In college development committee there is a representative of alumni association. Besides the coordinator of internal quality assurance committee of the college, president and secretary of the college student council find place in the committee while principal acts as member secretary of the committee. It is submitted that the Local Managing Committee constituted as per provision in Maharashtra University Act 1994 used to have two meetings in one academic year to discuss and decide academic and administrative matters of the college. The meeting of the College development committee was held in the first week of March 2017.

Though principal is the academic and administrative head of the college, the heads of the departments have been given some powers responsibilities in respect of academic and non academic activities of the college. The forum and the professional technical chapter activities are planned and organized at the instance of heads of the departments. The college also provides freedom to faculties to pursue the academic pursuits of one's own choice. When required, the management provides financial help for organization of the program. The result of all these is that there is highly conductive academic atmosphere in the college.

Criteria VII: Innovative and Best Practices

The college has an eco friendly campus with efficient water harvesting and energy saving mechanism in place. The building of the college has been designed for maximum utilization of natural light and natural cool air. The various committees like campus beautification committee, nature club. Science club have been constituted. The college campus is a plastic free zone and several samplings have been planted in the campus. The cleanliness drive is undertaken.

The college believes that empowerment of youths is essential to face global challenges. The college therefore has introduced several innovations in academics, administrations and academic and non academic activities. The college has been able to implement academic calendar without any deviation since its inception. The efforts are being made to make the administration paperless. The due care is taken regarding the progress of the students and the meeting of parents/guardian, teachers and students are held at regular intervals. In addition to above, AGPCE uses several innovative practices such as augmented emphasis on student's projects, academic and non academic activities, training and placement of the students.

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CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1   State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision: "To pursue knowledge beyond horizon and create a continuum for coalescence of abilities, skills, rich morals, ethical values, virtues, competence and excellence to enable the students to respond to changing situations and cause and contribute to national development".

Mission: "To imbue students with knowledge and wisdom to fetch their aspirations to fruition, to deepen national consciousness and to engineer a dynamic, vibrant, sagacious, self-reliant, skilful and egalitarian society".

Objectives

- To inculcate in students a commitment to the cause of education, excellence, abilities, ethical values and prepare them to respond to the capricious situations and inspire them to contribute to the development of the nation.
- To stimulate constructive activity, innovation, entrepreneurship and sense of belonging.
- To strengthen discipline, activities aimed at research and the overall development of the pupils.
- To convert the students to be part of egalitarian society.
- To create national consciousness in the students.
- To inspire the students to avail of education to enrich knowledge and preserve culture.
- The Vision, Mission and Objectives of the institution are communicated to the students through
    o Brochure and prospectus of the College
    o The hoardings and the boards located at important spots in the campus
    o College orientation program
    o Giving relevant information on the College Website
    o Conducting National Festivals, Birth and Death anniversaries of the leaders of the Country, value added programs, other significant days and events etc.
    o Indoctrination of the students
    o Induction Ceremony of the students
    o Interaction with the parents/Guardians, Alumni.

1.1.2   How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur has provided the curriculum of every branch to the College. The College strictly adheres to the curriculum. The following process is adopted for the effective implementation of the curriculum -

- At the commencement of the semester the syllabus is distributed amongst the teachers of the department by Head of the Department.
- The College provides Academic Dairy to the teacher in which a member of the teaching staff is require furnishing the information related semester wise plan, month wise plan and other relevant information and maintaining the record of lectures delivered and practical's conducted every day. The academic dairy is checked by the Head of Department on every Saturday.
- The Head of the Department conducts the meeting of his / her department after every 15 days to take stock of the syllabus covered, discuss the problems, and if necessary review the action plan.
- A teacher engages extra periods to compensate the periods missed due to leaves, holidays and other reasons.
- The schedule for Unit Test is prepared by the Examination and Evaluation Committee of the College at the commencement of each semester.
- Principal of the College conducts the meeting of the members of the teaching staff periodically and assessed the academic progress of all the departments in the College.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

- The orientation programs and the refresher courses in specific subjects are conducted by Academic Staff College for the teacher of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and the teacher concerned are instructed to participate in the program and courses.
- Some members of the teaching staff are appointed as members of the Board of Studies.
- The College organizes workshops, seminars, and conferences and adequate support is provided by the esteemed University in organization of these workshops, seminars, and conferences.
- The University has the prerogative to introduced changes in syllabi. Whenever a change is introduced in the syllabi the workshops regarding the change in the syllabi is organized by the University.
- Recently Government of Maharashtra has withdrawn Maharashtra University Act 1994 and brought in effect Maharashtra Public Universities Act 2016 from 01 March 2017.
- The provision in the new act considerably differs from the provision in the old

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act. The workshop to enlighten about the provision of the new act was conducted by the University on 21. 03. 2017 and Principals of the Colleges participated in the workshop.

- The semester examinations are conducted in the College by the University and a teacher from other College as Co Officer In charge is appointed by the University. Similarly external examiners are provided by the University for the conduct of practical examination. The University has made it mandatory to the teachers of the College to attend the spot valuation centre of the University for every Semester Examination. The teachers who are assigned this task get adequate remuneration from the University.

1.1.4   Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

- Either the University or any College organizes workshop in regarding a subjects and the teachers of the College participate in the workshops.
- The teachers of different subject have formed association of teachers of their subject or discipline. These associations organize conferences and deliberations are held in respect of all the aspect related to their subjects/ discipline. The teachers of the College participate in these conferences.
- If the need is felt in respect of organization special guest lecturers to supplement the curriculum and regular interaction in the classrooms guest speakers are invited to deliver lectures.
- The goal of effective curriculum delivery is achieved through group discussions, group presentation and students seminar.
- If any change is introduced in any subject where laboratory work is mandatory, the laboratories are updated accordingly.
- The main source of effective curriculum delivery is the books in the library. The efforts are made to procure text books and reference book related to curriculum and there upon provided to the students.
- The Wi-Fi facility is provided in the campus and the internet facility too is available in the College premises.
- The library is digitalized and e-learning resources are made available for the effective curriculum delivery.

1.1.5   How does the institution network and interact with beneficiaries such as industry, research bodies and the University in effective operationalisation of the curriculum?

- AGPCE banks upon guidance of the authorities of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in respect of academic and administration of the College. Whenever need arises the Principal of the College interact with the authority of the University

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- The College has established good repo with various Industries located in vicinity of the College. The students visit different industries and acquire knowledge of operation in the industries. The industrialist and the officer of the industry are always invited by the College to inculcate Entrepreneurship in the students.

- Special efforts are made by the members of the teaching staff to interact with the heads of the research institution and the inputs collected from the interaction and availed the same to supplement what they teach in the classrooms.

1.1.6   What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

- The teaching staff of the college participates in curriculum development of syllabi organized by any college in association with Parent University.

- In the Academic Diary provided to the member of the teaching staff there is a Proforma of Self Assessment Report the teachers submit the report duly filled in at the end of the academic year. Similarly Principal with the help of Head of the Department assesses the performance of the teacher too.

- Few teachers in the College have representation in the Board of Studies. The teachers of the College however are invited as guest speakers by other Colleges.

- The feedback of student is taken at the end of semesters. Similarly periodic feedback of the teachers is taken by heads of the department and by the principal of the College.

1.1.7   Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating University) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

- Yes. The College has established Elegance Department and Finishing School. The curriculum under the purview of affiliated University is implemented in the classrooms while in the Elegance department and Finishing School the programs of personality development are conducted. The teachers try to improve communication skill of the student similarly the students are thought how to appear for interview.

- The curriculum of the Elegance Department and Finishing School is prepared by the members of the teaching staff with the outside experts.

- The members of the teaching staff in the College are trained to conduct the following programmes besides the curriculum prescribed by the University-

1. Core Java	2. IBM Rational Rose	3. C#
4. Oracle	5. MATLAB	6. PhP
7. CAD Pro	8. Auto CAD	9. CREO
10. C++ with PYTHON	11. PLS SCADA	12. CCNA

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- These programs are conducted regularly in the College.

1.1.8   How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

      The achievement of stated objective of the curriculum in course of implementation is analyzed/ ensured through

- Performance of the students in Internal Unit Examination, Test examination and examination conducted by the University.
- Comprehension of the content/subject matter through homework, Assignment, Presentations and the participation of the students during the classrooms.
- Student participation in academic and non academic programs conducted by the College and by the other Colleges and organization.
- Placement of the students.
- The general performance of the students

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1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

- The Parent University does not provide flexibility in syllabus prescribed by the University. AGPCE has offered the following courses

Department	Name of Course	Objective	Duration
Computer Science & Engineering	IBM Rational Rose	To prepare the students to comprehend Object Oriented Unified Modeling Language (UML) software design tool intended for visual modeling and component construction of enterprise level software applications.	45 hours
	Oracle	To provide complete training of the Oracle Database Management System to the students so that they will have a concrete knowledge of DBMS platform for Campus Selection.	
	Core Java	To improve the programming skills of the students on platform independent programming language like Java which is useful for final year project implementation.	
	CCNA	To provide the students with the complete understanding of the computer networking and basic protocol operations so that they would be ready to grab the job opportunities in this area.	
	PhP	To provide training of Web Development and improve their understanding in web page designing.	

Department	Name of Course	Objective	Duration
Mechanical Engineering	Auto CAD	To Prepare the students to have a better understanding of the Front view, Top view, Left and Right hand side view of a given object with visual 2- Dimensional modeling and to make him gain expertise in drafting which he was earlier doing it on drawing sheet.	45 hours
	CAD Pro	To Comprehensively give the students an exposure to the 3-Dimensional modeling and also to give him gain expertise in making a 3-D Model and also to create an assembly of these models. It involves complex objects such as piston and cylinder assembly, Gear assembly and many automobile components with facility of simulation and animation of the working of CAD.	
	CREO	To Comprehensively give the students an exposure to the 3-Dimensional modeling and also to give him gain expertise in making a 3-D Model and also to create an assembly of these models. It involves complex objects such as piston and cylinder assembly, Gear assembly and many automobile components with facility of simulation and animation of the working. With advancement in the changes in software the various commands are made easy, also the facility of the analysis of the structure and assembly showing the stresses and strain and the failure of the object from this analysis known as CAD / CAM / CAE tools.	
Electrical Engineering	MATLAB	To understand and apply the concepts that students would	45 hours

		study in their engineering and also for preparing their final year projects. Also to provide opportunity to improve the field oriented performance in electrical power system circuit design.	
	PLC SCADA	To make students aware about automation process in industries. Since automation is now a backbone to every industrial sector for every business unit in one or the other way, there are enhanced job opportunities and employment options in this segment.	
Elegance	Spoken English and Communication Skills	To train the students to speak English correctly and to develop student language competency and proficiency.	45 hours
Finishing School	Personality Development	To enlighten the students about personality development	45 hours

1.2.2 Does the institution offer programs that facilitate twinning/dual degree? If 'Yes', give details.

- No. The College is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The University does not have provision for dual degree and twinning programs.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

- Range of Core / Elective options offered by the University and those opted by the College

  o The parent University doesn't provide option facility to the students pursuing B.E. programs from First year to Third year. The University However has provided and College has accepted option facility for the VII Semester and VIII Semester.

Department	Sem.	Electives	
Computer Science & Engineering	VII	**Elective I** 1. TCP and IP 2. Advanced Computer Architecture 3. Big Data Analysis & Business Intelligence, 4. Parallel and Network Algorithm	**Elective II** 1. Computational Geometry 2. Mobile Computing 3. Real Time Operating System 4. Software Architecture 5. Mainframe Technologies
	VIII	**Elective III** 1. Pattern Recognition 2. Soft Computing Techniques 3. Optimization Techniques 4. Clustering & Cloud Computing	**Elective IV** 1. Advance Wireless Sensor Network 2. Digital Image Processing 3. Natural Language Processing 4. Digital Forensic
Mechanical Engineering	VII	**Elective I** 1. Automobile Engineering 2. Industrial Robotics 3. Tool Design 4. Power Plant Engineering 5. Synthesis of mechanism 6. Material handling System	NA
	VIII	**Elective II** 1. Refrigeration & Air-Conditioning 2. Finite Element Method 3. Computer Integrated Manufacturing 4. Industrial Fluid Power	**Elective III** 1. Advance I. C. Engine 2. Machine Tool Design 3. Advance Manufacturing Technology 4. Renewable energy sources 5. Mechanical Vibration

		5. Management Information System 6. Stress Analysis	6. Tribology	
Electrical Engineering	VII	**Elective I** 1. IT and It's application in Power System Control 2. Fuzzy logic and neural network 3. Flexible AC transmission system 4. Energy management and Audit	NA	
	VIII	**Elective II** 1. Entrepreneurship Development 2. Digital Signal Processing 3. Power Quality 4. EHV AC and HVDC Transmission	**Elective III** 1. Bio-medical Engineering 2. Advanced Microprocessor Peripherals 3. Power Semiconductor Based Electrical Drives 4. Electrical Distribution System	

- Choice Based Credit System and range of subject options
  - The Parent University has prescribed Credit Based System of examination. The College has accepted the same.
- Courses offered in modular form
  - No course is offered In modular form
- Credit transfer and accumulation facility
  - There is no provision for credit transfer and accumulation facility
- Lateral and vertical mobility within and across programs and courses
  - The engineering diploma can seek direct admission to second year of four year engineering course. The basic qualification to enter into a degree course in engineering is a student who has passed plus two level programs.
- Enrichment courses
  - The College offers one Spoken English and Communication Skill and two Personality developments course.
  - The College offers 6 programs under Engineering discipline the English language is taught to first year student only. The Parent University doesn't provide any other language as a part of syllabus. But imparts necessary

training to student to acquire communication skills and other essential attributes to the students the outcome of the efforts of the College is that the students who leave the College after passing the final examination have improved potential for employability.

1.2.4 Does the institution offer self-financed programs? If 'yes', list them and indicate how they differ from other programs, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

- Yes, the College is an un-aided College and inconsequence all 6 programs of engineering discipline listed below are self financed-

   Graduation (Bachelor of Engineering)
   1. Mechanical Engineering
   2. Electrical Engineering
   3. Computer Science & Engineering

   Post Graduation (Master of Technology)
   1. Mechanical Engineering Design
   2. Integrated Power System
   3. Computer Science & Engineering

- The admission procedure of engineering Colleges in the state of Maharashtra is different from the admission process of Arts, Commerce and Science of Maharashtra. The students seek admission in Arts, Science and Commerce College on merit basis. In the state of Maharashtra, the Directorate of Technical Education has prescribed different process for admission to engineering Colleges. There is a centralized admission process which mandates the students to submit application for admission to Directorate of Technical Education. The student has freedom to mention the names of the Colleges in order of preference. DTE allots a College to the applicant students and then eligible student seeks admission to the allotted College.

- The curriculum is designed by the Board of Study's of the Parent University and after the approval of the Academic Council is implemented in all affiliated Colleges. This procedure is applicable to the college.

- The college is a self finance, but the fee structure of the College is decided by Fees Regulating Authority (FRA).

- As regard the qualification of the teachers it is stated that AGPCE appoints teachers who possess qualification as per norms laid by University Grand Commission and All India Council for Technical Education.

- The teachers are appointed as per the ratio prescribed by All India Council for Technical Education.

- The college gives salary to the teaching staff as per the recommendation of Sixth pay commission.

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- The college follows the leave rules as per the policy of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

1.2.5 Does the College provide additional skill oriented programs, relevant to regional and global employment markets? If 'yes' provide details of such programs and the beneficiaries.

- Yes. The College provides additional skill oriented programs. These programs are relevant to regional and global employment markets. The programs are listed below.

Department	Name of Course	Objective	Duration
Computer Science & Engineering	IBM Rational Rose	To prepare the students to comprehend Object Oriented Unified Modeling Language (UML) software design tool intended for visual modeling and component construction of enterprise level software applications.	45 hours
	Oracle	To provide complete training of the Oracle Database Management System to the students so that they will have a concrete knowledge of DBMS platform for Campus Selection.	
	Core Java	To improve the programming skills of the students on platform independent programming language like Java which is useful for final year project implementation.	
	CCNA	To provide the students with the complete understanding of the computer networking and basic protocol operations so that they would be ready to grab the job opportunities in this area.	
	PhP	To provide training of Web Development and improve their understanding in web page designing.	

Department	Name of Course	Objective	Duration
Mechanical Engineering	Auto CAD	To Prepare the students to have a better understanding of the Front view, Top view, Left and Right hand side view of a given object with visual 2-Dimensional modeling and to make him gain expertise in drafting which he was earlier doing it on drawing sheet.	
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	CREO	To Comprehensively give the students an exposure to the 3-Dimensional modeling and also to give him gain expertise in making a 3-D Model and also to create an assembly of these models. It involves complex objects such as piston and cylinder assembly, Gear assembly and many automobile components with facility of simulation and animation of the working. With advancement in the changes in software the various commands are made easy, also the facility of the analysis of the structure and assembly showing the stresses and strain and the failure of the object from this analysis known as CAD / CAM / CAE tools.	45 hours

Electrical Engineering	MATLAB	To understand and apply the concepts that students would study in their engineering and also for preparing their final year projects. Also to provide opportunity to improve the field oriented performance in electrical power system circuit design.	
	PLC SCADA	To make students aware about automation process in industries. Since automation is now a backbone to every industrial sector for every business unit in one or the other way, there are enhanced job opportunities and employment options in this segment.	45 hours
Elegance	Spoken English and Communication Skills	To train the students to speak English correctly and to develop student language competency and proficiency.	45 hours
Finishing School	Personality Development	To enlighten the students about personality development	45 hours

- The beneficiaries of these programs are the Undergraduate students.

1.2.6   Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice". If 'Yes', how does the institution take advantage of such provision for the benefit of students?

- No. Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur does not allow programs which provide combination of face-to-face and Distance Mode of Education.

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1.3 Curriculum Enrichment

1.3.1   Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programs and Institution's goals and objectives are integrated?

- Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur has the prerogative to design the Curriculum. It is mandatory for all the Colleges affiliated to the University to adopt the Curriculum designed by the University.   The silent feature of the college is that all Academic offering are synchronous with the goals, aims and objectives of the institution. The College ensures that the knowledge imparted to the students is relevant and essential for all round development of the students.

- The members of the teaching staff play important role in helping the students to explore different avenues and using innovative methods. The students and the teachers regularly come together   to discuss amongst themselves to evolve strategies to impart comprehensive knowledge of the subjects taught in the classrooms.

- The traditional chock and talk method is supplemented by CDs, DVDs, PPTs, internet surfing etc. These methods are complimentary to traditional method and these methods are found very useful in teaching and learning process.

- The improvement and enhancement in the teaching process is achieved by organizing lectures of guest speakers, seminars, workshops etc.

- The college spares no efforts to encourage the members of the teaching staff and the students also to participate in the seminars, conferences, workshops etc. the participation in these programs help the teacher and the students to upgrade their information related to prevalent trends in study.

- The Seminars, Workshops, Conferences etc. are organized by different Colleges. The students are encouraged to participate in such intercollegiate competitions. The participation in such events help the students hones various skills.

- The college and all the stakeholders are determined to improve the standards of pupils. Several test, assignments, projects etc. render substantial help in evaluation and assessment progress and process of the students.

- The College conducts the Parent Teachers Meeting periodically.

- The Counseling sessions are conducted for the students who belong to lower financial strata of the student. These sessions are found useful to ignite the aspiration amongst the student.

- The study tours, the fled work, and visits to industrial organizations give experience to the students and the project based work is also given to the student.

- In order to provide extra impetuous to develop the skill several forum activities and chapter activities are organized by the College.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

- Besides the University curriculum the College provides opportunities and continuum for Entrepreneurship.
- The College endures to improve English communication skills of the students. The College wants the students to develop competency and proficiency in communication skill. The College therefore has established Language Laboratory.
- The College has established placement cell to impart aptitude training, resume building, group discussion and interview skill development and other related skill development programs.
- Industrial visits, field trips etc. are organized to supplement the classroom teaching. Similarly alumni of the College are invited to give presentation on carrier opportunities.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

- *Gender Issues: -* The College imparts education to the students of both the sexes. The male students and female students study together in the College in cordial atmosphere. Since the establishment no problem or dispute related to gender came before the authorities of the College.

- *Climate Change: -* The College is located in the city of Nagpur which is the heart of country. The climate here is generally hot with adequate rain and moderate winter. Sometimes the cycle of the nature takes changes and students are enlightened on climate changes. Attempts are made to maintain eco friendly campus.

- *Environmental Education: -* Environmental Science doesn't find a place in the curriculum designed by the parent University. The College however enlightens the students about the various acts related to environment. The College has Nature Club. The Nature Club conducts lectures, seminars and elucidation competition etc. related to environment.

- *Human Rights: -* The College conducts programs every year on International Human Rights Day. An expert is invited to enlighten the students about the Human Rights in the program.

- *Constitution Day: -* Constitution Day is celebrated every year on November 29th. The authorities on constitution are invited to throw light on important aspects of Indian Constitution. Every year on 29th November there is collective reading of the Preamble of the Constitution. The board bearing the preamble has been

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located at the prominent place in the building of the College.

- *ICT: -* The College has LCD enabled classrooms, competent laboratories with internet facility. The programs "Technovoltz", "Ascent", "Zenith", "Acme" etc. organized every year. The programs on Cloud Computing and Virtualization, Internet of Things, Industrial Robotics etc. are organized every year. DELNET facility is also provided in the library of the College for the students and the members of the staff.

1.3.4   What are the various value-added courses/enrichment programs offered to ensure holistic development of students?

- *Moral and ethical values*
  - Through the student's welfare committee and National Service Scheme unit the College instills moral and ethical values amongst the pupils.
  - The College has Campus Beautification Committee. This committee ensures that the College appears clean and beautiful. The blood donation camps are organized twice in a year in collaboration with Blood Banks.
  - The awareness program regarding eye donation too was organized by the College.
  - The NSS volunteers organized several activities for the promotion of moral and ethical values. Similarly National Youth Week is observed from January 12th to 19th every year. In this week eminent speakers are invited to enlighten the students about the life of Swami Vivekanand and the role the youths need to play in the National and Social Development. International Women Day, International Girls Day, Road Safety Day, National Science, Day, World Water Day, International Peace Day, etc also are observed every year.

- *Employable and life skills*
  - The various departments of the College organize the programs which help increase confidence level of the students and other skills which help them secure employment.

- *Better career options*
  - The College organizes career fair every year. Career guidance programs are held every year to enlighten the students about the various career opportunities after the completion of their studies. The College placement cell invites the HR managers and authorities of reputed industries and organizations to interview the students for employment.

- *Community orientation*
  - AGPCE is one of the selected Colleges of the University where National Service Scheme unit is formed. NSS unit of the College is very active in rendering services to the community. NSS students pay visits to different villages and orient the villagers about various issues – AIDS awareness, prevention and control of blindness, importance of exercising, the right suffrage, necessity of education etc.

1.3.5   Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

- The feedback from the students is collected by every department of the College either in formal and informal way and discussion is held regularly on the drawbacks. If it's noticed that certain issues or problems beyond the jurisdiction of head of the department, the issues are referred to principal and the other higher authority concerned.

- After every fortnight Head of the Department conducts meeting with the teachers in the Department and the issues arising from feedback are discussed and decided.
- The feedback on curriculum is taken up by teachers and through Principal presented to the management.
- The alumni provide feedback on results and efforts are made to improve the quality of teaching. In the Parents Teachers Meeting which are held periodically feedback is taken on curriculum performance of teachers and placement opportunities.
- The feedback obtained from various sources is provided to IQAC. Then IQAC gives suggestions to improve quality of teaching to enrich the curriculum.

1.3.6   How does the institution monitor and evaluate the quality of its enrichment programs?

- The college regularly conducts enrichments programs. It is ensured by the authorities of the College and the members of IQAC that academic and non academic activities have relevance to the needs of the present day. Abha Gaikwad-Patil College of Engineering, Nagpur is run by Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur which has team of Directors to monitor and evaluate the quality of institution's enrichment programs.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

- As asserted earlier the college is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. It is the prerogative of the University to design and develop the curriculum. The curriculum prepared by the University is to be accepted as it is by the affiliated College.
- The faculty input is given in Syllabus Reconstruction Workshop.
- The university experts interact with faculty members and students to understand the facilities and teaching learning methodology adopted by the institution.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programs?

- The students and the alumni provide feedback on curriculum. The teachers in the College also give feedback on the basis of their expertise and experience. There feedback is passed to the various academic authorities of the University.
- The students give their feedback on the usefulness and the relevance of the academic programs. The feedback is obtained from the students by heads of the departments and the principal of the College in respect of curriculum aspects informally. The principal issues questionnaire about the curriculum, infrastructure, and the mode of delivery, quality of teaching and relevance of various aspects regarding the College.

1.4.3 How many new programs/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programs?)

Any other relevant information regarding curricular aspects which the College would like to include.

- Yes. The following new programme was introduced by AGPCE during last four years.
  1. Integrated Power System   :   2012-13
  2. Mechanical Engineering Design   :   2012-13
- Since there has been tremendous decrease in number of admissions to
  3. B. E. Information Technology
  4. B. E. Electronics and Communication
  5. B. E. Electronics Engineering
  courses, the College forwarded the proposal for the closure of these courses to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The University gave "No Objection Certificate" for the closure of these courses vides letter number RTMNU/C.S./5195 dated January 23, 2017. On the basis of NOC given by

University, Higher and Technical Education of Maharashtra State also approved the proposal of closure vides letter number TEM-2017/(C.R. 58)/TE-4 dated February 13, 2017. All this has been communicated to All India Council for Technical Education, New Delhi vide the College letter of February 14, 2017. It is aver that the closure will have effect from the academic year 2017-18 and the closure will be in phases. The management has given undertaking to the authorities concern that this action of closure will not cause prejudice to the students who have sought admissions to these courses in the College and the teachers who are employed to teach these courses.

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CRITERION II: TEACHING-LEARNING EVALUATION

2.1 Student Enrollment and Profile

2.1.1   How does the College ensure publicity and transparency in the admission process?

The publicity for the admission is given through

- Advertisement in the news paper
- Information brochure
- Prospectus
- Exhibition of banners in important locality
- Through alumni
- Mouth publicity
- College Website

The transparency in the admission process is ensured through

- Adherence to Centralized Admission Process framed by Directorate of Technical Education, Maharashtra.
- Acceptance of the application for admission received from the students as per the allotment made by Directorate of Technical Education, Maharashtra State.
- The scrutiny of the applications and the documents by the College received before cutoff date.

Preparation of the list of the admitted students

- Display of the notification of the admitted candidate on the College notice board.
- Submission of the list of admitted candidates along with their applications and certificates/testimonials for confirmation to Directorate of Technical Education.
- Closure of admission after the cutoff date.

2.1.2   Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

- The student desirous of admission to first year of Engineering Course must have to pass 10+2 (HSSC) pattern of examination with science.
- The student who posses diploma certificate in Engineering seek direct admission to second year of Engineering.
- It is ensure that the student desirous of seeking admission has passed Common Entrance Test conducted by Government of Maharashtra.
- It is ensured that the application for admission has come through the Centralized Admission Process of Directorate of Technical Education.
- The student is required to submit the online application for admission giving the choice regarding College in order of preference.
- The Directorate of Technical Education declares the merit list of the students along with the name of the allotted College for admission.
- The student submits offline application for admission to the allotted College along

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with required documents/testimonial.

- The admission committee of the College scrutinizes the application and the documents and if found in order publishes the list on the notice board.
- The students on receipt of notice of admission pay the required fees and confirm his/her admission.
- The student desirous of admission to post graduate courses must have appeared for Graduate Aptitude Test in Engineering and must have secured non zero score.
- The students desirous of seeking admission to Post Graduate Course have to go through the process prescribed for the students who seek admission to Undergraduate Course.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the College and provide a comparison with other Colleges of the affiliating University within the city/district.

Table 2.1 (A) Admission Criteria (as per DTE and Parent University)

Courses	Category	Minimum (%)
B. E.	Open	50
	OBC/SC/ST/NT	45
DSY	Open	50
	OBC/SC/ST/NT	45
M. Tech	Open	50
	OBC/SC/ST/NT	45

Table 2.1 (B) Percentage Windows for Admission of Current Academic Session

Courses	Category	Minimum (%)	Maximum (%)
B. E.	Open	60.67	68.33
	OBC/SC/ST/NT	45.33	76.67
DSY	Open	55.35	81.27
	OBC/SC/ST/NT	53.09	85.82
M. Tech	Open	59.42	76.15
	OBC/SC/ST/NT	58.87	81.08

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Table 2.1 (C) Comparison of Percentages for Admission of Current Academic Session with Other Colleges

Courses	BE				DSY				M. Tech			
Categories	OPEN		Categories		OPEN		Categories		OPEN		Categories	
Colleges	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
AGPCE	60.67	68.33	45.33	76.67	55.33	81.27	53.09	85.82	59.42	76.15	58.87	81.80
TGPCET	49.67	77.00	44.67	82.00	51.34	80.76	48.70	84.12	60.04	86.00	56.46	79.76
VMIT	50.67	56.67	44.67	72.00	57.39	80.27	51.64	87.09	NA	NA	NA	NA

- The information in respect of minimum percentage of marks for admission at entry level for the programs furnish above is similar with the minimum percentage of marks at entry level in all Engineering Colleges affiliated to Rashtrasant Tukadoji Maharaj Nagpur University , Nagpur.

- Note:
  AGPCE – Abha Gaikwad-Patil College of Engineering
  TGPCET – Tulsiramji Gaikwad-Patil College of Engineering & Technology
  VMIT – V. M. Institute of Technology
  DSY – Direct Second Year

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

- Yes. The Admission Committee of the College reviews the quality of the students admitted to the College and decides to take necessary step in respect of overall progress of admitted students.
- The students who seek admission to the First Year of Engineering or for the first time are indoctrinated by the Heads of Department.
- Since there is a constant review the admission process has become student friendly and transparent.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion.

- AGPCE uphold its commitment to diversity, access and inclusion and therefore the concession is given to the student who belongs to Socially Backward Classes and economically weaker section of the society.

- *SC/ST and OBC students*
  It is ensured that the deserving, needy and eligible students of SC/ST/OBC categories obtain the benefit of scholarship provided by Government of Maharashtra.

- *Women*

  There is no discrimination between male and female students.

- *Differently abled*

  The class rooms, wash room are made available on the ground floor for Differently abled students. The lift faculty work is in progress.

- *Economically weaker sections*

  The Management of the College offers 'AAKASH Scholarship' to the poor, needy and meritorious students. The Government of Maharashtra pays tuition fees of the students who belong to economically backward community. These students are not required to pay tuition fees to the College.

- *Minority community*

  In the College there is no discrimination on the basis of caste, creed, and religion. There is secular environment in the College and the College ensures that equal opportunities and facilities are provided to all the students.

- *Any other*

  The students who participate in National Service Schemes, Sports, Games and Academic/Non-academic activities get flexibility in attendance.

  The sports gears and kits, track suits, prizes etc. are provided to the students.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase/decrease and actions initiated for improvement.

Table 2.2 Admission Status of UG Courses

Programmes (UG)	Number of applications				Number of students admitted				Demand Ratio			
	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
Mechanical Engineering	117	87	41	121	115	85	38	120	1:0.98	1:0.73	1:0.34	1:1
Electrical Engineering	75	47	13	69	72	43	12	69	1:0.63	1:0.39	1:0.11	1:0.58
Computer Science and Engineering	37	39	02	49	35	36	02	47	1:0.62	1:0.65	1:0.03	1:0.82

Table 2.3 Admission Status of PG Courses

Programmes (PG)	Number of applications				Number of students admitted				Demand Ratio			
	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
M. Tech Mechanical Engineering Design	--	24	24	24	--	24	24	24	NA	1:1	1:1	1:1
M. Tech Integrated Power System	--	24	16	24	--	24	16	24	NA	1:1	1:1	1:1
M. Tech Computer Science and Engineering	18	18	18	18	18	18	18	18	1:1	1:1	1:1	1:1

Trends in Admission:

- The admission for Mechanical Engineering appears to have remain steady.
- The admission to Electrical Engineering appears to have remain steady.
- The admissions for other courses are not encouraging.
- It is observed that during the last four years admissions to Engineering discipline is substantially decreased this is not the case with AGPCE only but the admission scenario all over the state of Maharashtra is dismal.

The decreased in admissions is attributed to indifference of the students to the Engineering discipline.

- The number of admissions to Engineering programs has substantially decreased because after passing Graduate or Post Graduate examination in Engineering the students do not find the suitable jobs.
- There has been mushroom growth of Engineering Colleges in last 10 years. No moratorium has been imposed on growth of Engineering Colleges.

Action initiated for Improvement

- The students are allowed to pay admission and tuition fees in installment.

- The sessions for confidence building, improving communication skills, training students for placements are regularly organized. In order to popularize Engineering education, various exhibition, visit to industry are arranges and workshops and career guidance sessions are organized. The College has also embarked on placement drive.

2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently- abled students and ensure adherence to government policies in this regard?

- At present no differently-abled student has sought to the College. The College however bears in mind the inconvenience of the differently-abled student. Therefore it is proposed to allot rooms on the ground floor for the classes and the examination for the differently-abled students. It is also proposed to commodes in washrooms. The work of elevator installation is in progress. The members of teaching staff and the non teaching staff will give attention to such students.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Yes. The needs of the students in terms of knowledge and skills are assessed before the commencement of the program. This assessment is done in the following manner-

- When the students enter the College for admission, the admission committee peruses all document submitted by the students. The committee notes the marks obtained by the students in qualifying examination. The member of the admission committee enters into discussion in a curdier manner. During the interaction the members of the committee appraise the passion of the students for the course and ascertain the skills possess by the students. The necessary information in respect of academic calendar, the College hours, and the facilities is important to students.
- After the admission the orientation programme is conducted. The orientation programme is followed by induction ceremony.
- As a student seeks admission he or she is given an inside into the facilities and opportunities available for argumentation of the skills.
- If it is found that the knowledge of the students needs to be enhanced bridge courses are conducted.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

Consequent upon assessment of the student by the Teachers before the commencement of academic work and even after during the academic programme the following (Bridge/Remedial/ Add-on/Enrichment Courses are conducted to cope with programmes.

The strategies drawn and deployed by the institution are
- Bridge courses are conducted for lateral entry students.
- The institution conducts remedial classes / tutorial classes for slow learners in

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different subjects to enhance their skills and competence.

- Personality Development programmes are conducted to improve their personality and to motivate them for an innovative and creative mindset.
- English Language Communication Skills is conducted by Elegance and Pro-Excellence faculties to improve English proficiency of the students.
- Industrial visits are arranged to create awareness among student industrial scenario Add-on courses are organized for advanced learners to enhance their learning abilities.

Table 2.4 Enrichment Courses for Students

Name of Course	Objective
IBM Rational Rose	To prepare the students to comprehend Object Oriented Unified Modeling Language (UML) software design tool intended for visual modeling and component construction of enterprise level software applications.
Oracle	To provide complete training of the Oracle Database Management System to the students so that they will have a concrete knowledge of DBMS platform for Campus Selection.
Core Java	To improve the programming skills of the students on platform independent programming language like Java which is useful for final year project implementation.
PHP	To provide training of Web Development and improve their understanding in web page designing.
CCNA	To provide the students with the complete understanding of the computer networking and basic protocol operations so that they would be ready to grab the job opportunities in this area.
Auto CAD	To Prepare the students to have a better understanding of the Front view, Top view, Left and Right hand side view of a given object with visual 2- Dimensional modeling and to make him gain expertise in drafting which he was earlier doing it on drawing sheet.
CAD Pro	To Comprehensively give the students an exposure to the 3-Dimensional modeling and also to give him gain expertise in making a 3-D Model and also to create an assembly of these models. It involves complex objects such as piston and cylinder assembly, Gear assembly and many automobile components with facility of simulation and animation of the working of CAD.
CREO	To Comprehensively give the students an exposure to the 3-Dimensional modeling and also to give him gain expertise in making a 3-D Model and also to create an assembly of these models. It involves complex objects such as piston and cylinder assembly, Gear assembly and many automobile components with facility of simulation and animation of the working. With advancement in the changes in software the various commands are made easy, also the facility of the analysis of the structure and assembly is showing the stresses and strain and the failure of the object from this analysis known as CAD / CAM / CAE tools.

MATLAB	To understand and apply the concepts that students would study in their Engineering and also for preparing their final year projects. Also to provide opportunity to improve the field oriented performance in electrical power system circuit design.
PLC SCADA	To make students aware about automation process in industries. Since automation is now a backbone to every industrial sector for every business unit in one or the other way, there are enhanced job opportunities and employment options in this segment.
C++ with PYTHON	To equipped students with industry oriented programming based on C++ and Python to make them strong candidate of software developer in companies.
Spoken English and Communication Skills	To train the students to speak English correctly and to develop student language competency and proficiency.
Personality Development	To enlighten the students about personality development.

2.2.4 How does the College sensitize its staff and students on issues such as gender, inclusion, environment etc.?

AGPCE is committed to impart holistic education with emphasis on moral and ethical principles

Gender Sensitivity
- The College caters to the need of male and female students.
- There is no discrimination on account of gender.
- International Women's Day and International Girls' day are organize to elucidate the importance and ability of women.
- The rallies are taken by the students and the staffs relating to gender issues such as female feticide and atrocities against the women.
- Workshops are organized in respect of sexual harassment at regular intervals.
- Woman grievance and redressal cell has been established in the College.

Inclusion
- The students studying in the College belong to all strata of the society and principle of equality is applied in respect of all the students.
- Efforts are made by the NSS volunteers to create sensitivity towards all section of society by organizing various activities. Initially sense of belonging is created in the minds of the students and the students convey the message to the people. The visits to Old Age Home, Schools of Blind Students, Orphanage and Schools of Mentally retired students have insure student's empathy toward inclusive growth.

Environment

- Though environmental science as a subject is not taught to the students of the Engineering College to create awareness about environment is created by organizing several activities. These activities include plantation of the Trees, Campus Cleaning Drive and Nature Club Programs. NSS students play leading role in such activities.
- Waste water management.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

The college caters mostly to the needs of education of the students who hail from rural area and financial lower strata of the society yet it is always found that there are advanced learners amongst them. The advanced learners are identified on the basis of their scores in previous examination. The marks scored by the students in unit test, their performance in the class, their presentation and participation in academic and non academic activities in the College are the parameters to identify the advanced learners.

The College leaves no stone unturned to provide an encouragement to advanced learners. They are motivated to involve themselves in research activities, participate in academic and non academic activities, present research paper in Seminars and participate in workshops. Inconsequence it is found that several students of the College have one laurels for the College by their performance in the cited in the activities. If the advanced learners have financial problems the management provides them with financial support thus the advanced learners do not lack behind because of financial hard shift.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The members of the teaching staff monitor the academic performance of the students in classrooms and laboratories. The classes Teachers are interested with the responsibility by keeping the track of academic performance of the students in their class. Similarly other issues relevant to the welfare of the students are dealt with by the class Teachers. The University mandates 75% attendance of the students during one semester. College adheres to this rules and the student who's failed to gain 75% attendance are not allowed for semester examination. The College updates the parents and the guardian about the attendance and the internal assessment marks of their wards either through letters or in parent Teacher meeting. In every semester possible drop out are assessed and the Teachers contact and counsel such student. The dropout rate in the college is appears too tilted toward somewhat big number. The reason for dropout in the College is due to

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change in the residential location, in health and inability of parents living in villages to provide the financial support to their wards. The authorities of the College have taken the issue seriously and are making concerted effort to find a solution to the problem. The effort made by the College to minimize the dropout rate are-

- Providing various Scholarships to deserving students.
- Facility for payment of fee in installments.
- Counseling of the students on the necessity of completion of the program and earning a basic degree.
- Arrangements of free lodging and boarding are made for the students who cannot really afford the lodging and boarding in the city.

2.3 Teaching-Learning Process

2.3.1 How does the College plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

- The College is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and the College adheres to the Academic Calendar released by the University. The Academic Calendar Committee of the College bears the University calendar in mind and plans its own calendar.

- The Academic Calendar is for each semester is prepared by taking Heads of the Departments and the members of the examination committee in confidence. The Academic Calendar prepared by the College contains within itself schedules for internal examinations dates for academic and non academic activities and organization of seminars and workshops.

- At the commencement of each semester course wise and department wise time table is prepared by the Academic Calendar Committee. The syllabus of the department is distributed amongst the Teachers to enable them to prepare lesson plans. These lesson plans are to be recorded in Academic Diaries of the Teachers.

- The unit test, internal examinations and assignments are given to the students by Head of the Department.

- The performance of the students in test and assignments is evaluated for internal marks to be awarded to the students. The Head of the Department with his collogues and the evaluation committee discusses and finalizes the scheme of evaluation.

- As advanced learners are identified, slow learners too need to be identified and a period is to be marked in the academic calendar for the special coaching of the slow learners.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

- Internal Quality Assurance Cell in the College is interested the task of reviewing the programmes in the academic year. This work is done by IQAC without any break to augment the quality of Teaching-Learning process. In order to improve the quality of Teaching-Learning process certain recommendations have been made by the Cell. Some of the majors are-

  o Extensive use of ICT in Teaching-Learning process should be made. IQAC want the Teachers to be motivated to upgrade their knowledge of the subject. In order to upgrade the knowledge of the subject the Teachers should attend workshops orientation programs, the Refresher programmes, Seminars, Conferences and Faculty Development Programme. The Teachers must get themselves involved in the research work.

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- o The Teachers should adopt student centric approach. The lectures of the experts and scholars should be organized. Similarly the Teachers must be encourage to organize Industry Visits, Educational Tours and undertake the research oriented surveys and projects.
- o The Teachers must introspect themselves, do not stop taking exercise and Endeavour conducive environment.
- o The grievances of the students in respect of Teaching Learning Process must be redressed without loss of time.
- o The management must augment facilities related to infrastructure e.g. LCD Projectors, CD's, Laboratory Equipment and e-resources.
- o The libraries of the College should be replete with textbooks, Journals of National and International standard and reference book.

2.3.3 How learning is made more student-centric? Give details on the support structures and systems available for Teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

The teaching methodology adopted by the member of the teaching staff in AGPCE is channelized to provide the students to think beyond the curriculum prescribed by the University. AGPCE has sufficient support system to achieve this. This support system includes-

- Language Laboratory: - Accords help to student achieve proficiency in language.
- Internet and Wi-Fi: - The students of AGPCE are familiar with these facilities and there assignment, Presentation, Topic for Group Discussion, etc., are prepared by using this facilities.

Interactive Learning

The students of the College are involved in interactive learning. Though lecture method is usually adopted for teaching the Teachers of the College make their classes interactive. A Question-Answer method is followed in the course of teaching. Similarly the students are encouraged to participate in group discussion, Field work, Visit to industries and Research Center. They are encouraged to work together on a project and attend guest lectures. Elocution competitions, Session of paper presentation are also conducted.

Collaborative Learning

AGPCE aims at creating Entrepreneurship among the students. Several industrialist, therefore, are invited to the College to create Entrepreneurship amongst the student. The students are taken to industrial establishment to have first hand information of functioning of industry. The College is located in vicinity of industrial area of Butibori and this has proved to be a point of great advantage to the student of the College. Similarly students collectively organize Forum and Chapter programme and whole

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heartedly participate together in programmes like Annual Social Gathering.

Independent Learning

- The students have developed the practice of independent learning.
- The students use e-resources through internet.
- The students read textbooks, Reference book, Journals in the library.
- The students prepare their presentations and assignments.
- The advanced learners help the Teachers to conduct bridge courses.

These are some of the methods of independent learning adopted by the students.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

In the modern education system every College required to nurture critical thinking, Creativity and scientific temper among the student to transform them into lifelong learning and Innovators. The process of acquisition of knowledge is perennial. AGPCE makes all possible efforts to transform the student into lifelong learners and innovators. The methods adopted for this includes-

- The critical thinking, Creativity and Scientific temper are nurture by the College in formal as well as informal manner. In the formal manner the Teacher avails of problem-Solving methods to strengthen the critical thinking. The presentation are made and debate, Group discussion, etc, are conducted in the classrooms similarly case study analysis is also made in the classrooms. The students of 3rd year and Final year of all branches are required to submit their research projects. Similarly after the visit to industry it is mandatory for the students to submit the visit report on the next day to the department. These enable the student to think critically.
- The Academic Year is replied with competition, Exhibition, Workshops, Fests, Guest lectures, activities, etc, these activities are organized under the banner of Forums and Chapters. The committee's viz. Student welfare committee, Campus beatification committee, Nature club, etc. work around the year to develop scientific temper and evince their creativity.
- The articles written by the students and the models and the projects prepared by the students showcase their creativity.
- The students who have joint National Service Scheme involve themselves in activities which develop social awareness, a sense of belonging and feeling of involvement in the task of creating a vibrant, dynamic, sagacious and tolerant society.
- Besides the academic programme prescribed by the University, the students of the college attend the several add-on and certificate courses introduced by the College. The participation in these courses enables the students to think methodically. Similarly the College offers life skill training programme and participation in this programmes develop the practice of critical thinking, and creativity amongst the students.

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2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

- The faculties use software packages and animation tools while teaching.
- Also, more E-learning facilities are provided in the digital library for the benefit of the faculty members.
- NPTEL video courses are also used by faculty members.
- Free Laptop and data cards at subsidized rate to each faculty member.
- LCD projectors are provided in class rooms.
- IEEE, Springer and ASCE link for research paper download in library.
- Institute has subscribed for e-journals and has a good collection of ebooks and are having DELNET facility.
- Efforts are being made for faculty to communicate with students through internet for uploading assignments and lecture notes etc.

In AGPCE the technology and facilities available for effective learning are-
- Total number of computers: - 450.
- Internet bandwidth speed: - 50 mbps
- Computer student ratio: - 1:2.
- Stand alone facility: - CCTV is available in Corporate Office and 3 Computer laboratory and corridor also.
- LAN facility-All laboratories, Office, Library and Staff room are connected through LAN (Gigabyte for backbone and 100 mbps terminal).
- Wi-Fi facility-Five access points are available in College premises.
- Seminar halls supported by multimedia facility.
- Library resources- CD's and DVD's, DELNET, Textbooks, Reference Books, Xerox machine, etc.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

- The members of the teaching staffs and the students of the college are required to attend seminars and participate in the workshops regularly. They are instructed to present papers at University level, State level, National Level and Conferences organized at various themes. The traveling expense of the participants is borne by the management. The Teachers are motivated to participate in faculty improvement programme.

- In order to expose the members of the teaching staff and the students to the advanced level of knowledge and skills, motivation is provided by the management.

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- Exhibitions, Workshops, Expert Lectures by Scholars and Industrialist are organized on regular basis.
- Blended learning in which students are encourage to avail of IT enable tools including PPT's, Video clipping, etc. these exposes the student to creative aspects of leaning.

2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

- The Teachers in the college accord academic support to the students. The help is provided to the students not only in the classrooms and laboratories but the students can interact with the Teachers after the teaching hours the Teachers are always ready to guide the students. The students who are confronted with personal or psycho or social problem confined with the Teachers and the Teachers provide guidance to the students. The Teachers provide guidance to the students in respect of job opportunities.

  - The Teachers in the college act as Mentors to the students.
  - The counseling session held to council the student in respect of Academic, Professional and Personal Problems.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faulty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The following innovative approaches are adopted by the members of teaching staff of AGPCE-

- The Teaching and Learning is supported by ICT.
- The activity based and assignment based methods are adopted by the Teachers.
- The efforts made by the College to encourage the members of the teaching staff to adopt new and innovative approaches include-
- The College has provided all the departments with computer and Internet facility. The LCD and Journal are made available in the library.
- The College has established a Language laboratory. The library of College is replete with the Textbooks, Reference Books and journals.

Impact of innovative practices on student learning-
- The Teachers have adopted new approaches and methods and inconsequence, it is observe that there is development of critical thinking, scientific temper and Creativity amongst the student.

2.3.9 How are library resources used to augment the teaching- learning process?

The members of the teaching staff and staff in library are aware about library resource need to be used to augment the Teaching-Learning process.

- The library is an important aspect of the Teaching-Learning Process.
- Institute has well furnished centralized library equipped with latest books, journals, e-journals, e-resources magazines, spacious reading room and other facilities.
- They can study; prepare seminars, papers and projects using the library resources.
- Students can avail the additional books and references books as per their need to study the regular subject in curriculum, project work, paper presentation, seminars etc.
- Students use tutorials offered by renowned publisher to understand the topic in depth.
- Students are encouraged by faculty to search and study topics beyond the syllabus.
- Display of monthly paper publications by faculty members in library wall magazine.
- Assignments are designed in such a way that students refer the books in the library.
- The library is digitalized, it provide reprographic facilities.
- The Teachers avail of reference book.
- The orientation programmes are conducted every year to enlighten the student about the optimum uses of material kept in the library.
- Students get the books for home issue. Also they have access to reference section and digital library.
- The library recourses are used by the students for effective classroom teaching. The project works, Assignment available in the library are used by the student also in process.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

No. Concerted endeavor are made by the members of the teaching staff to complete the syllabus within the stipulated period. The College so far has not faced any problem in completing the prescribed curriculum within the plan time frame and calendar. This has been possible because the Academic Calendar of the College is planned in keeping in mind a calendar of events prepared by the University. The time table of the College is as per the work load distribution. The work load distribution is made as per the directions issued in the respect of UGC. Sometimes the scheduled teaching work is affected by enforcing circumstance. The teaching work thus affected is compensated by engaging extra classes.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

- The semester wise lesson plan is prepared by the Teachers. The Teachers engages

the lectures accordingly in the Academic Diary the Heads of the Departments checks the dairy on every Saturday.

- After every fort night the review and suggestions taking exercise is done in the meeting of Head of the Department and the staff of the department.
- An analysis of the performance of the students in various examination is made and that reveals the quality of Teaching –Learning.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the College in planning and management (recruitment and retention) of its human resource (qualified and competent Teachers) to meet the changing requirements of the curriculum

Recruitment Strategy

- Since the College has to maintain the ratio of the Teachers as directed by All India Council for Technical Education before the commencement of Academic Year Principal takes review of teaching load of the members of the teaching staff in every department.
- If it is observed that there are some vacancies or requirement of the staff in the department, Principal submits the proposal to University to give NOC to fill the vacant post.
- After the receipt of NOC the advertisement is published in the national news paper.
- In response to advertisement applications for the various posts reach the office of the College.
- The Parent University then constitutes the selection committees for various subjects.
- The meeting of the Selection Committee is held to interview the candidate.
- Then the selection is made on the basis of the performance of the candidate in the interview.
- After the selection the Order of Appointment is issued and the selected candidate is directed to join within the stipulated period.
- As per Order of Appointment the candidate joins the College as a Teacher.

Retention Strategies

- The salary is regularly paid to the Teachers.
- The salary is made as per the 6th pay commission.
- Other facilities like PPF, Transport, etc. are given to the Teachers.
- Concession in the school fees is offered to the children of staff members.

Table 2.5 Recruitment of Teaching Staff

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	NA	NA	NA	NA	NA	NA	NA
Ph.D.	0	0	0	0	0	0	**0**
M. Phil.	0	0	0	0	0	0	**0**
PG	0	0	0	0	13	11	**24**

Temporary Teachers							
Ph.D.	1	1	0	0	0	0	**2**
M. Phil.	0	0	0	0	0	0	**0**
PG	0	0	0	0	29	20	**49**
Part-time Teachers							
Ph.D.	0	0	0	0	0	0	**0**
M. Phil.	0	0	0	0	0	0	**0**
PG	0	0	0	0	11	7	**18**

- The Teachers with high potential for growth are retained and the services of the Teachers whose performance is not found satisfactory are terminated as per the provisions in the statute made by the University.

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

The College has almost requisite number of qualified teachers to deal with the courses. As said earlier the qualified and competent Teachers are appointed as per the requirement of the College. Faculty Development Programs, Workshops, Seminars for Teachers are conducted regularly and attempts are made to motivate the Teachers to pursue further studies. They are also instructed to participate in the seminars and conferences organized by other Colleges and agencies. They are also required to publish articles in research journals and give presentation. In order to enhance the knowledge of the Teacher in emerging areas of study eminent Guest Speaker are invited to deliver lectures in the College. All these activities help the Teacher to achieve competency in the classroom teaching.

Sometimes the scarcity of qualified senior faculty to reach new programs and the emerging areas of study is experienced in such situations qualified senior faculty of other institutions or from industry are invited as Guest Lecturers to teach the students.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the Teacher quality.

a) Nomination to staff development programmes

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Table 2.6 Staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	03
HRD programmes	06
Orientation programmes	03
Staff training conducted by the University	06
Staff training conducted by other institutions	15
Summer / winter schools, workshops, etc.	29

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

Table 2.7 Staff Training

Teaching learning methods/approaches	02 programs are organized every year. In these programs Teachers motivated to use innovative teaching methods in addition to regular chalk talk method. The Teachers are also motivated to give power point presentation using LCD/OHP available in the College.
Handling new curriculum	AGPCE deputes the Teachers for the subject related workshops by other Colleges, other University and other agencies. The sessions of deliberations too organized to give important inputs to Teachers in effective curriculum handling. 02 programs are organized every year.
Content/ knowledge management	The library of AGPCE is replete with necessary resources in response to the changing requirement. The Teachers of the College reap the benefit of digital library. The Delnet and internet facilities have proved to be helpful to the Teachers and students in dealing with emerging areas for content management. So far 06 programs have been organized in the College.
Selection, development and use of enrichment materials	In the last four years 03 programs have been organized for the Teachers and the students to train them regarding selection, development and use of enrichment material. The models, maps, videos etc. serve as a enrichment material.
Assessment	Assessment is an important part in the educational system today. So far 02 programs have been organized in AGPCE in respect of assessment.
Cross cutting issues	The Cross cutting issues include entrepreneurship, health care, human rights, climate change, atrocities, gender etc. the various programs are organized on these cross cutting issues

	by the College. The details of the programs are furnished in the departmental inputs.
Audio Visual Aids/multimedia	So far AGPCE through department of Computer Science and Engineering has organized 04 programs to upgrade the skills of the Teachers for using multimedia resources and digital laboratory.
OER'	OERs programs (03) have been organized by the Department of Computer Science and Engineering for the enhancement of teaching learning process.
Teaching learning material development, selection and use	In view of the necessity of training the Teachers to use ICT for enrichment of knowledge 04 programs so far have been conducted by the College. These have been in house training programs. The Teachers of the College prepare manuals, workbooks etc. are prepare by some members of teaching staff and the students reap the benefit of the same.

c) Percentage of faculty

▪ Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies –

Sr. No.	Name of Department	No. of Faculty
1	Computer Science & Engineering	02
2	Mechanical Engineering	02
3	Electrical Engineering	03

▪ Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies

Sr. No.	Name of Department	No. of Faculty
1	Computer Science & Engineering	13
2	Mechanical Engineering	7
3	Electrical Engineering	9

▪ Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies.

Sr. No.	Name of Department	Percentage
1	Computer Science & Engineering	27
2	Mechanical Engineering	17
3	Electrical Engineering	15

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2.4.4   What policies/systems are in place to recharge Teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The management of AGPCE is always ready to provide the members of teaching staff financial help to attend University level, State Level and National Level Seminars and Conferences. The Teachers are also motivated to present papers in the conferences. The basic research facilities are provided to the members of the teaching staff by the College. The Teachers are encouraged to visit various industrial establishments. The traveling allowance also is borne by the management. The College gives leave to the Teachers to get themselves recharge. The management supports the staff by granting on duty facility. The registration fees paid by the Teachers for attending a conference or workshop are also borne by the College. The College encourages the members of the teaching staff to published articles in research journals. The Teachers are encouraged to undertake study tours. Similarly, the Teachers are allowed by the management to visit reputed institutions to ascertain the methods of teaching. The management of the College encourages the Teacher to visit industries and gain the information about functioning of the industry. These policies/systems are in place to recharge the Teachers.

2.4.5   Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

The Teachers of AGPCE have been acclaimed at various levels for their excellence in teaching during the last four years. There is academic culture and work environment in the College. The academic culture and work environment in the College stimulates the Teachers to purse knowledge and achieve excellence. The atmosphere in the College is very cordial and the staff members collectively work for proficiency. Similarly after the evaluation of examination conducted by the University, a Teacher who is found to have given good result is recognized as the best Teacher by the management of the College and the management gives him/her award/prize.

Table 2.7 Awards and Recognition

Sr. No.	Name of Department	Name of Faculty	Academic Year
1	CSE	Prof. Vijay Bagdi	
2	EE	Prof. Lakshmikant Bopche	2014-15
3	ME	Prof. Ritesh Banpurkar	
4	CSE	Prof. Meenal Bhoyar	
5	EE	Prof. Sneha Tibude	2015-16
6	ME	Prof. Dipali Bhoyar	

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2.4.6 Has the institution introduced evaluation of Teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

- In every College students feedback is important because it tells the management about the performance of the Teacher. In AGPCE, the student feedback is taken regularly to evaluate the efficiency, competency, punctuality and ability of the members of teaching staff in teaching learning process.

- The AGPCE has developed a mechanism to obtain feedback about student in a formal manner. The students give subject wise feedback after every semester in feedback sheets provided to them and are encouraged to give their free and frank opinion about the performance of the Teachers.

- The Principal of the College assesses the results and take necessary action.

- The College has developed other mechanism for obtaining the feedback.

- A suggestion box is fixed near the office and the students drop cheats which contain their opinion about the Teachers and complaint if any. The suggestion box is open regularly and due consideration is given to suggestions made by the students.

- The Principal interacts with the office bearers of the forums and chapters and this interaction helps the Principal get feedback about the performance of the Teacher. The result of the University examinations too evinces the efficiency of the Teachers.

- Thus the evaluation is obtained by different means. This evaluation is taken into consideration and the steps are taken to improve the quality of the Teachers involved in teaching learning process.

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2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The members of the teaching staff and the students are important stake holders of the College. It therefore is essential that the evaluation method must be communicated to the pupils in the classroom during the interaction. During the interaction the students are given to understand the methods of evaluation, how the marks are awarded for various aspects viz, the relevance of the matter, the presentation of the matter and the length of answers. Similarly the quality and the correctness of the language used in the answers are decisive factors.

- The notification and circulars are availed of to inform the evaluation process to the Teachers.
- The information in respect of evaluation received from the University is also communicated to the member of the teaching staff.
- The workshops in respect of evaluation process are organized at University level or at College level. The Teachers are deputed to such workshops.
- The official website of the University is another reliable source of knowing the evaluation process for the Teachers.
- The class Teachers and the subject Teachers brief the students about the evaluation process.
- The process of evaluation is transparent and there is room for interaction between a Teacher the thought.

2.5.2 What are the major evaluation reforms of the University that the institution has adopted and what are the reforms initiated by the institution on its own?

AGPCE is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur. Several innovation have ushered in the methods and in the strategies at the end of the University. The University has adopted online process in respect of all the matters. The internal evaluation system is also is made online. The performance of the students in cultural, sports, Co-curricular and Extra-curricular activities is also the basis of evaluation. The principle of objectivity is maintained in the process of evaluation.

AGPCE too has followed a University in respect of reforms in the process of evaluation. The College uses technology in the process of evaluation.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the University and those initiated by the institution on its own?

The members of the teaching and the student's community are enlightened about the innovations and evaluation reforms introduced at the end of the University. The Teachers

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and the concerned members of the non teaching staff help the students in respects of all the matters before the commencement of examination process. Internal evaluation is conducted into the College. The maximum internal marks for performance in theory are 20 while the maximum marks for internal practical are 25. The performance of the students in test, in classroom, Seminars, Attendance, assignments, etc,. are the important aspects of a structured method of internal evaluation. AGPCE has constituted and Examination and evaluation committee to monitor the process of internal evaluation in the College. The Principal with the help of the Heads of Department monitor the process of evaluation. The transparency and adherence to rules and norms laid by the University are maintained.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

It is affirmed that formative and summative evaluative methods are adopted in the College. The Teachers resort to formative approach to measure the performance of the student by conducting viva-voce, group discussion, assignments etc. The projects also are taken into consideration for evaluation at the graduate and post graduate levels. The student can give oral feedback to the students. These are the methods adopted by the College to measure achievement of the students.

The summative assessment is carried out to measure the progress of the pupil in order to know whether learning goals have been achieved. The forms of summative assessment done in the College include regular test as per the examination pattern of the University, assignments, and practical test in technology related subjects according to the pattern prescribe by the University.

It is observed that these forms of assessment have resulted in excellence achieved by the students in academics. They score very good marks in examination conducted by the University.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.)

AGPCE scrupulously monitors discipline of the pupils throughout the semester. There is strict vigilance on the attendance as well as performance of the student in both internal test and practical examinations. The remedial classes are conducted to improve the academic performance of the student. Similarly they are given extra assignments. Parent Teacher meeting are periodically convened and the parents or guardians are informed about the progress of their wards.

Besides internal assessment system Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur has introduced Credit Based System. In Credit Based System the assessment of

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the student is made on the parameters which include test, assignment, attendance, discipline and participation in academic and non academic activities.

The information imparted to the student about guidelines in respect of awarding in internal assessments ensures rigor and transparency in internal assessment.

Weightage is given to overall development of the students besides their academic performance. The behavioral aspect, independent leaning and communication skill possessed by the students is important criteria in assessment. The students who shows penchant of shouldering greater responsibilities are given due weightage. Similarly participation of the students in projects, fests, exhibitions, competitions, and cultural activities to weigh in favor of students.

2.5.6 What is the graduate attributes specified by the College/ affiliating University? How does the College ensure the attainment of these by the students?

The curriculum prescribed by the University has to be prepared in confirmative with national goals. The objective of any curricular program is to augment knowledge and skills which are pre requisite of achievements of the goals. The graduate requisites like self esteem, ability for self learning, job skills, and qualities of good citizenship form the requirement of any graduate programs. The University curriculum needs to be supported by value addition programs. The responsibility of introducing value addition program is borne by the College. The College through various activities grooms the graduates. It is expected that the students should have communication skill, ability to work in a group. It is also expected that the behavior of the students is descent and he/she has civic sense. The College puts in all possible efforts to groom the students.

Graduates Attributes (GAs) form a set of individually assessable outcomes that are the components indicative of the graduate's potential to acquire competence to practice at the appropriate level. The GAs are exemplars of the attributes expected of a graduate of an accredited programme. The Graduate Attributes of the NBA are as following:
1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with t h e society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions

11. Project management and finance: Demonstrate knowledge and understanding of t h e engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

2.5.7   What are the mechanisms for redressal of grievances with reference to evaluation both at the College and University level?

AGPCE has established Students Grievance Redressed Cell. This cell addresses the grievances of the students in respect of related issues in the College. Heads of Department are empowered to deal with the grievances of the students. If the matter is beyond the jurisdiction of Head of the Department then the same is referred to the Principal.

Certain grievances of the students are related to the Parent University. If a student is not satisfied with marks he/she has scored in the examination conducted by the University he/she can approach the University for re totaling and revaluation. The aggrieved students can also demand the photocopy of the evaluated answer book. The University charges fee for this purpose and the grievance of the students is process accordingly.

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2.6 Student performance and Learning Outcomes

2.6.1 Does the College have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

Yes. With the passage of time the institutions of higher learning across the country have realized and accepted that a commitment to teaching and learning must contain assessment and documentation of what and how much the students are learning and availing of this information to improve the education.

AGPCE has clearly asserted the outcomes of learning. The learning outcomes the College aims to achieve are given below.
- Creation of a continuum for coalescence of abilities, skills, rich morals, virtues, competence and excellence for the students.
- Creation of intellectual capabilities in the students.
- Deepening of National Consciousness.
- Preparation of the students to respond to changing situations.
- Creation of dynamic, vibrant, sagacious, self reliant and egalitarian society.

All these outcomes are clearly reflected in statement of vision and mission of the College. All stake holders are aware of learning outcomes of the College. Through the meetings the faculty members are made aware of learning outcomes. The orientation programs are conducted to enlighten the students about the learning outcomes of the College.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course   wise   for   last   four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The parent University has specified procedures for internal assessment. AGPCE follows the procedures led by the University. The answer books, assignments, seminar papers etc. are given to the students after evaluation for perusal. The students come to know their performance. The progress of each student is monitored by the class Teacher. The councilor motivates and builds confidence in the students for better performance.

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Result Analysis

Table 2.8 Result Analysis Department wise (UG)

Department		Computer Science & Engineering				Mechanical Engineering				Electrical Engineering			
Academic Session		2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
Semesters	**III**	06.00	09.00	51.72	30.00	19.00	17.78	22.63	12.12	12.68	05.93	22.12	20.62
	IV	10	35.00	55.55	54.00	17.78	17.27	28.34	11.92	18.46	17.63	25.77	30.67
	V	23.00	67.00	47.00	56.00	72.72	72.72	71.62	57.89	16.00	46.15	40.00	71.58
	VI	23.80	41.67	53.33	54.16	NA	71.00	46.00	34.67	34.00	57.69	71.01	61.36
	VII	50.00	44.44	75.00	55.56	NA	NA	89.74	81.67	NA	15.00	57.69	75.47
	VIII	100.0	72.22	100	83.00	NA	NA	94.74	94.74	NA	70.00	77.78	86.67

Table 2.9 Result Analysis Department wise (PG)

Department		Computer Science & Engineering				Mechanical Engineering Design				Integrated Power System			
Academic Session		2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
Semesters	**I**	66.67	77.78	73.33	56.25	NA	100	88.00	98.00	NA	34.78	44.44	52.63
	II	77.78	71.43	63.64	58.33	NA	100	88.50	84.61	NA	100	50	91.66
	III	NA	NA	NA	NA	NA	NA	88.50	83.00	NA	NA	83.83	100
	VI	NA	100	100	100	NA	NA	100.0	90.47	NA	NA	100	NA

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2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The students irrespective of their casts, creeds and religions are valued equally during their sojourn in the College. The curriculum, teaching, learning and assessment at the College are student centric. AGPCE has constituted academic committees and followed practices and procedures which aim at augmenting the quality of learning, teaching and assessment in the College. This aim is achieved by provision of academic leadership and development of excellence.

- AGPCE provides several opportunities to students to enhance their potential for the development of sagacity, skill, leadership moral and ethical values, culture and awareness through curricular and co curricular activities.
- A strong attitude is inculcated in the students for development of attributes which are required to confront with social challenges of the modern world.
- The student oriented academic and non academic activities ensure in the students the penchant of learning beyond classroom and curriculum.
- There is continuous assessment of the students in the College. AGPCE strives to foster a research culture in the students. Surveys, projects, seminars etc. are organized to foster the culture of research amongst the students. The members of the teaching staff also strive to upgrade their subject knowledge.
- AGPCE conducts the programs to imbibe values and emotional maturity in the students.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

Placements
- The placement cell of AGPCE strives to create job opportunities for the students. A large number reputed industries and corporate houses are invited for campus recruitment.

Table 2.10 No. of Placements

Department	Computer Science & Engineering				Mechanical Engineering				Electrical Engineering			
Year	2013-14	2013-14	2014-15	2015-16	2013-14	2013-14	2014-15	2015-16	2013-14	2013-14	2014-15	2015-16
Students Placed	-	06	06	08	-	-	09	06		06	05	07

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Table 2.11(A) Placement Record of Batch 2013-14

No.	Name	Branch	Company Name	Package
1	Sarang Kolhe	CSE	Hubcity Softwares Pvt. Ltd.	2.11 LPA
2	Kamlesh Jangade	CSE	Hubcity Softwares Pvt. Ltd.	2.11 LPA
3	Ashwin Y Barapatre	CSE	American Mega Trends	2.0 LPA
4	Dharamaraj Garad	CSE	American Mega Trends	2.0 LPA

Table 2.11(B) Placement Record of Batch 2014-15

Sr. No.	Name	Branch	Company Name	Package
1	Rahul Nandeshwar	EE	Horizon Telecom	2.10 LPA
2	Raviraj Rathod	MECH	Suzlon Ltd.	2.4 LPA
3	Prajakta Wankhede	EE	Labournet Staffing Solutions	1.85 LPA
4	Pravin Malviya	EE	Sms Infrastructure Ltd	2.10 LPA
5	Nishant Nandeshwar	MECH	Star Circlips Pvt. Ltd.	2.1 LPA
6	Pankaj Ladekar	MECH	Dhiraj Alloy Steel Pvt. Ltd.	2 LPA
7	SATISH LAMBAT	MECH	Abhijay Autoparts Pvt. Ltd.	2.2 LPA
8	Sujit Churhe	MECH	Abhijay Autoparts Pvt. Ltd.	2.2 LPA
9	Sachin Gote	EE	Suzlon Energy Ltd.	1.8 LPA
10	Ashish Lokhande	EE	Suzlon Energy Ltd.	1.8 LPA

Table 2.11(C) Placement Record of Batch 2015-16

Sr. No.	Name	Branch	Company Name	Package
1	Piyush Shukla	CSE	Acceltree Softwares	2.5 LPA
2	Shubhanshu Sahare	CSE	Salasar Solutions	1.5 LPA
3	Asmita Shende	CSE	Balarka Technologies	2.45 LPA
4	Mangala Ashtankar	CSE	Salasar Solutions	1.5 LPA
5	Krunal Dhote	EE	Suzlon Energy Ltd.	1.8 LPA
6	Anup Amburkar	EE	Suzlon Energy Ltd.	1.8 LPA

Table 2.11(D) Placement Record of Batch 2016-17

Sr. No.	Name	Branch	Company Name	Package
1	Ajinkya Thakre	CSE	I apps	1.2 LPA
2	Shubham Marathe	MECH	I apps	1.2 LPA
3	Tushar Walke	MECH	I apps	1.2 LPA
4	Prafull Gadge	MECH	I apps	1.2 LPA
5	Ganesh Gohate	MECH	I apps	1.2 LPA
6	Lalit Burman	CSE	Dhandhania Infotech	1.33 LPA
7	Komal Patil	CSE	Dhandhania Infotech	1.33 LPA
8	Atul Pachare	EE	Dhandhania Infotech	1.33 LPA
9	Shubham Tiwari	EE	Dhandhania Infotech	1.33 LPA
10	Mukesh Rana	EE	Dhandhania Infotech	1.33 LPA
11	Jijoo Chandewar	EE	Dhoot Transmissions	1.2 LPA
12	Pallavi Mahajan	EE	Dhoot Transmissions	1.2 LPA
13	Grishma Khapekar	EE	Dhoot Transmissions	1.2 LPA
14	Unnati Gajhbhiye	EE	Dhoot Transmissions	1.2 LPA
15	Neha Dhekan	EE	Dhoot Transmissions	1.2 LPA
16	Suchitra Behra	EE	Mphasis	2.00 LPA

Entrepreneurship

- The students need to collaborate with industrial establishment to do project work. This is the part of the curriculum. They are guided by the Teachers. The exposure to industry helps the pupils explore their own potential for entrepreneurship. Several lecture programs have been arranged and eminent industrialist hailing from Butibori industrial estate has created entrepreneurship amongst the students. It is stated that AGPCE has established Entrepreneurship Development Cell.

- AGPCE Entrepreneurship Development Cell organized following programmes during last four year-

Table 2.12 Events under EDC Cell

Sr. No.	Name of Event	Name of Expert	Date
1	Inauguration of EDC Cell	Mr. Shrikant Kulkarni, Program Officer, MCED, Nagpur	30/07/2014
2	Guest Lecture	Mr. Shrikant Kulkarni, Program Officer, MCED, Nagpur	30/07/2014
3	Guest Lecture	Mr. Hemant Waghmare, Program Officer, MCED, Nagpur	15/07/2016
4	Three Days "Entrepreneurship Awareness Camp"	Mr. Hemant Waghmare Mr. Kaustubh Sapre Mr. Kshirpurkar Mrs. Smita Ayachit Mr. Uppal Sinha Mr. K. N. Maheshswari	23rd & 23th February 2017

Innovation and Research Activities

- The students are guided by the Teachers in their attempts to write proposals for research projects.
- The Teachers take the students to industrial establishment and let them know about the functioning of the industries.

The students are encouraged to attend guest lectures, to read research journals and browse research related websites.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

The Internal Quality Assurance Cell of the College is interested with the responsibility of quality augmentation in the performance of the students. In order to do this IQAC applies several strategies. The assessment is important indicator of the performance of the students. The Teachers keep track on the performance of the students through several activities. The important benchmark for evaluation of students is result analysis. Besides formative assessment the participation of the students in academic and non academic activities helps the Teacher evaluate the learning outcome of the students. The main barriers usually noticed among the students are lack of communication in English. The elegance department of the College looks after this problem of the students.

The feedback about the performance of the students in recruitment process is collected from the industry by the placement cell of the College. The analysis of this information helps ascertain the readiness of the pupil to join the industry. The lacunae observed in the students are removed by providing special training to the students. After the declaration of the results the College identifies the slow learners and trains them by taking extra classes with additional attention. This exercise is aimed at improvement of the performance of the students. The information about the performance of the students is conveyed in parent Teacher meetings also.

2.6.6   How does the institution monitor and ensure the achievement of learning outcomes?

AGPCE has a well defined mission. The College has developed mechanism to monitor the learning outcomes. The performance of the students is analyzed and the analysis help identify the strength areas of interest carrier objectives of the students and what they expect from the College. This is used as a readireckner to monitor the progress of the pupil and achievement of learning outcome.

The students, except a few have to attend every lecture, participate in workshops, training programs and value added programs offered by the departments concerned. The absenteeism is not allowed. A student, if found to be regularly absent, is counseled by members of the teaching staff.

The College regularly undertakes the assessment work. This work is undertaken to ensure that the students have learned the subject. After the visit to industrial establishment it is mandatory for the students to submit written report of the visit. In their reports the students are expected to evince how theoretical concepts are applicable in real scenario in the industry. The Mock Aptitude Test and Mock Interviews are conducted to assess the impact of the training and on employability skills of the students. These Mock Exercises help check the readiness of the students to meet industrial requirements.

2.6.7   Does the institution and individual Teacher use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

- Yes. AGPCE through its departments analyze the outcome of assessment/evaluation. This helps the College introduce reforms in Teaching-Learning Evaluation process. The members of the teaching staff bank upon the results of the students and gauge the level of comprehension of students. This exercise help the Teacher take corrective measures and thus make learning more students centric.

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Glimpses of the "Entrepreneurship Awareness Camp" Organized in Association with Maharashtra Centre for Entrepreneurship Development, GoM, Nagpur

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CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

The status of recognized research center has not been accorded to Abha Gaikwad-Patil College of Engineering so far by Rashtrasant Tukadoji Maharaj Nagpur University Nagpur or any other agency. AGPCE however, has an internal research center which is replete with facilities to encourage research culture amongst the members of the teaching staff and the pupils.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes, the College has a research center which comprises research committee which consist of,

1. Dr. Rashmi Joshi   - Coordinator
2. Prof. Pragati Patil   - Member
3. Prof. Yogesh Bhute   - Member
4. Prof. Dipali Bhoyar   - Member

The research committee has recommended to create research culture and the members of the teaching staff for registration for Ph. D. degree. The research committee has motivated the teaching staff to register for Ph. D. The committee has recommended that the teachers and the students should present papers in the seminars and conferences. The committee has also recommended for publication of the papers in journals the research committee has appealed to the staff and the students to participate in seminars, Conference and workshops.

In response to recommendation made by the research committee 01 teacher has registered for PhD while some other teachers are preparing themselves for registration for PhD. It is observed that research culture is being inculcated in the teachers and the students. The teachers and the student appear to be involved in the research project. The members of the teaching staff and the students are seemed to be prepared to submit research paper. In response to the recommendation of the research committee **141** papers of the teachers have been published in the National and International journals. Similarly **40** papers have been presented by the teachers in the seminar and the conference. **45** teachers of the college have attended university, State, National and International seminar and conferences gone by four years.

3.1.3 **What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?**

AGPCE doesn't have permanent affiliation and inconsequence the college is not eligible to receive and grant or fund under 12(b) of university grant committee act. The college more over is being run on no grant basis. In spite of this the college facilitates the researchers in the following manner.

- The researchers enjoy the complete freedom to complete research activity.
- The researchers are supported by management and the facilities available in the college are given to researchers.
- The teachers who want to undertake research activity can avail of internal facility, library resources, Reprographic facility and have access to research journals.
- If demanded, the management gives study leave to the researcher.

3.1.4 **What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?**

The college nurtures scientific temper amongst the students and research culture and aptitude in formal and in informal manner. Several days like National Science Day and Birth and death anniversary of great Scientist are observed by the staff and by the students together in the college. Several skill development programmes also organized. The teachers are motivated to participate in conferences and seminars organized by other colleges and organization. All these exercises develop scientific temper, research culture and aptitude amongst the students.

3.1.5 **Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.)**

The M. Tech. students have research projects as a part of curriculum. Since the establishment of post graduation course all M. Tech./M. E. students are guided by the senior members of teaching staff in their research work.

3.1.6 **Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.**

The details of workshops/Training/Sensitization program are given below-

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Table 3.1 Details of workshops/Training/Sensitization program

Department	Date	Title of the program	Name of the resource person
Electrical Engineering	31.01.2015	Workshop on Industrial Drives	Dr. M. M. Renge Professor, R.C.O.E.M., Nagpur
	13.03.2015	Seminar on "Renewable Energy for Powering Generations"	Dr. R.S. Mohril Professor, Y.C.C.E., Nagpur
	20.08.2015	Seminar on " Energy Conservation"	Mr. Anil Palamwar Ex-Director M. S. E. B.
	29.07.2016	Workshop on "Personality Development"	Dr. Yugal Rayalu Lecturer, Govt. Technical School, Nagpur
	06.08.2016	Workshop on " Autocad - Electrical"	Mr. Amit Jain Astral Informatics Ltd, Nagpur
	14.09.2016	Workshop on "Industrial Automation"	Mr. Dhananjay Dhore Prolific Systems, Nagpur
	15.10.2016	Seminar on " E-Learning Practices"	Shri. M. D. Gandhe Chairman, Gandhe Memorial Society, Nagpur
	14.01.2017	Seminar on " Power Electronics Applications"	Dr. Snehal Gawande Associate Professor, Y.C.C.E, Nagpur
	28.02.2017	Seminar on " Renewable Energy for Powering Generations"	Er. Prashant Mawale Assistant Director, N.P.T.I., Nagpur
Mechanical Engineering	09.12.2013	Workshop on "Research Methodology"	Dr. J. P. Modak, Dean R & D, P.C.E., Nagpur
	23.06.2014-24.06.2014	Workshop on " Coal Quality Assessment and Energy Management in Industries"	Dr. V. M. Kriplani
	22.07.2015	Seminar on " Ash Handling in Industries"	Mr. Jayant Mitra
	05.08.2015	Seminar on " Recent Trends in Design	Mr. Amol Bhagat

		Engineering"	
	18.03.2016	Workshop on " Refrigeration and Air Conditioning"	Dr. Amol Andhare
	19.07.2016	Seminar on " Career Oriented Studies & Opportunities"	Mr. Manish Upadhyay
	14.09.2016	Seminar on " Skill Development through CAD/CAm/CAE"	Mr. Manish Sahare
	16.09.2016	Seminar on "Jigs & Fixtures"	Mr. Surendra Chopde
	30.01.2017	Seminar on " Competitive Exams Preparations"	Mr. Vaibhav Shrivastav
General Engineering	09.04.2016	Workshop on " Self Determination"	Prof. Sumant Tekade, Associate Prof. S.B.J.I.T, Nagpur
	16.09.2016	Workshop on " Soft Skill Development"	Ms. Karuna Nayar
	21.06.2016	Seminar on " Library Orientation"	Dr. Prince Agashe,Librarian, MSS,Nagpur
	15.07.2016	Seminar on " Role of Youth in Society Development"	Mr. Amar Damle, Professor, Mahila Mahavidyalaya, Nagpur
Computer Science & Engineering	15.07.2016	Workshop on " Developing Entrepreneurship skills in Youth"	Mr. Hemant Waghmare, M.C.E.D, Nagpur
	16.09.2016	Seminar on " Cyber Security & Crime"	Mr. Manoj Rai, Network Hub, Nagpur
	28.09.2016	Workshop on "Personality Development through social activities"	Mr. Vijay Naidu , Rotary Club, Nagpur
	22.03.2016	Workshop on "MATLAB Programming"	Mr. Aditya Jain, Webnet Infotech Pvt Ltd, Nagpur
	11.03.2016	Seminar on "Web Technologies"	Mr. Shrirang Korde, Software Expert, Nagpur
	08.08.2015	Seminar on " Business Intelligence Tools"	Mr. Aatif Qureshi, Infocepts Pvt Ltd, Nagpur
	12.09.2015	Seminar on "Infrastructure implementation and Management with	Mr. Prakhar Kshatriya, Corporate Trainer, IT Networks Infosystems Pvt Ltd, Nagpur

	Server 2008"	
22.01.2014- 23.01.2014	Workshop on "Ethical Hacking & Network Network Security"	Mr. Manoj Rai, Network Hub, Nagpur
22.03.2014- 23.03.2014	National Level Workshop on "MATLAB"	IIT Hyderabad & Webnet Infotech Pvt Ltd, Nagpur.
18.01.2014	Guest Lecture on "Cloud Computing"	Prof. Devyani Shirkhede, Asst. Prof. R.C.O.E.M, Nagpur
16.01.2014	Guest Lecture on "Open Source Technology"	Mr. Bhavesh Pali, Nexus Net Pvt Ltd, Nagpur.
15.01.2014	Seminar "Road Safety and Cyber Security"	Mr. Sanjay Jognand & Mr. Abhishek Mahure, Anti-Hans Corporation, Nagpur.

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The members of the staff are making efforts to develop AGPCE as a premier college for teaching- Learning, Research, and Innovation on par with colleges of repute. The areas of research and the expertise identifies by the staff are given below-

Table 3.2 Details of Areas of Research of Faculties

Name of the teachers	Department	Area of research/ Specialization/ Expertise
Pragati Patil	CSE	Wireless Sensor Network, Network Security, Data Mining
Yogesh Bhute	CSE	Wireless Network , Computer Networks
Sonal Honale	CSE	Image Processing, Data Structures
Sarvesh Warjurkar	CSE	Data Security, Data Security
Deepak Kapghate	CSE	Mobile Computing, Data Communication
Rahul Pusdekar	CSE	Data Base Management System, Data Security
Gajanan Patle	CSE	Data Mining, Data Structure
Meenal Bhoyar	CSE	Distributed Operating Systems, Compilers
VInay Mandhare	CSE	Artificial Neural Network,

		Distributed Operating Systems
Arpan Rewatkar	CSE	Distributed Operating Systems, Data Security
Snehal Gaikwad	CSE	Computer Networks, Wireless Communication
Prof. Ravi Gulhane	EE	Electrical Machines
Prof. Sneha Tibude	EE	Power Electronics
Prof. Shashikant Kewte	EE	High Voltage Engineering
Prof. Nishant Ghate	EE	Switch Gear and Protection
Prof. Rohit Kanojiya	EE	Power semiconductor based drives
Prof. Trupti Gajbhiye	EE	AC and DC drives
Prof. Pooja Chimurkar	EE	Convertors for renewable energy
Prof. Md Altaf	EE	Power quality improvement
Prof. Bushra Khan	EE	Power system
Prof. Priti Kontamwar	EE	Energy Conservation in Power System
Dipali Bhoyar	ME	Machine Design
Ravindra Ganhe	ME	Thermal Engineering
Ankita Yadav	ME	Heat Transfer
Vidya Pardeshi	ME	Machine Design
Chetan Gawande	ME	Production Engineering
Abhinesh Aswar	ME	Automobile Engineering
Bhushan Gondekar	ME	Power Engineering

3.1.8   Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

AGPCE is in infancy yet the efforts are made by IQAC in consultancy with members of the teaching staff to identify an enlist eminent research person this eminent research person are invited by the principal to visit the college. Several recourse person have been kind enough to visit the college and share their expertise with the members of the teaching staff and with the students.

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Table 3.3 List of Eminent Scientists, Educationist visited College

Sr. No.	Name of the recourse	Date
1.	Dr. Durga Toshniwal, Associate Prof. IIT Roorkee	04.01.2014
2.	Dr. J. P. Modak, Dean R&D, P.C.E, Nagpur	08.12.2013
3.	Dr. M. M. Renge Professor, R.C.O.E. M., Nagpur.	31.01.2015
4.	Dr. R.S. Mohril, Professor, Y.C.C.E, Nagpur.	13.03.2015
5.	Dr. Yugal Rayalu	29.07.2016
6.	Dr. Snehal Gawande, Associate Professor, Y.C.C.E, Nagpur.	14.01.2017
7.	Dr. P. Devnani, Principal , S.R.M.C.O.E.W., Nagpur	15.12.2013
8.	Dr. V. M. Kriplani, Professor, G.H.R.C.E., Nagpur	23.06.2014
9.	Dr. Amol Andhare	18.03.2016
10.	Dr. Prince Agashe, Librarian, MSS, Nagpur	21.06.2016
11.	Dr. Shirpal Singh, Principal Scientist , CSIR-CIMFR, Nagpur	23.06.2014
12.	Dr. Mahesh Kumar Yenkie, Professor, L.I.T, Nagpur	24.06.2014
13.	Dr. S. K. Nath, Joint Director, C.P.R.I, Nagpur	24.06.2014
14.	Dr. Rajesh Joshi, Aero Vision India	29.05.2015

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

So far few faculties has availed sabbatical leave for research activity.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of Research of the institution and elsewhere to students and community (lab to land)

Several-journals contain research paper of the teachers of AGPCE presented at University/ State/ National and International level Conferences. These research papers are provided to the students for reference in the library of the college.

The college has adequate internet facility.

3.2   Resource Mobilization for Research

3.2.1   What percentage of the total budget is earmarked for research?

Following Table gives the details of major heads of expenditure, financial allocation and actual utilization.

Table 3.4 Major heads of Expenditure, Financial allocation and Actual Utilization

Particulars and Expenses (Rs.)	Financial Allocation	Actual Utilization	Financial Allocation	Actual Utilization	Financial Allocation	Actual Utilization	Financial Allocation	Actual Utilization
	2012-13		2013-14		2014-15		2015-16	
Workshops and Seminar	-	-	-	-	-	-	8,00,000	7,96,480
Conference	1,20,000	1,14,150	-	-	10,00,000	8,56,550	-	-
Confluence	-	-	-	-	2,00,000	1,76,090	-	-
Project Expenses	-	-	1,80,000	1,76,090	-	-	4,00,000	4,09,615
Total Research Expenses	1,20,000	1,14,150	1,80,000	1,76,090	12,00,000	10,32,640	12,00,000	12,06,095
Capital Expenditure	70,00,000	59,65,567	2,50,00,000	2,47,28,513	2,50,00,000	2,34,62,873	2,75,00,000	2,52,74,498
Contingency	4,00,00,000	3,82,26,169	4,40,00,000	4,38,56,385	5,00,00,000	4,87,18,989	2,30,00,000	2,21,22,726
Total Expenses	4,71,20,000	4,43,05,886	6,91,80,000	6,87,60,988	7,62,00,000	7,32,14,502	5,17,00,000	4,86,03,319
Percentage of Research Expenses	-	0.26%	-	0.26 %	-	1.41 %	-	2.48 %

3.2.2   Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

- The management allocates funds to augments to library and laboratory to promote research.
- The registration fee paid by the teachers to attend seminar and conferences is reimbursed by the management.

3.2.3   What are the financial provisions made available to support student research projects by students?

- The college provides financial help to the students who conduct surveys and projects under the guidance of the teachers.
- The management encourages and supports the students in terms of money to attend National and International Seminars. The expenditure to be incurred on registration fee an conveyance is borne by the management.
- The student can avail the infrastructural facilities including laboratory, Computer Centre, Internet, e-journals and Books.

3.2.4   How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

- AGPCE is making efforts to established collaborations with other organization for inter-disciplinary research.
- Since the college is in its infancy the challenges face are related to finance.

3.2.5   How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The optimal use of various equipments is insured by the members of the teaching staff and the students in the following manner-
- Open access to books, Journals and e-resouces in the library.
- Freedom to access to internet.
- Access to Computer Laboratory and Library.
- Procurement of books and equipments as per recommendations by the heads of the

department.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

Yes, the details of the grants or finances received so far is given bellow-
The College has received total funding of **Rs. 1,00,200/-** from SRM Chennai University to promote and excel research area in Advances in algorithm, Data Mining and Computing.

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The AGPCE has not received so far support in terms of funds from any funding agency/ Industry or Organization.

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3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

- Well stacked books and journals in the central library and the libraries in the department.
- Research and Development Laboratories are available in all departments.
- Internet facilities in Departments and all laboratories and Library.
- Conference Room and Seminar Rooms equipped with multimedia and power presentation.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- The Principal of the college prepares the proposals and plan for infrastructural research requirements and the management provide the same.
- There is provision of developing the infrastructure in the college.
- Increase in the subscription of research journals.
- Establishment of research laboratory.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments / facilities created during the last four years.

The College has received the funding from ISTE SRM for Faculty Development Program.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

The visits are made to the library of university. The students and research scholars are taken outside the campus for visit to industrial establishment and research laboratories in the region.

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

- The research laboratories with e-resources.
- Borrowing of the books by the members of the teaching staff.
- Research journal and the books in the library.
- Reprographic center in the college

3.3.6   What are the collaborative research facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

- The college library has OPAC facility.
- The research facility are mostly are funded by the management.
- AGPCE plans to procure fund through collaborative, endures to develop laboratories and library faculties.

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3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

- Patents obtained and filed (process and product)
- Original research contributing to product improvement
- Research studies or surveys benefiting the community or improving the services
- Research inputs contributing to new initiatives and social development
- Research studies and surveys benefiting the community or improving the services.
- The students of the college conducted a survey on learning styles preferred by engineering students.
- The students of final year B. E. And final year M. Tech. / M. E. conduct survey of the topic of their interest in their domain.

The major research achievement the staff and the students-

Table 3.5 Major Research achievement the Staff and the Students

Sr. No.	Name of Teacher/ Student	Topic	Year	Place
1.	Shubham Tiwari	AC Generation from Solar Power without Inverter	2016-17	Nagpur
2.	Mukesh Rana			
3.	Utkarsh Gajbhiye			
4.	Amol Chaudhary			
5.	Vishal Bhoyar			
6.	Nikhil Likhar	Solar PV & Wind Hybrid Power Generation System	2015-16	Nagpur
7.	Snehal Gatkine			
8.	Krunal Dhote			
9.	Dhiraj Thengane			
10.	Rohit Thaware			
11.	Aashish Dhone			
12.	Charanjeet Singh	Excellent research paper award	2013-14	Nagpur
13.	Nilesh Kawale	Best Research Paper award	2014-15	Coimbatore, Tamilnadu

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'Yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

Yes,

The institute publishes Tech-Chronicle an International E-Journal on emerging trends in science, technology and management ISSN No-2454-1958

The Editorial Board of Tech-Chronicle is as follows:
− Dr. D.P. Kothari, Director Research, Gaikwad Patil Group, Nagpur, Former Vice Chancellor VIT University, Former Director i/c IIT Delhi, Former Principal, Visvesvaraya National Institutes Of Technology
− Dr. Ankush Mankar, Principal, Abha Gaikwad-Patil College of Engineering, Nagpur.
− Dr. R. Verulakar, Former Vice Chancellor, Mumbai University
− Dr. S. C. Jain, Vice Chancellor, Mangalayatan University, Aligarh, December 2009 Present (5 years 5 months), Professor Mech. & Ind. Engineering, IIT Roorkee
− Dr. B. B. Chopane, Former Director, Directorate of Technical Education.
− Dr. Gautam Bacher, BITS, Goa

3.4.3   Give details of publications by the faculty and students:

Table 3.6 Details of publications by the Faculty and Students

Details	Number
Publication per faculty	Minimum 03
Number of papers published by faculty and students in peer reviewed journals (national / international)	03 per faculty
Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	26
Monographs	--
Chapter in Books	01
Books Edited	--
Books with ISBN/ISSN numbers with details of publishers	01
Citation Index	25
SNIP	--
SJR	--
Impact factor	3 to 4
h-index	22

3.4.4   Provide details (if any) of research awards received by the faculty recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally. Incentives given to faculty for receiving state, national and international recognitions for research contributions.

Nil

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

AGPCE has established network with some industrial establishment. The experts from industrial establishment are invited by the college to guide the student about the entrepreneurship. The students are taken to industries to have firsthand experience.

- The college has formed collaboration as mentioned below-

  1. High Rise Transformers, MIDC, Hingna
  2. Prathamesh Udyog, MIDC, Hingna
  3. Steps Technologies, Nagpur
  4. Indo-German Tool Room, Hingna, Nagpur
  5. Bedare Electronics Private Limited, Nagpur
  6. IT Networkz, Nagpur
  7. ICON Computers, Nagpur
  8. Vyom Infotech, Nagpur
  9. Sai Info Solutions, Pune
  10. Beacon IT Strategies Pvt Ltd, Nagpur
  11. AnCyber, Pune
  12. WebTech Labs Pvt Ltd, NewDelhi
  13. Ingenio Technologies Pvt Ltd, Pune
  14. Maharashtra Centre for Entrepreneurship Development, Nagpur

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

- The stated policy of AGPCE is to promote consultancy. The consultancy services to provide the knowledge acquire and created research within the organization. This task is performed by the department in the college.
- The expertise available with the college is advocated and publicized through college website.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

- The members of the teaching staff are encourage to avail their expertise for consultancy services. The staff members are given access to resources like Laboratory, Library, Internet, Reprography and Administration.
- On duty (OD) facility is provided to the staff for consultancy services.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Major consultancy provide by the member of the teaching staff
- Resource services for soft skill training.
- Counseling services for student.
- Couching services for student for competitive examination.
- Judges for Intercollegiate competitions and Events.
- Member of academic and social association.

All these services are rendered free of charge.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The consultancy services offered by AGPCE are free of cost. Inconsequence there is no generation of income and the question of formal/stated policy in sharing the income don't arise.

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3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

- One of the objectives of the College is to create good citizens. The students, therefore are encouraged to have the sense of belonging to the community. The students are motivated to develop close relationship in the community. The members of the staff and the students are engaged in community work.

Institutional – neighborhood-community network-
- Students accord necessary help at the time of natural disasters to affected people.
- The students visit orphan ages and old age home regularly to enthuse, mephitises, interact the elderly people and the children.
- The peoples pay visit to the schools of blind children to create awareness about computer knowledge and teach them signing and craft. The blind students are also given the basic lessons of communication skill. The students have embarked on literacy Campaign in their surroundings.
- The students organized blood donation camp and Campaign against AIDS.
- The students of the college conduct activities to sensitize and create about the environment.
- The students of AGPCE participate in Swachha Bharat Abhiyan. The help of alumina association is sought in community service.

Service Orientation and Holistic Development
- Celebration of national festival, youth week and organization of program to create national consciousness and patriotism.
- Participation in rallies on anti corruption, anti tobacco and against sexual harassment.
- Awareness Campaign by the students in the neighborhood about the right of suffrage.
- Organization of programs on the life and work of the stalwarts and national leaders on the birth and death anniversaries.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

- The Principal, the members of IQAC, the NSS program officer and the teachers of the College initiate the students for involvement in social service activities.

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- The planning of the social service activities is made by coordinator IQAC, the NSS program officer under the guidance of the Principal of the College.
- The students are informed about the social movement of activities through the notices, circular on the notice board.
- The attendance record of the students who participate in such activities is maintained by NSS program officer. He/she monitors the activity/movement.
- Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur has introduced Choice Based Credit System. This system is strictly followed by the staff and the student in the College. This system mandates participation of students in such movements and activities.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The important stakeholders of the College are the members of the teaching staff, the members of the nonteaching staff, the pupils and the parents, the members of the Management, alumni and the public.

- AGPCE solicits stakeholder feedback through formal and informal feedback mechanism.
- The feedback from the students is continuously sought in formal manner.
- The feedback from the parents, guardian is obtain through the teachers who have face to face interaction in parents teachers meet. In the meeting of the students, feedback from them regarding maintenance of cleanliness, quality of food provided in college canteen and about other facilities is sought.
- The management occupies the most important place amongst the stakeholder of the college. It takes active part in the process of improvement of quality in all areas related to college. The management involves all employees of the college in construction and execution of the strategic plans made at its end. The Internal Quality Assurance Cell consists of besides other the parents, the alumni etc. They express their opinion on relevant issues. The analysis of the performance and the quality of the College is made in the departmental meetings, staff meetings and the meetings of the management.
- The participants in the conferences and the seminars give their feedback.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

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Organization and planning of Extension and outreach programmes

- The activities to be conducted by the College are plan by NSS Program Officer, Director of Physical Education and Heads of the Departments under the guidance of Principal.
- The tentative schedule of extension and community oriented activities is prepared at the commencement of the session and the same is mentioned in the academic calendar in the college.
- The students are sensitize towards national integration, protection and preservation of environment, community work, gender issues etc. by celebrating national days, science day, women day, teachers day, NSS foundation day etc.
- The efforts are made to create awareness on the Indian culture and heritage amongst the students. Similarly all possible efforts are put in to develop scientific temper and work culture amongst the students.
- In the annual budget of the College necessary provision for extension and outreach activity is made.

List of major extension activities conducted by AGCPE during last four years

- Blood national camp are organized twice in a year in collaboration with blood bank.
- Cornea Andhatv Mukt Bharat Abhiyan (CAMBA) was embarked upon by the students of the College in collaboration with 'SAKSHAM' (Samdrushtri Skhamata Vikas evam Anusandhan Mandal) and Madhav Netra Pedhi.

NSS volunteers participated in several social service activities

- NSS students pay regular visit to the villages for cleanliness drive and for preparing soak kits and computer education.
- The youth rally were organized to make the people aware about outdoor system and evil practices.
- The science day was organized every year by the students of the college.
- Constitution day was celebrated every year on 29 November.
- World Water Day was organized every day
- In view of coming elections the program 'Why should we exercise the right of suffrage' was organized.
- The programs were organized to promote communal harmony.
- The program 'Leprosy facts and fiction 'was organized by the College.
- The college premise is availed as a venue for conducting examinations by Banks and other organization.

Impact of Extension and Outreach Programmes

- The organization of extension and outreach programmes inculcates the spirit of volunteering and philanthropy in the students.
- These programmes enable the students to see and understand both sides of the society- affluent and poor.
- These programs developed a deeper understanding of the society in the pupils and created social awareness.
- These programs made the students aware of the problems, the society is confronted with. The participation in these programs deepened the national consciousness amongst the students.
- These programs provided the students experience and help them, make better decisions, prepare them to face the emerging situation and developed a lifelong ethics.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

- Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur has allotted National Service Scheme Unit to AGPCE. The unit consists of 100 students. NCC and other units are yet to be allotted to the college.
- AGPCE encourages the students and the members of the teaching staff for the participation in extension activities including participation in NSS.
- The parent university allocates funds for NSS activities while the management of the college extends financial help for extension and outreach programs.
- The program officer of the NSS unit of the college is at liberty to attend the social service camp organized by the university and he is granted duty leave for this purpose.
- The college undertakes several extension activities and members of the teaching staff are interested with the responsibility of conducting these activities.
- The students who participate and the students who attend NSS camp are given incentive marks.
- Similarly incentive marks are awarded to the students who donate blood and who undertake the task of collecting data or conducting socio economic and health problems related survey. These incentive marks help the students passing the subject or improve their class in university examination.
- The college has clubs and associations to promote students involvement in extension activities.

- The management of the college also supports these activities and it helps in terms of man, money, material, transport and refreshment. The students and the teachers who achieve success and who evince remarkable performance in extension activities are applauded and appreciated by all the stakeholders of the college.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- The college has conducted a socioeconomic survey in order to ascertain the socioeconomic problems of the people.
- The program of enlightenment on "Sexual Harassment of Women at Workplace" was organized by the college. In this program Hon'ble Justice Shree Vikas Shirpurkar (Retired Judge, Supreme Court of India) enlighten the students about the act made in this respect.
- Every year Constitution Day is celebrated and Preamble is collectively read on November 29th. On this day special emphasis is given on the elucidation of the concept of social justice.
- Most of the students who seek to this college hail from underprivileged and vulnerable sections of society. Due care is taken by the teachers and other students to ensure that these students do not have the feeling of isolation and segregation. The staff and the other students make it a point to involve these students in all activities.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The main objective of the college is to impart technical education to the students. The purpose of education, however is to ensure overall development of the students. The extension activities conducted by the college are complementary to student's academic pursuits. The experience gained by the students in the process of learning is supplemented by the experience gained through extension activities.

- The extension and outreach programs are designed in accordance with objectives of the college.
- The extension activities fetch value addition and impact holistic development of the students.
- The activities conducted to create awareness of several issues play complementary role in student's academic learning and make them competent in their opted domains

and also nurtures their sense of belonging and commitment to pursue the cause of social service.

- All these initiatives enable the pupils to imbibe values and develop innovative research spirit. The attributes of leadership, personality, communication skills and team spirits are required to live with a purpose. These activities creates communication skills and develop commitment to social justice, equality, respect for rights of others and pride about culture and heritage amongst students.

3.6.8   How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

In the attempts of the students to work for the people and community the essential approval, support and participation of the community play important role. The involvement of community in reach out activities the help of local bodies i.e. Nagar Parishad, Mahapalika and Zila Parishad. In the last few years the college is sought the involvement of the people and the community in the following areas.-

- Blood Donation Camp
- Swach Bharat Abhiyan
- Awareness of Social Problems
- Surveys
- Digital India
- Health and Environment Protection etc.

In response to the appeal of the college, the community and the local bodies participated zealously in these programs. It was indeed the matter of pleasure for the students to work for the community with the community.

3.6.9   Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The college has forged constructive relationship with many local colleges sister concerns, Govt. Organizations and several voluntary associations for smooth conduct of outreach and extension activities.

Following are the institutions with which AGPCE has forged constructive relationship.

Table 3.7 Activities conducted for said Purpose

Sr. No.	Activity	College/Organization/Department
1.	Blood Donation Camp	Rainbow Blood Bank Jivanjyoti Blood Bank
2.	Prevention and Control of Blindness and Eye Donation	Saksham and Madhav Eye Bank
3.	Leprosy: Facts and Fiction	Leprosy Department Z. P. Nagpur
4.	Entrepreneurship and Skill Development	Butibori Industries Association Maharashtra Centre for Entrepreneurship Development, Govt. of Maharashtra, Nagpur
5.	Book Exhibition	S. Chand Publications Tech Max Publication
6.	Book Loan Activity	TGPCET and VMIET
7.	Research, Development of Teaching Material, Faculty Exchange etc.	CP and Berar College, Nagpur
8.	Carrier Guidance Programs	City Premier College
9.	Campus Training	Carrier Launcher Educate Ltd.
10.	Book Bank	Department of Social Justice, Govt. of Maharashtra

Table 3.8 Events under National Service Scheme

Sr. No.	Name of Event	Date of Event	Guest/Visit
1	Road Safety Program	6th Feb,2017	MLA Shri. Sudhakarji Kohle, South Nagpur. And Mr. Rajesh Wagh,
2	National Youth Week	17th Jan,2017	Shri. Ashutosh Adoni, Development Officer, LIC
3	Blood Donation Camp	16th Feb,2017	Rainbow Blood Bank
4	NSS Foundation Day	24th Nov,2016	Shri. Vasant Purke, Ex-Education Minister
5	Eye Donation Fort Night	25th Aug,2016	Madhav Netra Pedhi

6	Ideas Camp (Disaster Management)	13th Sep,2016	Ideas Camp Site, Kalmeshwar
7	Visit at Old Age Home	29th Sep,2016	Sanjivani Old Age Home,
8	Swachh Bharat Abhiyan	20th Dec,2017	AGPCE Campus
9	Computer Literacy Program	2nd Jan,2016	ZP School, Moundha Village
10	Self Defense for Women	19th Mar,2016	Ms. Archana Patil

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/communitydevelopment during the last four years.

NIL

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3.7 Collaborations

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

AGPCE has attempted collaborations with industries and institutes for research activities. The help of industry is sought by UG and PG students of the college for their research projects. Several seminars and workshops hosted by the college facilitate collaborative interactions with the substantial number of industries. This process enables the students to imbibe research culture and entrepreneurship. AGPCE has collaborated with;

- Butibori Industries Association
- Maharashtra Centre for Entrepreneurship Development, Govt. of Maharashtra, Nagpur
- CP and Berar College, Nagpur
- Tulsiramji Gaikwad Patil College of Engineering and Technology, Nagpur
- V. M. Institute of Engineering and Technology, Nagpur

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.
The college has following collaborative arrangements.

Table 3.9 Details of Collaborations and MOU

Sr. No	Dept.	Lab/Institute/Industry	Benefits Accrued
1	Electrical Engineering	High Rise Transformers, MIDC, Hingna, Nagpur	Industrial Visits,Expert Letures, Summer Internship Programme, Final Year
2		Prathamesh Udyog, MIDC Hingna, Nagpur	
3		Steps Technology, Nagpur	
4		Indo - Germen Tool Room, MIDC Hingna, Nagpur	
5		Arnnac Solar & Electricals, Nagpur	
6		Bedare Electronics Pvt. Ltd, Nagpur	

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7		IT-Networks Nagpur	Projects etc.
8		Maharashtra Centre for Entrepreneurship Development , GoM, Nagpur	
9	Computer Science & Engineering	ICON Computers, Nagpur	
10		VYOM Infotech,Nagpur	
11		Sai Info Solution, Pune	
12		Beacon IT Strategies Pvt. Ltd., Nagpur	
13		AnCyber, Pune	
14		Webtek Labs Pvt. Ltd. (India),New Delhi	
15		Ingenio Technologies Pvt Ltd, Pune	
16	Mechanical Engineering	MITCON Nagpur	

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

AGPCE has always strived to established industry-institution-community interaction to facilitate the establishment, the creation, the up gradation of academic facilities, student staff support and infrastructure facility.

- Interaction with eminent educationist and distinguished personalities from various reputed institutions and industrial establishment has led to academic progress. This interaction also boosted the placement process.
- Collaboration with reputed colleges and industries has helped the college to introduce add on courses, training courses and value based courses.
- Collaboration with Department of Social Justice, Govt. of Maharashtra has enabled the College to receive grants for Book Bank Scheme for SC and ST students.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

The following eminent scientist and educationist visited the college:

Sr. No.	Name
1.	Hon'ble Justice Shri Vikas Shirpurkar, Retired Justice, Supreme Court of India
2.	Dr. Rajan Welukar, Former Vice Chancellor, Mumbai University
3.	Dr. Bhalchandra Chopane, Former Vice Chancellor,

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RTMNU, Nagpur

4. Dr. Ku. Kamal Singh, Former Vice Chancellor, SGBAU, Amaravati
5. Prof. Vasant Purke, Former Minister of Education, Maharashtra
6. Dr. Satish Wate, Former Director, NEERI
7. Dr. Sharad Nimbalkar, Former VC, PKV, Akola
8. Shree Gev Avari, Former MP
9. Dr. S. T. Deshmukh, Former VC, SGBAU, Amaravati
10. Dr. Swanand Pund, Eminent Scholar
11. Principal Dr. Avinash Moharil, Amaravati
12. Dr. Vinayak Deshpande, An Eminent Educationist

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

   a) *Curriculum development/enrichment*
   - The curriculum of the programs is prescribed by Rashtrasant Tukadoji Maharaj NU, Nagpur the college has to adhere to the same. In consequence, the college has no right to take any step in this regards. The college, however has added add on courses and undertaken entrepreneurial skill development program in association with MCED, GoM, Nagpur.

b) *Internship/ On-the-job training*

- AGPCE has established collaboration with several industrial establishments and organizations. These collaborations have resulted in formal MOU's and agreements. The information is given below.

Table 3.10 Details of Internship

Sr. No.	Department	Year	Name of Student	Name of Industry of Internship
1	Electrical Engineering	2015-16	Akshay Patle	NTPC, Mouda
2			Puja Kumle	33/11 kV Goregaon Substation
3			Dipali Mendhe	
4			Yogini Ghagre	
5			Roshni Asutkar	
6			Meghna Dongre	
7			Priyanka Wankhede	Vishwas Power Engineering Services, MIDC, Butibori
8			Grishma Khapekar	
9			Shubham Tiwari	
10			Sagar Belsare	
11			Neha Shewade	
12			Rohini Meshram	
13			Jija Chandewar	
14			Shubham Kadu	
15			Vikram Mangrutkar	
16			Ashish Kature	
17			Arpana Meshram	Master Soft ERP Solutions, Nagpur
18			Prachi Ambade	Mahagenco, Koradi
19			Khushboo Ghutake	
20			Ashutosh Rangari	
21			Suchitra Behera	
22			Masul Meshram	
23			Ankush Gondane	
24			Abhinav Mukwane	
25			Atul Pachare	
26			Payal Ganvir	
27			Manish Gautam	Manas Agro Industries, Nagpur
28			Dinesh Gabhane	
29			Kunal Sonwane	

30			Abhijeet Chikte	
31			Amol Khobragade	
32			Vaishali Deotale	
33			Chanchal Agarwal	
34			Trupti Garghate	
35			Neha Dhekan	
36			Pallavi Mahajan	
37			Priyanka Hadke	
38			Priyanka Dhokane	Sharda Auto Industries, MIDC Butibori
39			Rohita Lokhande	JSW Steel, Kalmeshwar
40			Puja Thakre	
41			Mayuri Deokar	
42			Unnati Gajbhiye	
43			Arti Hood	
44			Suruchi Gajbhiye	
45			Chanchal Thorat	
46			Aishwarya Khawade	
47			Vikrant Thute	
48			Nikhil Bhat	Mahagenco, CTPS, Chandrapur
49			Ashwini Ambatkar	R.K Diesel Services, Nagpur
50			Pratik Laturkar	Rupali Electricals, MIDC, Nagpur
51			Suraj Bankar	
52		2014-15	Pradnya R. Bendle	RUPALI ELECTRICALS, Butibori, Nagpur
53			Pradnya R. Bendle	GPS Infotech, Nagpur
54			Diksha A. Kasote	RUPALI ELECTRICALS, Butibori, Nagpur
55			Dhananjay Daldale	RUPALI ELECTRICALS, Butibori, Nagpur
56			Dhananjay Daldale	GPG Infotech, Nagpur
57			Diksha A. Kasote	GPG Infotech, Nagpur
58			Ashish M. Dhone	Yash Agro Energy limited, Nagpur
59			Nikhil P. Likhar	Yash Agro Energy

				limited, Nagpur
60			Krunal H. Dhote	Yash Agro Energy limited, Nagpur
61			Keshav M. Jibhkate	Yash Agro Energy limited, Nagpur
62			Anil D. Nerkar	Yash Agro Energy limited, Nagpur
63			Abhijit D. Wakde	Yash Agro Energy limited, Nagpur
64			Kapil M. Atkare	Yash Agro Energy limited, Nagpur
65			Ruchita Akhande	Vikram Engineering, Nagpur
66			Swapnil P.Thengane	Wardha Power Company Limited, Warora
67			Rohit M. Thaware	Ordnance Factory Ambajhari, Nagpur
68			Saurabh R. Rajurkar	Government Polytechnic, Nagpur
69			Shitalkumar Nagpure	RUPALI ELECTRICALS, Butibori, Nagpur
70			Vivek M. Bhoware	Vayunandana Power Limited, Kaneri village, Gadchiroli
71			Bhagyashree Wanjari	NTPC, Mouda
72			Aboli Raut	NTPC, Mouda
73			Parag Nandeshwar	NTPC, Mouda
74			Pratik Mandal	NTPC, Mouda
75			Rupali Gaikwad	NTPC, Mouda
76			Ashish Bawane	NTPC, Mouda
77			Sonali Moon	NTPC, Mouda
78			Pravin Malviya	NTPC, Mouda
79			Akash Thakre	NTPC, Mouda
80		2013-14	Prajakta Wankhede	NTPC, Mouda
81			Ashwini Shrirao	NTPC, Mouda
82			Niki Chouthmol	NTPC, Mouda
83			Parag Kalsarpe	NTPC, Mouda
84			Ritesh Bhisikar	NTPC, Mouda
85			Rahul Nandeshwar	NTPC, Mouda
86			Ashish Lokhande	NTPC, Mouda
87			Mukesh Mhaishgawli	NTPC, Mouda
88			Akshay Meshram	NTPC, Mouda

89			Supriya Meshram	Webakruti
90			Snehal Ganvir	
91			Pravin Kumbhare	
92			Ketaki Meshram	
93			Kyala Fru Mog	
94			Kalyani Jumde	
95			Karishma Ukey	
96		2015-16	Arpit Sarode	Akashwani Nagpur
97			Akshaya Wankhede	
98			Shubhanshu Sahare	
99			Pradhnya Bhoyar	
100			Trupti Saratkar	
101	Computer Science & Engineering		Surabhi Parate	Almighty's Technology Pvt.Ltd.
102			Diksha Dekate	
103			Piyush Shukla	
104			Pranay Kamble	
105			Pranali Kambarkar	
106			Mangala Ashtankar	SPM Computers
107			Pooja Ganvir	
108			Ambikar Ghaiwatkar	
109			Asmita Shende	
110		14-15	Aniket Sahare	Hub City
111			Abhishek Mishra	
112			Pranali Chinchulkar	
113			Aachal Deshmukh	
114			Prachi Jambhulkar	
115			Sapna Damodhar	
116			Payal Naskulwar	
117			Archana Wadhai	
118			Vaishali Raut	
119			Disha Tembhare	
120			Sneha Deshmukh	
121	Mechanical Engineering	2013-14	Rameshwar Yadav	Indoworth,Butibori
122		2014-15	Mukesh Kumar	NTPC,Mouda
123			Nitin Gajbhe	WCL, Nagpur
124			Gaurav Kadu	Raymond Industries Ltd.
125			Rahul Dharne	ACC, Chanda
126		2015-16	Pratik Moon	Reliance Industries Ltd, Butibori
127			Mukesh Bobde	

c) *Summer placement*
- Several Students have been placed in the Summer Placements.

d) *Faculty exchange and professional development*
- Faculty exchange between Abha Gaikwad Patil College of Engineering, Nagpur and T Gaikwad Patil College of Engineering & Technology , Nagpur and V. M. Institute of Engineering and Technology, Nagpur

e) *Research*
- Collaboration with various industries.
  Chart

f) *Consultancy*
- The members of the college are invited for the consultancy by other colleges. Some members of the teaching staff conducts workshops in the areas of their interest and expertise and coach the students for competitive examinations.

g) *Extension*
  As mentioned in 3.6.4.

h) *Publications*
  As mentioned in Departmental Evaluation Sheet.

i) *Student Placement*
  As per Criteria II 2.6.4.

j) *Twinning programmes*
  NIL

k) *Introduction of new courses*
  The following new courses have been introduced in the Academic Year 2012-13
  1. Integrated Power System- PG Level
  2. Mechanical Engineering Design- PG Level

l) *Student exchange*
  NIL

m) *Any other*

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NIL

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

- The authorities of the college make systematic efforts to plan every year for linkages and collaborations which are useful to the teachers and the students of the college. The planning and execution have paved way to research projects, training programs and add on courses.

- The management of the college approves the financial implications required for implementing the initiative of the linkages/collaborations.

- The members of the teaching staff and the students accord favorable response by participating in seminars and workshops for quality augmentation and by presenting papers.

- The PG students are provided opportunities to carry out research projects pertaining to their dissertation.

- Eminent educationist and scientists are invited to present special talks and opportunities are given to the students to interact with them.

- Campus selection drive is organized in collaboration with industries by the Placement Cell of the college.

- This provides Job Opportunities to the students.

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Glimpses and News Cut Outs of Technical Non Technical Events Organized at the college

AGPCE organises national workshop on data mining

Dignitaries during the National Level Workshop on 'Advances in data mining at AGPCE.

LOKMAT NEWS NETWORK
NAGPUR, FEB. 7

The department of CSE and IT of Abha Gaikwad Patil College of Engineering organised a National Level Workshop on 'Advances in Data Mining under CSI chapter recently.

The chief guest and keynote speaker on the occasion was associate professor Dr Durga Toshinwal of Indian Institute of Technology (IIT), Roorkee gave a brief overview of new research areas in the field of data mining.

The workshop was scheduled in two sessions and participants from various parts of Vidharbha and nearby regions participated in the workshop.

The director of Gaikwad Patil Group of Institutions Col Rahul Sharma, presidents of Gaikwad Patil Group of Institutions Prof Sharad Patil, dean (academics) of Abha Gaikwad Patil College of Engineering Prof Sulabha Patil and head of the Computer Science and Engineering Department Prof Parul Bhanarkar. Departments of CSE and IT and heads of the various departments were prominently present at the occasion.

The programme was conducted by Prof Vijay Bagdi, Prof V Bodhe, Prof G Patle, Prof G Nazneen, Prof P Wankhede, Prof R Sadnani, Prof N Nikhare, Prof S Bangre worked hard for the success of the event.

The students of Department of Electronics and Communication Engineering present during the seminar at AGPCE.

AGPCE organises seminar on recent trends in wireless communication

LOKMAT NEWS NETWORK
NAGPUR, DEC. 4

Department of Electronics and Communication Engineering of Abha Gaikwad Patil College of Engineering (APGCE) organised a seminar on Recent 'Trends In Wireless Communication' recently.

Dr Rajeshree Raut delivered the seminar. She guided the students about recent advancement in wireless communication. All the HoDs and faculty member were prominently present for the event.

The programme was conducted and organised under the guidance of Prof Sulbha Patil, Prof M Sade (HoD), Prof S Dhengre, Prof S Bhishnurkar, Prof D Zinjarde, Prof R Pochi, Prof K Mishra, Prof K Mishra, Prof N Tekade, Prof D Bhoyar, Prof R Godghate and Prof S Ghormade.

Abha Gaikwad–Patil College of Engg

Mahesh Sahare addressing the students.

MECHANICAL Engineering Department of Abha Gaikwad-Patil College of Engineering organised one-day guest lecture on 'Career in Design' for the students. Mahesh Sahare, Sr Manager Training, Dysmech Consultancy Services was the chief speaker. The lecture was arranged with the help of Prof Pragati Patil, Vice-Principal and HoD Prof Ajay Mahawadiwar. Mechanical forum in-charge Prof Dushant Waghamare motivated the students to participate in large numbers. President Students Forum Gagan Singh Roka proposed a vote of thanks.

Seminar on importance of blood, organ donation held at AGPCE

LOKMAT NEWS NETWORK
NAGPUR, FEB. 5

The department of CSE and IT of Abha Gaikwad Patil College of Engineering organised a seminar on Importance of 'Blood Donation And Organ Donation.'

Director of Jeevan Jyoti Blood Bank and Components Dr Ravi Wankhede was the chief guest on the occasion where he addressed the students on the importance of blood donation and organ donation.

He inspired the students to participate in blood donation and organ donation for a noble cause of saving life.

The director of Gaikwad Patil Group of Institutions, Col Rahul Sharma, dean (Academics) of Abha Gaikwad Patil College of Engineering, Prof Sulbha Patil, head of the Computer Science and Engineering Department Prof Parul Bhanarkar and heads of the various departments were prominently present at the occasion.

The programme was conducted by the students of Computer Science and Engineering and Information Technology under the guidance of Prof Vijay Bagdi.

Prof V Bodhe, Prof G Patle, Prof G Nazneen, Prof P Wankhede, Prof R Sadnani, Prof N Nikhare, Prof S Bangre worked hard for the success of the event.

Dignitaries during the seminar held at AGPCE.

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CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The policy of laid down by the management of the college for creation and enhancement of infrastructure is that it should facilities effective teaching and learning. While preparing the policy by management took into consideration of dynamic teaching and learning and demand of the programme. The management makes endeavors to create and enhance new infrastructure and renovates the existing infrastructure. As per the necessity the infrastructure is created.

- The Principal invites suggestion from the stake holders regarding infrastructure and forwards the proposals on the basis of suggestions received to the management.
- After receiving the proposal from the Principal the management makes earnest and committed efforts for the expansion of the infrastructure as per the increasing needs of the college. After deliberation with the Principal and the Heads of the departments the funds are allotted for utilization to enhance the infrastructure.

4.1.2 Detail the facilities available for
a. Curricular and Co-Curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

AGPCE has the infrastructure facilities noted below for Curricular and Co-curricular activities--
- Well ventilated **15** spacious rooms for engaging classes. The rooms are adequately furnished.
- **08** numbers of rooms for tutorials.
- **27** well equipped laboratories.
- **03** Seminar halls with LCD facility.
- One conference room with LCD facility.
- Computerized library equipped with large space for reading with internet facility.
- Well established Computer Center.
- **03** departments and for the heads of each department there is separate cabin and separate rooms for the staff of each department. Every department has

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departmental library.

- Language Laboratory with teacher monitored software to develop spoken English and communication skills.
- Administrative office as per AICTE norms with adequate numbers of computers.
- A spacious office fully furnished for the Principal.
- A spacious office fully furnished for the Vice-Principal.
- A store for stationary.
- Two Big workshops.
- Uninterrupted Power Supply with backup Gen-Set.
- Uninterrupted water supply.
- Water purifiers for pure drinking water.
- A special room for physical education and for recreation department.
- A room for IQAC office.
- Room for Training and Placement cell.
- Adequate washroom-(Separate washrooms for boys and girls) & Separate washrooms for staff.
- Wi-Fi and Internet facility.
- Arrangement of lift facility is in progress.
- Counseling cell.

b. Extra –curricular activities – Sports, Outdoor and Indoor Games, Gymnasium, Auditorium, NSS, NCC, Cultural Activities, Public Speaking, Communication Skills Development, Yoga, Health and Hygiene etc.

- Room for In-door sports.
- Volley Ball ground, Cricket ground, football grounds, Tennis Court.
- Amphi Theatre with capacity of 600 persons.
- One NSS office.
- Yoga and Heath club.
- A room for security guards.
- A room for cleaning staff.
- A Cafeteria which provides hygienic food at subsidized rates.
- A room for Medical Facility.
- Music room.
- Independent parking place for male students, female students and for the staff.
- Adequate notice boards.
- Suggestions box.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the

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existing physical infrastructure and the future planned expansions if any).

The members of the managing committee frequently visit to the college and interact with all stake holders of the college to plan the infrastructure requirements and ensure their availability for the academic growth of the college.

The academic calendar and the calendar of non academic activities are scheduled in such a way that all the facilities available are put to maximum use. The college has augmented the following infrastructure facilities during the last four years—

i. Language laboratory has been setup with software related to language laboratory.
ii. Power Backup arrangement is done in order to provide uninterrupted power for the Laboratories
iii. LAN, Wi-Fi facility with high internet facility have been provided.
iv. The washrooms have been renovated.
v. The laboratories are upgraded with advanced equipments.
vi. Cement road has been constructed from the to the building of the college.
vii. A lush green lawn has been developed around the campus.
viii. Beautiful flowers and make ambient Landscaping of the campus is done.
- The master plan of the college/campus is enclosed herewith as **Annexure VII**
- The college proposes to expand the existing building in future.

Amount spend on Augmentation of infrastructure during last four years---

Table 4.1 Details of Amount spend on Augmentation of Infrastructure

Sr. No.	Expenditure	Amount Spend During last four year (Rs.)			
		2012-13	**2013-14**	**2014-15**	**2015-16**
1	Computer Equipment and Audio Visual Aids	13,49,627	5,48,666	23,37,506	10,56,133
2	Furniture & Fixtures	6,72,801	17,90,232	5,46,893	12,81,033
3	Library Books	4,39,926	8,76,055	2,68,079	254832
4	Building Construction	15,15,600	1,90,09,982	1,84,86,520	1,98,83,954
5	Lab Equipments Non Consumables	19,40,215	23,20,308	18,00,216	27,68,437
6	Office Equipments	47,398	1,83,270	23,659	30,110

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4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

At present there are no physical disable student in college, however has made suitable arrangement physically disabled student in done by the college for such cases. They will be provided classroom on the ground floor with elevator facility in the college. Such student will also be help in case of un-forcing circumstances.

4.1.5 Give details on the residential facility and various provisions available within them:

i. **Hostel Facility –** If the students who hail from other places required accommodation facility they are housed in the hostels of the college. This hostel facility is separately made available to girls and boys.

ii. **Recreational facilities, gymnasium, yoga center, etc. -** Recreational facilities are available in the college and in the hostel. The college runs Yoga and Health Center in the college. Similarly indoor sports facility is made available in the college.

iii. **Computer facility including access to internet in hostel-** The computer facility including internet is made available in hostel.

iv. **A Facility for Medical Emergencies-** In case medical emergency the Doctor i.e. the teacher in-charge of hostel invites the doctor and if necessary as per the advice of the doctor the students is removed to neighboring hospital.

v. **Library facility in the hostels-** There is a small library in every hostel of the college.

vi. **Internet and Wi-Fi facility-** The internet and Wi-Fi facility is provided to in mates of the hostel.

vii. **Recreational facility-**Common room with audio-visual equipments- Recreational facilities (Chess, Carom, Books other than textbooks) with audio-visual equipments are made available in the hostel.

viii. **Available residential facility for the staff and occupancy Constant supply of safe drinking water-** At present no residential facility is made available for the staff of the college

ix. **Security-** The security guards posted round the clock in the hostel. The security guards do not allow the students to remain outside after 07:30 pm.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- There is a medical room available in the campus.

- First aid facility is available for the students and the staff in the college campus.
- A medical doctor is appointed on part time basis in the college and he/she is available in the college during the prescribed hours.

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- If a student suddenly falls ill intimation is immediately given to the parent or guardians.
- The college conducts annual health checkup programmes for the students and the members of the staffs.
- In case of emergency the student are rushed to nearby hospital.
- The students who are housed in the hostel are examine every fort night by a registered medical practitioner.
- The student coming from other places and living in rented rooms sometimes need medical assistance.
- These students of the campus through their companies or their friends contact authorities of college and the authorities of the college without loss of time provides the student concerned with medical health.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

Common facilities available in the campus are ---

Table 4.2 Details Common facilities available in the Campus

Sr. No.	Facility	Details
1	IQAC	IQAC has independent office with necessary infrastructure.
2	Grievance Redressal Unit	A Grievance Redressal Unit has been constituted in college. The student directly approach to committee with their grievances. The students may drop their complaints in suggestion box. The suggestions dropped in the box are consolidated and redressed. Similarly complaints directly are made to the committee are also redressed.
3	Woman Cell	There is female welfare committee in the college. The committee takes due care of the welfare of the female students.
4	Cancelling and Carrier guidance	The teachers properly counsel the student and career guidance centre in the college provides guidance to the students.
5	Placement Unit	The placement cell in the college invites companies to the college. The students appear for interview and if selected are placed.
6	Canteen	A canteen provides hygienic snacks and food to students and staff.
7	Recreational space	Recreational centre is functional in the college. Chess, Carom, etc. arranged for the students and for the staff. The music room is also available.
8	Safe Drinking	24 * 7 water facility is provided through water purifier.

	Water	
9	Health Centre	Separate rooms with equipment like- weighing machine, BP monitor, First-aid kit, a bed are available.
10	Store	The students can buy stationary, etc. from the store in the college.
11	Sports Room	The department of physical education is functional in the college. Sports competitions are monitored by this department.
12	Music Room	Some musical instruments are available in the music room.
13	Yoga Room	The students practice yoga in this room.

4.2   Library as a Learning Resource

4.2.1   Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

- AGPCE has a Library Advisory Committee which consists of
    1. Ms. Sonal Honale   Coordinator
    2. Ms. Pooja Chimurkar   Member
    3. Mr. Akash Kinkar   Member
    4. Mrs. Ashvini Sabal   Member
    5. Mrs. Vanashree Rokde   Member
- The Committee considers the development proposals of the college and budget allocation and policy decision. The committee provides directions for a structured and a balance growth of the library. It also ensures that improved facilities and innovative services are provided. The following services/facilities have been implemented on the basis of the recommendations of the committee.
- Library awareness program.
- Indoctrination session regarding use of the library resources for the students.
- Subscription to DELNET and access is provided to electronic resources.
- Exclusive Learning Resources (Books, Journals, Periodicals, CDs/DVDs)
- Book Bank Scheme for minority students.
- Repositories of Question Papers.
- Book Exhibition

4.2.2   Provide details of the following:

i.	Total area of the library (in Sq. Mts.)	: -	690 sq mtr.
ii.	Total seating capacity	: -	250 sq. mtr.
iii.	Working hours:		
	– On working days from	: -	09:30 am to 7:30 pm
	– On holidays	: -	Closed
	– Before examination days	: -	09:30 am to 07:30 pm
	– During examination days	: -	09:30 am to 07:30 pm
	– During vacation	: -	Closed
iv.	Layout of the library:		

Stack Room, Reference Section, Reading Section, Newspaper Section, Area for Browsing, IT Zone for Accessing e-Resources

4.2.3   How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

- The Principal invites the list of the books and journals to be procured before the commencement of the academic session.
- The Principal concerts the librarian to enquire whether demanded books are available in the library.
- The Librarian informs the Principal whether the demanded books are available in the library.
- The Principal gives direction to the librarian to place the order for the books which are demanded and needed but not available in the library to the librarian.
- Librarian invites quotations for the books and journals.
- The comparative study of the quotations is made and the lowest quotation is approved by the Library Advisory Committee under the control of the Principal.
- The Principal then directs the Librarian to place order to supply the books/journals to the vendors.
- Soon after the compliance of the order by the vendors the books are accessed as per DD System.
- In this way the Library ensures the purchase of Books and Journals.
- Use of Current Titles:
  Newly procured books and journals are displayed in "New Arrivals" for the benefit of readers. The next step is to display the list of books newly procured on the notice board of the library.
- Amount spent on procuring new books, journals and e-resources during the last four years.

Table 4.3 Details of Amount Spent on Procuring New Books, Journals

Library Holdings	2012-13 Total Cost (Rs.)	2013-14 Total Cost (Rs.)	2014-15 Total Cost (Rs.)	2015-16 Total Cost (Rs.)
Text books/ Reference Books	4,40,000	8,77,000	2,67,000	2,55,000
Journals/ Periodicals/ e-resources	97,000	7,07,000	9,56,000	2,34,000
Total Expenditure	**5,37,000**	**15,84,000**	**12,23,000**	**4,98,000**

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- OPAC
  This facility exists in the library.

- Electronic Resource Management package for e-journals
  The college is a member of DELNET (Membership No. IM3005) which provides e-Journals, e-Books and Union Catalogues.

- Library Website :
  It has been integrated into website of the college.

- In-house/remote access to e-publications
  DELNET 10 Nodes are available for usage through internet.

- Library automation
  Library Management Software Database and OPAC is available for the users.

- Total number of computers for public access: 15

- Total numbers of printers for public access : 02

- Internet band width/ speed: 10 mbps

- Institutional Repository: Dissertations of Post Graduate students, Publications of Faculties

- Content management system for e-learning: IP address for e-learning material http//172.16.200.201

- Participation in Resource sharing networks/consortia (like Inflibnet): Available

4.2.5 Provide details on the following items:

- Average number of walk-ins   : - 100 – 125 per day
- Average number of books issued/returned   : - 80 – 90 per day
- Ratio of library books to students enrolled   : - 08:01
- Average number of books added during last four years : - 4436/4 = 1159
- Average number of login to OPAC   : - 30-40 per day
- Average number of login to e-resources   : - 15-20 per day
- Average number of e-resources downloaded/printed   : - 10-12 per day
- Number of information literacy trainings organized : - 04
- Details of "weeding out" of books and other materials : Not required so far.

4.2.6 Give details of the specialized services provided by the library

- Manuscripts
  College has 123 manuscripts (publications of the staff and students)
- Reference
  There is a separate reference section in the library which consists of a large

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collection of reference books, project reports etc.

- Reprography

  Reprography facility is provided to students in library.

- ILL (Inter Library Loan Service)

  The college borrows books from other colleges under Inter Library Loan Service.

- Information deployment and notification

  On the notice board in the library, important circulars, list of new arrivals, news paper clippings and job alerts are displayed.

- Download

  Useful learning resources are downloaded by the stakeholders.

- Printing

  LASER printer to print the study material is available in the library.

- Reading list/ Bibliography compilation

  Library in the college has maintained digital catalogue which provides the details about the books.

  Similarly the library has indexed to project work of students and staff.

- In-house/remote access to e-resources

  Well equipped digital library with 10 nodes with internet connectivity is housed in the library to access e-publications.

- User Orientation and awareness

  User Orientation Programs are conducted at the commencement of every academic year.

- Assistance in searching Databases

  The librarian with his assistants helps the users in searching the desired information available with the various resources.

- INFLIBNET/IUC facilities

  Library in the college has institutional membership through DELNET.

4.2.7   Enumerate on the support provided by the Library staff to the students and teachers of the college.

The staffs in the library of AGPCE are very helpful to the students and cordially it supports the students and the teachers in the following manner—

- Help readers to locate the books and information retrieval.
- Display of new arrivals to encourage the readers to use them.
- The information about the new arrival is conveyed to the heads of the department.
- The teachers are informed about the latest addition relating their project/thrust area of their projects.
- Orientation programs for students about library recourses and supports.
- Book Bank scheme for SC/ ST students is implemented.
- Availing back volumes of journals.
- Reference books on demand are provided.

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- Maintaining peaceful and academic environment in the library.
- Provide question papers of the examinations conducted in the past.
- Issuance and return of books.
- Facilitation of the board of e-learning.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

- Physically challenged students are given assistance by the library staff to locate and borrow the books.
- At present there is no visually challenged student in college but few books available in the library.
- The physically challenged person are not required to wait for issuance or return of book

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Yes. The library gets the feedback from its users in the form of-

- The suggestion dropped in the suggestion box.
- Complaints through complaint book register.
- Questioner is provided to collect feedback.
- New books to be added in the library.

The librarian puts the feedback from its users before the library advisory committee. The library advisory advices these complaints and suggestion and forwards the same to the principal for appropriate action. The principal consults the management and take appropriate action. These feedbacks are availed to assure further improvement in library services.

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4.3 IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution.

Number of computers with Configuration (provide actual number with exact configuration of each available system)- 450 with latest configurations and internet bandwidth/speed with 50 mbps BSNL.

Details of PC Configuration are as under: -

Table 4.4 Details of PC Configuration

Type 1 m/c	Type 2 m/c	Type 3 m/c
WIPRO / HCL	Customized	Customized
Intel –i3-2120 cpu@3.30GHz/2GB Ram/320GB Data HDD/19" TFT/Optical USB MOUSE/Keyboard	Intel CORE 2DUO @2.93 GHz/2GB Ram/160GB Data HDD/17" TFT/Optical USB Mouse/Keyboard	Intel Pentium Dual cpu@2.40GHz/1GB Ram/160 GB Data HDD/17"TFT/Optical Mouse/Keyboard
Total Number of computers: - 450		

- Computer-student ratio: - 1:2
- Stand alone facility: - Available
- LAN facility: - Available, All laboratories, Office, Central Library are connected through out (Gigabyte for backbone and 100mbps for end terminals)
- Wi-Fi facility: - Available with 5 access point in campus.
- Licensed software: -

Table 4.5 Details Software

Sr. No.	Department	Name of the Laboratory	Software Specifications	Number Purchased
1	Electrical Engineering	Power System Design Lab	PSIM 7.1	Open Source
			VISIO	Open Source
			MatLab-7	10 users
2	Computer Science Engineering / Information Technology	Object Oriented Programming Lab	Turbo C , Turbo C++, JDK1.7	Open source
		Database management System	Oracle 11i , My SQL ,	05

			SQL Ledger	
		Computer Graphic	Packet Tracer	Open Source
		Language Lab	Windows XP	MSDN 05
		Software Engineering Lab	Rational Rose	30
		Linux Lab	Linux (UBUNTU)	Open source
		Web Technology	Windows 8.1	30 User
		Programming Lab	Microsoft Visual Studio	MSDN
		Project Lab	Note pad ++, Weka	Open source
			Microsoft office-13	05
3	Mechanical Engineering	CAD/CAM	AutoCAD 2014	AICTE Licensed
			DraftSight	Open Source
			SciLab 5.5.2	Open Source
			BRL-CAD 7.24.0	Open Source
			RoboAnalyzer 7.1	Open Source
			Creo	50 user

- Number of nodes/ computers with Internet facility: - 450.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?
- Internet service is available in the Institute for faculty and students.
- Almost every computer in the campus is connected to Internet facility.
- The Principal cabin, Office, HoD and staff rooms, computer centre and computer labs in every department have the facility of Internet.
- The ratio of computer and the students is approximately.1.2
- The College has a digital library, Multimedia section.

Self Study Report

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

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- The students and the society have a free access to the college website, www.agpce.com as well as departmental website.
- Notices and other information are published on to college web site.
- There are 4 (Outdoor CPE) Wi-Fi points available in campus, all of which are providing Internet connectivity to students and other indoor Wi-Fi routers where ever required.
- Computers are made available to the users with internet facility, 10 Mbps speed with UPS back-up facility is available.
- Net connectors are provided for off campus work to the key faculties.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- Institutional plans and strategies for deploying and upgrading the IT infrastructure are as follows:
- Institute is planning to provide IT support to project and research laboratories of respective departments having PG Program.
- Planning to develop open source software laboratory in CSE/IT department.
- Planning to develop Wireless laboratory in wireless department.
- Proposed to establish Cloud computing infrastructure (Cluster) e-laboratory for students.
- Language laboratory facility to be upgraded to accommodate more students per session.
- Planning for Screening Facility on campus so as to facilitate students to enhance their language skills using audio video aid.
- Institute provides unique e-mail ID to students and faculties (Google Apps Educational Account).
- Institute plans to create necessary arrangements to conduct online examinations as per the requirements of University (OES – Online Exam System).
- Proposed to purchase firewall system for proper administration of networking.
- And another set of firewall and networking routers and switches (L2 L3) for networking lab for students.
- Planning to procure and install industry specific software and to train students on these platforms   to enable them to become industry-ready products.
- Planning to increase the bandwidth of internet facility (20 Mbps. To ensure uninterrupted access to students for teaching material on campus and off campus using dedicated servers for LMS – Learning management system).
- Proposed dedicated e-learning facilities for faculty for FDP (Faculty Development Program).
- Every three years computers system is upgraded.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Annual budgetary provision for procurement, up-gradation, deployment and maintenance of the computers and their accessories.

Table 4.6 Details of Annual budgetary provision for up-gradation

Sr. No.	Financial Year	Provision Budget (Rs.)	Utilization (Rs.)	Remarks
1	2015-16	25,03,000	24,53,638	Procurement up gradation deployment and maintenance of the computer and their accessories
2	2014-15	39,02,000	38,53,744	
3	2013-14	21,10,000	20,96,627	
4	2012-13	26,00,000	25,38,223	

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- Faculty member uses laptop and LCD projector in the classroom as a teaching aid.
- The institution has adequate computer facility for its faculty. Faculty rooms are provided with internet facility in their respective departments for preparation of teaching learning materials.
- Faculty is encouraged to use power point presentations for delivering lectures and technical talks.
- For effective teaching, faculty members refer NPTEL open source online lectures during preparation of subject notes. He/she even motivates students to refer NPTEL lectures for their study.
- To make teaching & learning even more effective & interesting, the faculty members makes use of models wherever possible.
- Institute has facility of Academic Monitoring System to monitor attendance of students, course completion & work plan execution.
- Communication between faculty members & students are made easy by providing unique e-mail IDs by the college.
- Dedicated server is provided to students for accessing pdf and NPTL lectures and other open source to students.
- Computer facilities are extensively used for technical training.

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4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching- learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

Institute is well equipped with adequate equipments required for implementing modern teaching methods to be pursued by the faculties in classroom teaching.

Faculties use it extensively while delivering lectures along with chalk & board method. Laptop and internet connectivity modem are provided to the faculty members of the institute. Faculty refers textbooks, online NPTEL lectures from IIT's, and any other effective material available online to prepare the subject.

- ICT enabled classrooms are functioning for improving teaching learning process. Faculty members introduce the authenticity & importance of NPTEL lectures to the students beforehand.
- Faculty members prepare power point slides in a simple and effective form.
- Institute insists and assists the faculties to refer project reports, thesis at other universities for value addition to teaching –learning process.
- Institute promotes the faculties to utilize open source learning platform.
- Along with this, the resources provided by institute are utilized by teachers in creating an environment of NPTL based learning. The data storage space is available at server denoted by _Student Data Servers of 2 TB memory space is a remote center of information in soft form accessible only to the teachers and students with Shared login from any system in LAN. The teachers upload their PPTs, literature collections, etc. in this drive and institute has uploaded NPTL lecture series.
- The students have open access to this and they are motivated to refer the information.
- Net connectors are available to facilitate teaching learning process.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Yes.

- The affiliating RTM Nagpur university library facilities are offered to the students and faculty members.
- 10 Mbps Broad Band Internet through BSNL under National Mission for Education through ICT (NME-ICT).
- NPTEL is used regularly.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Table 4.7 Details of details of budget allocated during last four years (in Rs.)

Sr. No.	Particulars	2012-13	2013-14	2014-15	2015-16
a.	Building	15,15,600	1,90,09,982	1,84,86,520	1,98,83,954
b.	Furniture	6,72,801	17,90,232	5,46,893	12,81,033
c.	Equipment	19,40,215	23,20,308	18,00,216	27,68,437
d.	Computers	13,49,627	5,48,666	23,37,506	10,56,133
e.	Vehicles	-	-	-	-
f.	For office	47,398	1,83,270	23,659	30,110
g.	Library	5,37,000	15,84,000	12,23,000	4,89,000

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college are as follows:

- Supervisors & supporting staff is employed to look after the house keeping of the complete institute.
- The computer hardware, software and its networking are taken care by network administrator and his team.
- Regular maintenance of equipments in all laboratories is carried out by the technical staff at the departmental level while in some cases it is referred to the sales & service department of the equipment manufacturer or a service provider. Concerned laboratory in-charge refers the case to HoD; HoD to Principal for clearance and refers it to the service provider.
- Facilities like projectors, photocopy machine, sound systems, etc. peripherals are maintained by team under store and purchase officer.
- Institute has employed technicians for up keeping and maintenance of electrical and water drinking/ drainage facility.
- Security staff of 22 members under a security supervisor is employed on contract basis to safe guard the whole premises.
- Annual stock verification is done in all departments and report of the faulty and

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non working equipments are forwarded. Necessary repair is undertaken accordingly.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

- The laboratories equipment maintenance register and the condition of the equipment is monitored every Saturday in a week and gets repaired whenever necessary.
- Calibration of equipment/ instruments in all departments is carried out in the beginning of every semester.
- During the visit of service engineers, the equipments are also calibrated.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

Steps taken for location, upkeep and maintenance of sensitive equipments:
- The computer systems and other sensitive equipments are provided with UPS systems so that power failure will not cause any damage to the equipments.
- All precautions are taken to protect the precision equipment by providing voltage stabilizers and individual MCB's.
- Covers are provided wherever needed to keep the sensitive equipment in dust free environment.
- Institute has a Diesel Generator installed in the premises as a power backup facility. Maintenance of this emergency Generator is carried out twice in a month by the Kirloskar Company.

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CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1   Student Mentoring and Support

5.1.1   Does the institution publish its updated prospectus/handbook annually? If 'Yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes. The College publishes its prospectus every year. These documents provide the following information to students-

Prospectus

* The prospectus of the college contains all the information related to the college. The prospectus contains-
  o Profile of the college.
  o The information about the members of the management.
  o Courses offered.
  o Eligibility criteria.
  o Information about Training and Placement cell.
  o Infrastructure and other facilities.
  o Celebrity visit.
  o Teacher-Guardian scheme.
  o Laboratories and Workshops.
  o Events Organized by the college.
  o Achievements.

* **Official Website-** www.agpce.com provides relevant information to the stake holders and the website is updated regularly.

* AGPCE ensures its commitment and its accountability in the following manner-
  o Complete transparency in admission as per the process prescribed by Directorate of Technical Education Maharashtra.
  o Adherence to Academic Calendar framed by the University.
  o Maintenance of Academic Dairy.
  o Conduct of unit test.
  o Assignment.
  o Organization of seminars, Workshops and conferences.
  o Regular feedback from the students and the parents.
  o Conduct of Parent-Teachers meeting.

5.1.2   Specify the type, number and amount of institutional scholarships / free ships given to the students during the last four years and whether the financial aid was available and disbursed on time?

* Vidharbha Bahu-Uddeshiya Sikshan Sanstha the foundation society decides the financial outlet. The foundation society gives "Aakash" Scholarship to the deserving students.

  Details of "Aakash" Scholarship during Last four years-

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Table 5.1 Details Aakash Scholarship (in Rs.)

2012-13		2013-14		2014-15		2015-16	
No.	Amount	No.	Amount	No.	Amount	No.	Amount
NA	NA	6	46,000	15	1,16,000	NA	NA

- The college disburses the amount towards Aakash scholarship through Cheque.

5.1.3 **What percentages of students receive financial assistance from state government, central government and other national agencies?**

The details of GOI scholarships during the Last four years are as follows-

Table 5.2 Details of GOI Scholarship (In %)

Type of Scholarship	2012-13	2013-14	2014-15	2015-16
Post Matric Scholarship (SC,ST,OBC,SBC,VJNT)	79.73%	84.76%	79.09%	71.73%
State Government Minority	NA	NA	NA	NA
Central Govt. Minority	0.30%	1.90%	1.91%	2.21%
EBC	3.51%	4.60%	4.42%	6.26%

The students who belong to Economically Backward classes are given financial help by Government in order to enable them to pay the fees of the college.

5.1.4 **What are the specific support services/facilities available for**

The various Scholarship, Schemes and privileges available from Social Welfare Department, State and Central Government are made available to the students.

i. Students from SC/ST, OBC and economically weaker sections
   - Scholarships are given to SC/ST/OBC students.
   - EBC concession is given to the students who belong to economically weaker sections.
   - Relaxation in cut-off percentage for admission as per the rules of Director of Technical education Maharashtra.
   - The Book bank facility is exclusively mate for the SC/St students.
   - The facility of making a payment of the fees in installment is given granted to the students.

ii. Students with physical disable
   At present no physical student has sought admission to the college. The college, however is prepared to give the following supports facilities to such students.
   - Class room at ground floor.
   - The toilets of western type.
   - Easy access to the teachers and the Principal.
   - Assistance to locate, Borrow books and journals to browse in the library.

iii. Overseas students

There is no overseas student in the college.

iv. Students to participate in various competitions/National and International

o The encouragement for active participation in various competition organization University/State/National Level/International level given to the students. The college organizes workshops and seminars at college level to hone the skills of the students.

o The student's desires of participating in the competition are guide by the teachers.

o The attendance facility and financial help are accorded to the students who attend the seminars/workshops/conferences/ competitions.

o The college helps these students by providing internet facilities.

o The laurels won by the students are acknowledged.

v. Medical Assistance to students: health centre, health insurance etc.

o AGPCE has appointed a part time medical doctor. The doctor is available for the students in described hours. First aid facilities are available in the college.

o Medical treatment during any emergency is made available at the nearby hospital.

o Health checkup of the students is done every year.

o To create about Health and hygiene the lectures by the imminent persons from the medical fields are arranged.

vi. Organizing coaching classes for competitive exams

o AGPCE has established competitive examination center to guide the students about various competitive examination centers.

o Aptitude and soft skills training classes are regularly conducted by Elegance department of the college.

o The study material including Magazines and Journal related to competitive examinations is available in the library of the college.

vii. Skill development (spoken English, computer literacy, etc.,)

o In order to ensure that the students of the college have an opportunity to hole their communication skills the college has established Language Laboratory. Similarly regular classes are conducted to impart competency in the language and the office skills to the students.

o AGPCE has Computer Science & Engineering which conduct the classes to upgrade the students with emerging technologies.

o The personality development programmes are conducted by the Elegance Department and National Service Scheme of the college

viii. Support for "slow learners"

o Amongst the students who have sought admission to college there are some slow learners. These slow learners are identified. All efforts are made by the teachers to reinforce these students. In order to enable these students to comprehends the academic programme and improve the performance extra

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assignments are given to the students. Similarly extra classes are conducted for such students.

o The members of the teaching staff council the students and accord tips and suggestions to improve memory and concentration.

ix. Exposures of students to other institution of h i g h e r learning/ corporate/business house etc.

o Several colleges affiliated to Rashtrasant Tukadoji Maharaj Nagpur university Nagpur organized inter collegiate seminar and workshops. The college encourages the students to participate in these programmes for enhancement of their knowledge.

o The imminent educationist from reputed institution are invited to share their knowledge and experience with the pupils and collegiate.

o The visitation programme to industrial establishment is regularly organized to provide exposure to the students to industry business. In this visits the students get themselves enlighten about various aspects of the industry such as production, Marketing, Supply, etc.

o The college achieves Institution-Industry interface through academic projects undertaken on issues related to manufacturing and marketing industries.

x. Publication of student magazines

o AGPCE publishes its annual magazine "Reflection" every year.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

- The Entrepreneurship Development Cell of the College endeavors to create awareness amongst the students about Entrepreneurship. These endeavors include organization of lectures by industrialists, corporate trainers etc., workshops in which successful entrepreneurs guide etc.

- Leadership skills and acumen required for an entrepreneurship are developed by encouraging the students to take initiatives in organizing seminars, workshops and the programs organized to celebrate important days.

- The College conducts Skill Development Programs to develop the technical and managerial skills of the students.

Impact of the Efforts

- The students of AGPCE have sought employment in several public and private organizations.

- Some students have become entrepreneurs.

- Some students have found important positions in corporate houses.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

- Additional academic support, flexibility in examinations

o The Academic Calendar of the College is prepared before the commencement of the Academic Year and is exhibited on the notice board.

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- o The forum and chapter activities are conducted every year as per the slot given in the time table. This ensures maximum participation of the students.
- o Relaxation in attendance as per the rules and flexibility in taking a unit tests and completing assignments are provided to the pupils who participates in extracurricular and co-curricular activities.

- **Special dietary requirements, sports uniform and materials**
  - o The students who participate in sports/games and NSS activities are provided with nutritious food during practice sessions, competitions and community services.
  - o The students who participate in sports are provided sports uniform and required sports equipments.

- **Any other**
  - o The college gives prizes etc. to the students who achieve excellence in sports and other activities.
  - o The expenditure to be incurred upon the participation of students in intercollegiate competition is borne by the college.
  - o On every Saturday after three lecture periods the students are allowed to play games of their choice in the college campus.
  - o The student's achievements are appreciated with cash prizes.
  - o The information pertaining to their achievements, the photos are displayed on the notice board.
  - o Press coverage of the programs organized by the students in the college are also displayed on notice board.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

- The placement cell and the competitive examination centre of the college impart aptitude training and soft skill programs.
- Adequate study materials for preparations and practice are available in the library.
- Details of students who have cleared competitive examinations….--

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

The subject teacher counsels the pupils in respect of academic problems. The Teacher Guardian monitors the academic progress of the students. If necessary, corrective measures are suggested. The performance of the students in tests and assignments is monitored and if lacunae are found corrective measures are taken.

Personal Counseling:
- o The members of the teaching staff attempt to form close association with the students. The association with the students enables the teachers to give emotional support to the students. The teachers after winning the confidence of the students improve the student's emotional quotient and social quotient.

Carrier Counseling:
o Every department of the college organizes guest lecture to bridge the industry-institution interface. The guidance is provided to the students in respect of employment opportunities by the teachers.
o AGPCE organizes on regular basis, Carrier Guidance Program.

Psycho Social Counseling
o In order to provide redressal to the students in respect of psycho social problems AGPCE has established Grievance Redressal Cell, Anti Ragging Committee and Students Welfare Committee.
o If the student is confronted with some psycho social problems he/she approaches the principal or senior teachers and get solutions to their problems.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes. AGPCE has a structured mechanism for carrier guidance and placement. The Placement Cell and Carrier Guidance Cell of the College guide and help the students in securing employment.

The above mentioned cell and centre provides awareness to the students about the attributes and skills required to seek employment in the job market.

This awareness is created through workshops and seminars. These departments trains and equip the students in such a way that they are ready to face interviews and appear at competitive examinations.

The classes are held to provide instructions regarding Resume Writing, aptitude training, soft skill training etc

Books on personality development, general knowledge, general awareness and competitive examinations in the library of the college.

The details of the students selected during campus interviews by the different employers are given below—

Details given in Criteria II of 2.6.4

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes. AGPCE has Students Grievance Redressal Cell. A student who has any grievance can straight way approach the Head of the Department or Principal and express his grievance. Similarly a suggestion box is placed near the office or vice principal in which the students can drop their complaints and grievance in writing. The box is opened periodically and due actions are taken after verification to redress the grievances.

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Table 5.3 Students Grievances Redressal Cell

Sr. No.	Category	Name of Committee members	Department	Designation
1.	University	Dr. G. S. Natarajan	Appointed by Parent University	
2.	OMBUDSMAN	Adv. Anan De		
3.	2 Faculty Members	Prof. Sneha Tibude	EE	Incharge
4.		Prof. Vidya Bodhe	CSE	Co-Incharge
5.	Students (1 from each Department)	Akanksha Bondade	CSE	Member
6.		Ashish Ramteke	IT	Member
7.		Amit Waskar	ME	Member
8.		Vikas Maurya	EE	Member
9.		Dhiraj Ganar	ETRX	Member
10.		Sandhya Meshram	ECE	Member

Grievances redressed during the last four years

Table 5.4 Details of Grievances and Redressal

Grievances	Redressal
Problems related to interaction with office staff.	The meeting of the office staff was convene and the members of the office staff are advised to maintain cordial relationship and use polite language while dealing with students.
Problems related to teaching of certain teachers	The teachers, against whom the grievance is lodged were called and informed personally about the grievances of the staff and explanations were sought confidentially. They were advised to change their way of teaching to the students requirement and as per methodology. They were advised to make teaching more students centric.
Complaints about theft of articles possessed by the students	The security guards were installed to check Id cards of all the persons entering the campus at the gate. CCTV footage was also seen to find out the culprit.
Supply of pure drinking water	Water purification systems were immediately installed in the college.
Trespassing of the campus	The guards were immediately directed to stop the trespassing.
Cleanliness Issues	The toilets were renovated. The housekeeping staff was immediately directed to maintain the cleanliness of toilets.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

- AGPCE has Female Welfare Committee. This committee deals with sexual harassment issues. Fortunately in the years gone by there has been no case of sexual harassment in the college premises. Out of campus harassment cases are resolved through the help of local police.

- Awareness regarding the sexual harassment and need to protest against it is created through rallies by NSS volunteer. The college organized the program "Sexual Harassment of Women at Workplaces Act 2013" was organized by the

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college in which Hon'ble Justice Shri Vikas Shirpurkar (Retired Judge of Supreme Court of India) and Advocate Vaishali Khadakar enlighten the students.

Table 5.5 Female Welfare Committee

Sr. No.	Name of Committee Members	Designation	Appointed As
1.	Prof. Pragati Patil	Vice-Principal	Chairperson
2.	Prof. Bushra Khan	Assistant Professor	Member
3.	Prof. Ajay Mahawadiwar	Assistant Professor	Member
4.	Prof. Nitin Sakhare	Assistant Professor	Member
5.	Prof. Sonal Honale	Assistant Professor	Member
6.	Dr. A. K. Bagchi	Founder of A. K. Bagchi NGO	Member (NGO Nominee)
7.	Mr. Shyam Shahane	Head, Student Section	Member Secretary

5.1.12   Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

- Yes. There is an Anti Ragging Committee in the college. Fortunately no complaint so far has been received by the office of the principal in respect of ragging.
- The college however has created awareness about ragging and its consequences through message boards.

Table 5.6 Anti Ragging Committee

Sr. No.	Name of Committee Members	Designation
1.	Prof. Ajay Mahawadiwar	Chairman
2.	Prof. Bushra Khan	Member
3.	Prof. Sonal Honale	Member
4.	Prof. Gajanan Patle	Member
5.	Prof. Shashikant Kewte	Member
6.	Ms. Anita Wankhede	Member
7.	Prof. Dushant Waghmare	Secretary

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5.1.13   Enumerate the welfare schemes made available to students by the institution.

- Counseling and placement services
- Canteen facility with hygienic food at subsidized rates
- Safe drinking water supply
- Skill development programs
- Medical assistance
- Scholarships and EBC Concession
- Payment of Fees in installments
- Lodging and Boarding Arrangements

5.1.14   Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Yes. The college has alumni association registered with the Charity Commissioner with permanent registration no. **MH - 193/17**. The activities and major contributions of Alumni Association are:

- Interactions with the students for Carrier Guidance and Placement Assistance
- Organization of awareness program on Entrepreneurship and Corporate Culture
- Playing the roles of judges for various competitions held in the college.
- Help in running Yoga Classes in the college
- Enlightenment of the students about the Academic Programs.

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5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Table 5.7 Details of Students Progression

Program	2012-13	2013-14	2014-15	2015-16
UG to PG	4.58%	5.02%	5.39%	5%
PG to M. Phil.	Nil	Nil	Nil	Nil
PG to Ph.D.	Nil	Nil	Nil	Nil
Employed Campus selection Other than campus recruitment	76.15%	78.22%	65.13%	80%

Note: The College has the data of the students passed UG final examination and sought admission to PG programs in this college but several students passing UG final examination from this college might have sought admission to other colleges for PG program. That data is not available in the office of the college. Similarly the placement cell has the data of the students who have been employed through the campus selection in the college is available but students who have sought employment on their own is not available in the college.

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district

Table 5.8 Program wise Pass Percentage

Program		2012-13	2013-14	2014-15	2015-16
B. E.		95.83%	71.05%	73.75%	84.66%
M. Tech		72.15%	57.71%	80.00%	81.49%

Table 5.9 List of Rank Holders

Sr. No.	Name	Program	Place in Order of Merit of University	Year
1.	Pooja Rawte	M-Tech CSE	Six	2014-15
3.	Angha Markhandey	M-Tech CSE	Fourth	2012-13
4.	Mayuri Uttarwar	M-Tech CSE	Third	2012-13
5.	Shahid Ansari	M-Tech IPS	First	2015-16
6.	Lalit Dhage	M-Tech IPS	Second	2015-16
7.	Pratibha Ghode	M-Tech CSE	Tenth	2012-13
8.	Mayuri Uttarwar	M-Tech CSE	Third	2012-13
9.	Prtibha Ghode	M-Tech CSE	Fifth	2012-13
10.	Roshana Kale	M-Tech CSE	Seventh	2012-13

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5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

- AGPCE conducts Add On Courses an Personality development. These course facilitate students progression to higher education and employment.
- Several seminars and workshops are conducted by the college to enhance the quality of teaching. The student who participates in such programs get motivated to opt for higher level of education.
- AGPCE conducts visits to industrial establishments and educational tours. These visits and tour imparts practical knowledge in the students. This also facilitates students progression to employment.
- The library of the college provides information about various examinations and employment opportunities and contributes in the process of progression of students to higher level of education.
- The placement cell of the college ensures good to carrier prospects to the students through training programs which helps them achieve employability.
- All advertisements and notifications related to higher studies employment opportunities are intimated to students through circulars and notice boards displays.
- Workshops on aptitude training and entrepreneurship are organized to motivate the students and equip them to proceed for employment.
- The students are given lessons of spoken and communicative English so as to develop the competency and the proficiency which is required in any employment.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

- Some students every year are found to be at the risk of failure and dropout. Such students are counseled by the teachers concerned. The parents of such students are requested to support their wards.
- The remedial classes and the special coaching classes are conducted to support such students.
- The teachers are asked to pay special attention to such students.
- Moral support is accorded to such students.
- Academic counseling also is done by senior teachers.

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5.3   Student Participation and Activities

5.3.1   List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The following sport activities are organized regularly

i.   Cricket
ii.   Badminton
iii.   Soft Ball
iv.   Chess
v.   Volley Ball
vi.   Tug of War
vii.   Foot Ball
viii.   Table Tennis
ix.   Swimming
x.   Kabaddi
xi.   Singing
xii.   Dancing
xiii.   Drama
xiv.   Fashion Show

Table 5.10 Intercollegiate and University Level Participation

Year	Intercollegiate Level	University Level	National Level
2012-13	58	58	00
2013-14	85	86	00
2014-15	62	80	00
2015-16	69	85	00

Table 5.11 List University Sports Participation

Sr. No.	Session	Name of Sport	No. of Participation
1	2012-13	Badminton	10
		Foot Ball	10
		Volley Ball	12
		Cricket	15
2	2013-14	Volley Ball	09
		Badminton	10
		Chess	10
		Tug of War	21
		Foot Ball	17
		Base Ball	01
3	2014-15	Soft Ball	18
		Foot Ball	17
		Kabaddi	15
		Badminton	10
		Chess	09
		Cricket	16

		Swimming	02
		Chess	08
		Badminton	10
4	2015-16	Table Tennis	06
		Volley Ball	10
		Cricket	19
		Foot Ball	16
		Soft Ball	16

5.3.2 Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University/State/Zonal/National/International, etc. for the previous four years.

Table 5.12 Major student achievements in co- curricular, extracurricular and cultural activities at different levels

Sr. No	Name of Student	Award / Recognitions	Position / Remark	Organized By
1	Naresh Bamhnote	Raman Science Centre, Nagpur, Science & Engineering Fair	Model & project contest	Raman Science Center, Nagpur
2	Ankush Gedam	Raman Science Centre, Nagpur, Science & Engineering Fair	3rd / Model & project contest	Raman Science Center, Nagpur
3	Rahul Gautam	Raman Science Centre, Nagpur, Science & Engineering Fair	3rd / Model & project contest	Raman Science Center, Nagpur
4	Malkit Singh	VORTECHX	1ST/ automobile quiz	Shri Ramdeobaba College Of Engg& Management
5	Yadnil parate	VORTECHX	1ST/ automobile quiz	Shri Ramdeobaba College Of Engg& Management & KDKCE
6	Abhilash Chawke & Group	Technokiran-16 & Brainwaves2016	Paper Presentation	Pandav College Of Engg.& JD College Of Engg & Management
7	Vaibhav Papadkar & Group	Oorja2016	Paper Presentation	Dr. Babasaheb College Of Engg & Research
8	Swapnil Bhagat & Group	Brainwaves 2016	Paper Presentation	JD College Of Engg & Management
9	Mayur Gandharwar & Group	Torque 16	Paper Presentation	Priyadarshani College Of Engineering, Nagpur
10	Krishna Pandey & Group	Electofest 2016	Paper Presentation	KDK College Of Engg.
11	Shridhar Lade & Group	Brainwaves 2016	Paper Presentation	JD College Of Engg & Management
12	Vaibhav Upate & Group	Brainwaves 2016	Paper Presentation	JD College Of Engg & Management

13	Pawan Jadhav & Group	Electofest 2016	Paper Presentation	KDK College Of Engg.
14	Piyush Nimbarte & Group	Oorja2016	Paper Presentation	Dr. Babasaheb College Of Engg & Research
15	Akash Kene & Group	Brainwaves 2016	Paper Presentation	JD College Of Engg & Management
16	Kanchan Hemane & Group	GNIET	Paper Presentation	GNIET

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

- AGPCE has a formal feedback mechanism where outgoing students fill a standard feedback form. The students express their opinions and views about the teaching learning, canteen facility, library and other services available in the college. Based on the feedback steps are taken to improve the support services.
- Alumni also provide feedback.
- The eminent educationist and the industrialist who visit the college for guest lecture, workshops, and seminars give suggestions for considerations improvements in quality to the college authorities. Similarly corporate employers who participate in the campus placement project also recommend measures for improvement of performance. The authorities of the college consider these suggestions and take proper steps.
- The college conducts parent teacher meet regularly. These meetings help the college authorities develop rapport with parents and keep them informed about the progress of their wards. In these meetings the parents express their opinions about the facilities and the amenities available in the college. The college authorities give serious considerations to the feedback given by the college.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications / materials brought out by the students during the previous four academic sessions.

Every year AGPCE as Published Annual Magazine by the of Reflection

     i.   Reflection 2012-13
    ii.   Reflection 2013-14
   iii.   Reflection 2014-15
   iv.   Reflection 2015-16

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Abha Gaikwad-Patil College of Engineering, Nagpur is affiliated Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The university was governed by Maharashtra Universities Act 1994. There was no provision of Students Council in Maharashtra Universities Act 1994 nor any statute was framed in this respect by the parent university.

Maharashtra Universities Act 1994 has been repelled on 28th February 2017. And

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Maharashtra Public Universities Act 2016 has come into effect from 1st March 2017. In this act there is a provision of Students Council. The Students Council as per Section 99 of Maharashtra Public Universities Act 2016 will be formed at the commencement of new Academic Year 20117-18.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

The academic and administrative bodies mentioned below have student's representative in them.

- Internal Quality Assurance Cell
- College Annual Nature Club
- Campus Beautification Committee
- Students Welfare Committee
- Sports Committee
- Anti Ragging Committee
- Library Advisory Committee
- Extension Activity Committee
- Best Practices Committee
- Female Students Welfare Committee
- Hostel Committee
- Canteen Committee

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

The Alumni Association of AGPCE, a registered body is very active. The Alumni Meet is held from time to time. The college seeks the collaboration of alumni through Phone Calls, e mails and Personal Contacts. The alumni are invited as resource persons and as judges in various college events.

The present members of the teaching staff of the college maintain a cordial bondage with the former members of the staff of the college. The former members of the staff are invited for all college functions. Many of the former staff members visit the college to accord support in organization of various programs.

Any other relevant information regarding Student Support and Progression which the college would like to include.

- Special drives, campaigns and training classes and workshops are regularly organized to promote culture, heritage consciousness, to deepen national consciousness and social awareness.
- The sensitization programs about social issues, social responsibilities etc are organized every year.
- The College endures to create a continuum for coalescence of abilities, skills, rich morals, ethical values, competence and excellence to enable the students to respond to changing situations and cause and contribute to national development.
- The college imbues students with knowledge and wisdom to fetch their aspirations to fruition and to engineer a dynamic, vibrant, sagacious, self reliant, skilful and egalitarian society.

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CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

VISION:

"To pursue knowledge beyond horizon and create a continuum for coalescence of abilities, skills, rich morals, ethical values, virtues, competence and excellence to enable the students to respond to changing situations and cause and contribute to national development".

MISSION:

"To imbue students with knowledge and wisdom to fetch their aspirations to fruition, to deepen national consciousness and to engineer a dynamic, vibrant, sagacious, self-reliant, skilful and egalitarian society".

- AGPCE has been working with a Mission to imbue student with knowledge and wisdom.
- The College ardently desires that there should be fruiter of the aspiration of the students. Similarly the College wants to deepen national consciousness amongst the students and enable them to engineer a dynamic, vibrant, self reliant, skilful and egalitarian society.
- The aims at creating a platform for a student's where different abilities, skill, rich morals, ethical values, virtues, competence to coals and enable the student to respond to emerging situation.
- AGPCE organizes programmes and activities which contribute the process of accomplishing the mission of the College.
- The College provides counseling services and encourages the students to get themselves engaged in project works, Surveys, writing repots, model making and other activities. The engagement in such activities enables the students to get adequate knowledge.
- The students are also engaged in social service activities, cultural activities, in such a way sagacity is inculcated amongst themselves.
- Awareness and sensitization towards national Responsibilities, Civic Sense, Charitability, a folding the culture and tradition is created by involving the people in various extension activities.
- The College makes all possible efforts to instill values and make youths the torch bearers they live in.
- The College wants the students to pursue knowledge beyond horizon i.e. metal

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perception for these educations replete with quality is imparted to the students and efforts are made to enable the students to art of thinking.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

- All the stake holders of AGPCE play role in design and implementation of its quality and its plans.

- The management of the College seeks a regular, comprehensive, strategic plan from the Principal from the overall development of the College. The members of the management of the College along with the Principal supervises and monitor the conceptualization of the strategic plan which is based on the input provided by the members the teaching staff.

- The IQAC of the College is actively involved in the process of the design and the implementation of the quality policy after detail deliberation in the meetings in which the Principal and the members of the IQAC and the Head's share the views with each other.

- The members of the teaching staff are guided and motivated by the Principal in effective implementation of the plans. Then the Principal takes initiative in forwarding the proposals necessary for quality improvement to the management. The managements accord its approvals to these plans.

- The several committees headed by teachers with experience and expertise under the stewardship of Principal continuously monitor and access the execution of activities as planed and scheduled.

6.1.3 What is the involvement of the leadership in ensuring?

- The policy statements and action plans for fulfillment of the stated mission.

  The policy statements and action plan sought by the heads of the institute and by the managements. In response to the demand of the management the Principal of the College strategic plan of the College then at the instance of top management these plans are executed. The execution of plan periodically reviewed by management. The Principal liaises between the management and other stake holders. The management has accorded absolute autonomy to the College besides necessary supports, structure and financial help for the realization of Vision and Mission. In the process of implementation of the plan the Principal ensure that there is no deviation and the quality remains the watchword.

- Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.

  AGPCE organizes various Academic, Non academic, Co-curricular and

Self Study Report

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

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Extracurricular programmes through various committees and cells. These committees and cells consist of members of the teaching staff, the member of the non teaching staff and student representative. They together plans, work, check and act. The action plan is provided by them for all the operation at the ground level. The Principal of the College controls and manage the plans of the committees and cells along with the members of the IQAC and integrates the action plan of all the committees and cells into Institutional strategic plans.

- Interaction with stakeholders

  The management of AGPCE takes into consideration the views of employees, students, teachers, alumni, parents, academicians, Educationist, Industry experts, etc, who are the stake holders for relevant decision. The stake holders interact with each other in formal and in informal manner. The head of the institution amalgamations of all their views and opinions and convey to the top of the management.

- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders.

  The management of the College possesses parental attitude and its participation in planning and in execution encourages and sustains the involvement of the staff which is prerequisite of the effective and efficient functioning of the College. The regular staff meetings, Local Managing Committee meetings and departmental inspection by the Principal are the means by which need analysis is done. The Principal obtain the research inputs through IQAC. The meeting of the students is conveyed to know the views of the students. Similarly the meetings of parent and teachers, alumni association etc provide the ground for consultation of the stake holders.

- Reinforcing the culture of excellence

  - AGPCE leaves no stone and turn to reinforce the culture of excellence.
  - Continuous self appraisal.
  - Provision of opportunities for advanced learning.
  - Continuous nurturing of the stewardship and reinforcing excellence by giving prizes and awards to the achiever.

- Champion organizational change

  The leadership of the College is aware of the system and practices of technical education. Similarly the leadership of the College knows the capricious nature of the students and the fluctuating changes in the admission scenario in the fear of technical education in the state of Maharashtra. The leadership accordingly champions organizational changes to cope with it.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- As asserted earlier absolute autonomy is given to a Principal and in term Principal gives substantial autonomy to the heads of the department.

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- The rearview meetings are periodically held at different levels to access, to evaluate and to monitor the policies of the College regarding quality, execution of the plan, implementation of the decision of the management, University and Government. It is also examine whether there is proper content delivery and improvement in the process and in procedure.
- Regular feedback at various levels from the stake holders helps in these regards.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

- The head of the College and the members of the teaching staff are encouraged by the top management. As already stated the top management has accorded absolute autonomy to the head of the College in delivering the academic responsibilities. In addition to this they are encouraged to take decisions independently in respect of activities of the College within the ambit of the policy. In the same manner the management encourases and supports the innovations.
- The members of the management are always in search of the persons who possess higher qualifications, penchant for research and expertise at all levels of College operations. Such people are appointed as teachers and after joining the College they too are encouraged to pursue higher studies along with other teachers.
- It is ensured that adherence to the rules is maintained and complete transparency is maintained.

6.1.6 How does the College groom leadership at various levels?

- The members of the teaching staff are entrusted with the responsibility of chairing important committees. The teachers grab this opportunity and evince their leadership qualities.
- Heads of the departments monitor the smooth conduct of class room teaching, practical work and curriculum delivery as per the calendar of events.
- The leadership of administrative office is interested to administrator officer of the College and the administrative officer monitors the routine execution of procedures related to day to day administration, Human Resourc
- e management and operations related to finance.
- The students, who are also important stakeholders are also given opportunity to develop the quality of leadership. They are involved in organizing fest, various competitions and events. This involvement in organizing events augments their decision making skills, competitive spirit and leadership skills.

6.1.6 How does the College delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

- The top management supervises the design of plans and policies. The actual governance of the College activities, however, is brought about by a decentralized

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system which offers autonomy to departments, committees and cells at operational levels.

- As per the ordinance 24 (College code) the Principal of the College is the academic and administrative head of the College. He/She possesses all administrative and financial power. The financial autonomy for the routine operations within the budget approved by the top management, correspondence and coordination with the parent university and the regulatory authorities are the prerogatives of the Principal. The Principal is responsible for the discipline in the College.

- The heads of the departments and his/her colleagues in the department are entrusted with the responsibility of implementation of curriculum through teaching-learning-evaluation, maintenance of attendance discipline of students, refining teaching pedagogy etc.

- The heads of the departments have the operational autonomy to plan and execute their activities with the consent of the Principal.

- The heads of the departments frame the time table and meet the Principal and then consolidated time table of the College is prepare and exhibited on the notice board of the College. The heads of the departments distributes syllabi amongst the teachers of the department, decides about procurement of the equipment consumables and approaches the Principal for approval. The approval is granted by the Principal. Similarly the guest lectures, workshops, seminars, visit to industrial establishment are recommended by the heads of the departments.

- The members of the committees/sales conduct the extracurricular activity in consultation with director of physical education. They prepare the budget for the activity and get the same sanctioned by the Principal. The Principal ensures that the amount to be spent on these activities is in keeping with the provision for the same made in the annual budget of the College.

6.1.7 Does the College promote a culture of participative management? If 'yes', indicate the levels of participative management.

- The management members, the Principal, the representatives of the teachers and the representatives of the nonteaching staff come together to take executive decisions in respect of the College.

- Internal Quality Assurance Cell is also empowered to take decision in the academic matters.

- The preparation of the academic calendar, implementation of the rules and regulations lay down by the regulatory bodies and issues related to day to day operations of the College are decided in the meeting convened by the Principal in which the heads of the departments and coordinators of important committees participate.

- Head of the department is at the helm of affairs of the department. He/She six

6.2   Strategy Development and Deployment

6.2.1   Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

- Achievement of holistic development of peoples is the ultimate aim of the College. In keeping with this aim the quality policy of the College is framed and stated. The overall development of peoples require proper teaching and learning process opportunities for research, adequate infrastructure and efficient governance.

- Internal Quality Assurance Cell of the College develops the quality policy in concultation with the Principal, heads of the departments and members of the teaching staff. The Internal Quality Assurance Cell of the College is committed to adhere to the principles enunciated by NAAC for achievement of quality and sustenance and enhancement of the quality. The process of quality is enrooted to the Principal through the nonteaching staff, the teachers and heads of the departments. The quality process is deployed through financial, academic and administrative operations which benefit all the stake holders. The quality policy is reviewed periodically on the feedback given by the stakeholders and the changes are incorporated accordingly.

6.2.2   Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

- The top management and the academic administrative head of the College i.e. the Principal work in coordination to develop a porspective plan and prepare the schedule for development in the days to come. The prerequisite of the preparation of perspective plan is the anticipation of fluctuations which are going to transpire in the academic synario of the region. The perspective plan of the College includes upgradation of infrastructure, renovation of existing facilities, inculcation of research culture and introduction of new courses. The committees are formed at the level of the department to further the academic growth and infrastructure development of the College. Several factors are taken into consideration while the perspective plan is made. Some aspects taken into consideration for inclusion in the perspective plan have been;
- Currier oriented and skill development courses
- ICT aided teaching in all departments.
- Closure of some courses in which the students are reluctant to seek admission.
- Enhance placement service.
- Industry exposure to the students, Language laboratory, 24 X 7 uninterrupted internet accessibility, Augment extension activities.

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6.2.3   Describe the internal organizational structure and decision making processes.
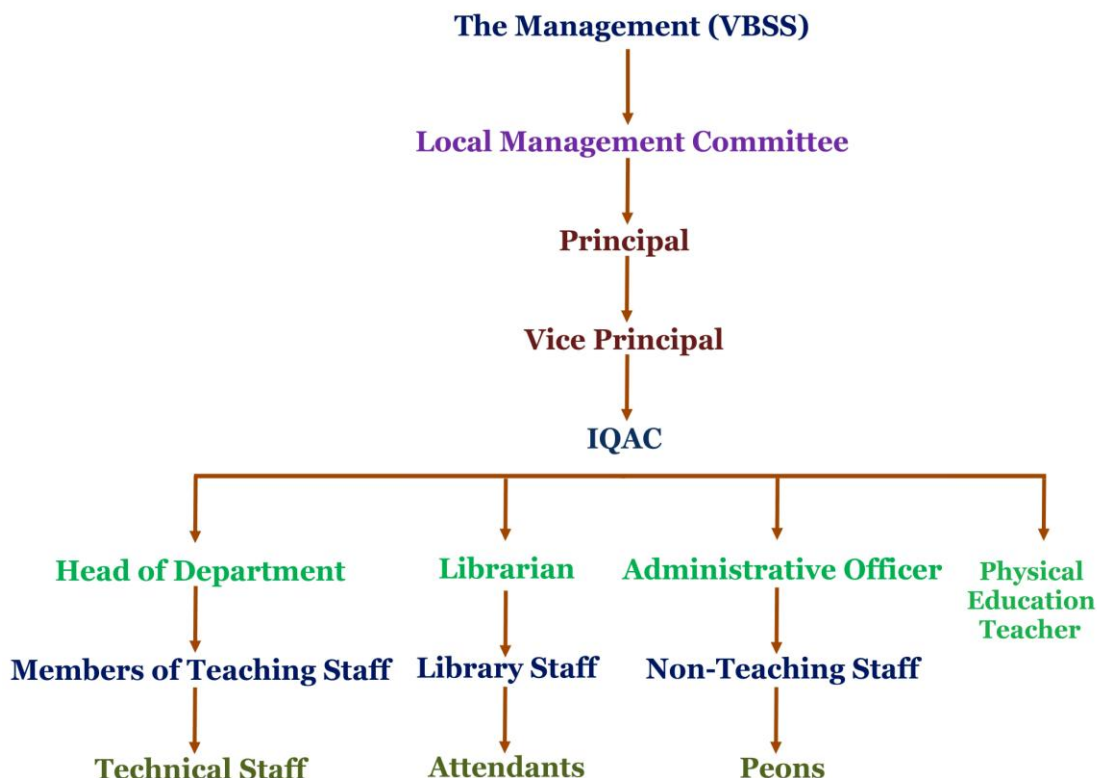
AGPCE is managed by Vidharbha Bahu-Uddeshiya Sikshan Sanstha, Nagpur. The local managing committee (now called College development committee) under the control of Vidharbha Bahu-Uddeshiya Sikshan Sanstha takes all major administrative and policy decisions, makes budget allocation and straight the strategies.

- The executive committee of Vidharbha Bahu-Uddeshiya Sikshan Sanstha appoints the Principal of the College in keeping the statutory provisions made by the university. The persons for the post of Principal of the College are selected by the selection committee constituted by the parent university. The teachers and all other employees are appointed by the Principal on behalf of local managing committee of the College. The candidates to be appointed as the members of the teaching staff are selected by the selection committee framed by the esteemed university. The members of the nonteaching staff are selected by the selection committee as per the provision in standard code prescribed for nonteaching employees in nonagricultural universities framed by government of Maharashtra. Consequent upon selection they are appointed to various nonteaching posts.

- The academic operations of the departments are discussed by the head of the department with his/her colleagues in the department and the decisions are communicated to the Principal and the consent of the Principal is obtained for smooth progress of the work.

- Day to day activities are decided by various committees and the cells.

- Sometimes the Principal takes the decision regarding the academic operations and conveys the same to the heads of the department for execution.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning

  Some of the strategies aimed at improvement in teaching and learning process are given below:
  - Recruitment of qualified, Experience and competent teachers.
  - Organization of faculty development program.
  - Organization of training programmes.
  - Encouragement in workshops/Seminars/Conferences organized by other organization/Institution.
  - Augmentation of facilities for ICT-based system.
  - Adoption of student centric approach.

- Research & Development
  - Organization of research oriented activities.
  - Encouragement to imbed research culture.
  - Motivation to the teachers to pursue research.
  - Provision of necessary resources and support.
  - Encouragement to members of the teaching staff and the students to undertake research project.

- Community engagement
  - AGPCE undertakes a number of extension activities through teachers and students like
  - Student rallies.
  - Environment rallies.
  - Awareness programmes.
  - Teaching in schools.
  - Blood donation camp.
  - Data collection.
  - Visit to schools for imparting computer education, etc.

- Human resource management
  - Creation of the conducive environment for teaching learning.
  - Provision of good infrastructure.
  - Availability of welfare facilities for the member of the staff.
  - Involvement of the staff in decision making process.
  - Provision of incentives to the member of the staff who give good performance.
  - Transparency in administration.

- Industry interaction
  - Enhancement of industry-Academia interface through guest lectures, seminars, workshops.
  - Conduct of internships and industrial visits.
  - Organization of events and programmes in collaboration with industrial establishment.
  - Organization of placement drives.

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6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

- The Principal conducts the meeting with the members of the management.

- In these meetings with the members of the management which are frequently held, the head of College apprises them about the information related to functioning of the College.

- The head of the institution conveys the perception of stake holders about the development of the College in informal manner also.

- The information I conveyed on the basis of feedback obtained from students and from others and also from personal contacts.

- The feedback obtained through student, the visiting educationist, grievance redressal cell is conveyed to the top management by the Head of the departments.

- The Head of the institution receive inputs from Heads of the department and from other members of the staff regarding the calendar of events and submit consolidated report to the top management on periodically.

- These reports provided by the Principal helps the top management to review the academic and non academic activities of the College.

- The Principal of the College collects proposals, repots, entreaties, etc from the members of the staff, prepares the reports and sends the same to the top management.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

- The Local Managing Committee of the College is headed by the Chairman of the foundation society i.e., Vidharbha Bahu-Uddeshiya Sikshan Sanstha, Nagpur, minimum two meetings of the Local Managing Committee is held every year. The issued like budget, academic functioning, non academic activities, the facilities etc are discussed and decided in these meeting. The three members of the teaching staff and one member of the non teaching staff are the member of the committee. They have their say in the discussion and decision.

- The management representative interacts also with the member of the staff in informal manner also. All the important events organized by the College are attended by the member of the management. The presence of the members of the management encourages and motivates the staff.

- Several welfare majors instituted by the management at as an incentive to greater involvement of staff in various processes carried out at College. Since autonomy is given to the staff in academic matters and transparency is maintain administration of the College the staff gets motivated to involve themselves in developmental activities.

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- The reports about feedback, remedial programmes, IQAC activities, grievance redressal, etc, periodically sought by the management.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Table 6.1 Resolutions made by the Management Council and Status

Sr. No.	Resolution of the management	Status
1.	Purchase of books for library.	Approved and books purchased.
2.	Provision of computer and internet facilities in College campus.	Approved and provide.
3.	Electric work, Display board, College board, painting, etc.	Approved and partially completed.
4.	RO water plant.	Made available.
5.	Appointment of staff in workshop.	Staff appointed.
6.	Purchase of furniture.	Purchased.
7.	Renovation of Canteen.	Started.
9.	Wi-Fi connection in campus.	Provided.
9.	Installation of Elevators	The work is yet to be initiated.
10.	Provision of Audio and Video system in seminar hall.	Provided
11.	Appointment of Regular Faculties	In process

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes. Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur made a provision to accord status of autonomy to an affiliated College. Since AGPCE is in enphancy efforts are yet to be initiated to get status of autonomy. The College However shall stand poised to get the status of autonomy within three years to come.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

- The College has grievance redressal cell. The grievances and complaints are promptly addressed. The students can subject his/her grievance through to the head of the department. Some grievance and compliant are on papers and drop the papers in suggestion box.

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- The suggestion box is regularly open. The grievances and the complaints dropped in the box and submitted to the Principal are discussed to find whether the complaints to grievance are guanine. The guanine complaints and grievances are immediately attended.

- The teachers in the classrooms ask about the grievances and complaint about students. The guanine complaints and grievance which come to notice of the class teachers are submitted to grievance redressal cell. These grievances and complaints are immediately addressed under the guidance of Principal.

- Sometimes the parents make a complaint regarding teaching or other facilities. Such complaints are attended in parent teacher meeting.

- It is ensured that no guanine complaints or grievance are un attended.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

Nil

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

- Yes. AGPCE obtains students feedback regularly on academic performance of the members of the teaching staff, the facilities and amenities in the College and the performance of the College. The College also takes into consideration the suggestion made by the parents and the alumni. The feedback on amenities and facilities is considered and due action is taken as per the feedback. The feedback given by the parents and by alumni too acted upon by the authorities of the College. The feedback received on academic performance is dealt with carefully. Principal takes into confidence the teacher against whom students have expressed adverse opinions and discuses with her/him. The Principal asked the teacher concerned to improve the performance. These exercises are done confidentially. In spite of several attempts and guidance the teacher does not improve his/her the performance due action is taken as per the rules and low.

- The College makes sincere efforts on the basis of feedback on infrastructure, washroom, security, etc.

6.3   Faculty Empowerment Strategies

6.3.1   What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

AGPCE makes efforts to enhance the professional development of its teaching and non teaching staff. These efforts are-

- The member of the teaching staff are motivated and supported to attend workshops, seminars, conferences and orientation programmes which help the update their knowledge in emerging areas. T
- The member f the teaching staffs are encourage to attend seminars and conference and present papers.
- The encouragement is given to teacher to published article in national and international journals
- The teachers are required to participate in faculty development programmes on academic and other areas.
- AGCPE motivates and encourages the member of the teaching staff to upgrade their qualification. The College provides infrastructural facilities to the teachers.
- The members of the non teaching staff are also required to attend the seminars and workshops specially organized to enhance the quality of administration in the College.
- AGPCE provides well equipped staff rooms, a good library, internet facilities, Latest journals and magazines in the library.
- The expenditure incurred on registration and traveling expenses for participation in workshops and conferences is borne by the management.
- The duty leave is sanctioned in order to enable the teaching staff and non teaching staff to attend conference and seminars.

6.3.2   What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

Besides the responsibilities of teaching and instructed to member of the teaching staff have to perform duties of the various committees. There is involvement of the member of the teaching staff in the affairs of these committees. AGPCE ensures that all these stake holders of the College must be empowered through training, retraining and motivating exercises so that they perform their roles and fulfill responsibilities in the desired manner. The College adopts the following strategies-

- The College conducts staff improvement programmes.
- Skill development programmes are organized for the member of teaching staff, administrative staff and technical staff.
- It is ensure that there is conducive working environment.

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- The senior members of the staff with expertise and experience guide the junior's staff members in performing their duties and obligation.
- The potential of each and every staff member is recognized and appreciated.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- The members of the teaching staff have to submit self assessment report at the end of academic year.
- Head of the departments prepares the confidential report about the performance of his/her collogues in the department and submits the same to the Principal.
- The Principal reviews the activities carried under various committees, cells, clubs
- The student feedbacks are also collected about the performance of the staff.
- The teacher maintains the academic diary which is checked every Saturday by the head of the department. the head of the department reviews and give suggestion for improvement of its collogues. The good work his/her collogues is appreciated.
- The administrative officer monitors the activities of the non teaching staff under his/her control.
- The administrative officer maintains performance appraisal reports of the non teaching staff. This appraisal report is evaluated. The administrative forwards his/her report to the Principal.
  In these ways the performance of the staff in AGPCE is evaluated. Similarly in these manners information on multiple activities is appropriately captured for better appraisal.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The Principal of the College has to role of the bridge between the stake holders and the management. After collecting repot about the performance of the staff the Principal forwards the same to the management. The management ponders over the reports submitted by the Principal. Then the staff members who have evinced efficiency in performing their responsibility are given higher responsibility by the management. The employees who have failed to give the desired result remedial action in initiated and support is provided to them to overcome their drawbacks.

If it is found that an employee does not overcome his/her drawback in spite of the remedial action and the support he/she is dealt with as per rules and low.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

- The employees are brought under the umbrella of provident fund as per rule prescribed under the provident act. In case of emergency the member of staff are provided with financial help.

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- Every year the staff member who has given best performance is recognized and appreciated.
- The expenditure incurred on attending the seminar and conference by the staff is borne by the management

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

- Some senior members of the staff provide guidance to juniors. This practice helps the College attract imminent faculty.
- After the calculation of the vacancies the vacancies are filled as per the norms and qualification prescribed by University Grand Commission. In the process of selection it is ensure that the teachers who have experience to their credit are selected and appointed.
- The College provides a professional and conducive work environment.
- The College accords substantial autonomy to heads of the department. This major attracts imminent faculty.
- It is observed that due to the measures taken by the College good faculty is attracted and the rate of retention.
- Transportation facility is provided to the staff for official affairs.
- Encouragement for participation in Conferences, STTP etc.

6.4   Financial Management and Resource Mobilization

6.4.1   What is the institutional mechanism to monitor effective and efficient use of available financial resources?

Since the establishment the college has developed a practice of allocating budgets for all expenses and spending under different heads is strictly followed financial discipline.

- The head of the department prepares annual budget for his/her department and submits to Principal.
- Similarly the heads of other department e.g., Administrative officer, Placement officer, Librarian, Director of sports prepare the budgets and submit the same to the Principal. After receiving the budges from all departments the Principal prepares the consolidated budget of the College and submit the same in the local managing committee. After due consultation and discussion the budget is approved by the local managing committee.
- All attempts are made to adhere to provision made in the budget.
- Accounts are maintained by the department of finance of the College and are supervise by the Principal and verified by internal auditor regularly.
- At the end of fiscal the accounts are audited and statement of receipt and payment is made by the chartered accountant of the College.

6.4.2   What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

Account of the College well maintained and monitored regularly by chartered accountant. Internal audits precede the auditing by the chartered accountant. Internal audit conducted by the authority appointed by the management and there in interned is verified by the chartered accountant.

The last audit of the College was performed on 20/06/2016 by KBCS an company chartered accountant Nagpur. The chartered accountant has not raised any objection and in audited reports no objection is mentioned.

6.4.3   What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

AGPCE is an unaided College. All courses offered by the College are self financial programme. The major source of fund generation is tuition fee. There is no other source of income for College.

The deficit is managed by the management the income and expenditure statement of

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last four years is given bellow.

Table 6.2 Income and Expenditure Statement

Year	Income (Rupees in Lacs)	Expenditure (Rupees in Lacs)
2012-13	489.59	1332.89
2013-14	604.13	1548.05
2014-15	680.05	1893.70
2015-16	968.26	1880.42

The copies of audited statements of income and expenditure of the previous four are annexed collectively as **Annexure VIII**

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Nil

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6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a) Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes. AGPCE has a functional Internal Quality Assurance Cell (IQAC). The cell was established in 2016. The policy of the College in respect of quality assurance is to sustain and augment quality in all area of academics and administration. In this way the Vision and Mission of the College translated in reality. This policy has rendered contribution to quality assurance through initiation of activity based on changing and immerging needs of technical education like curriculum enrichment, faculty improvement, inculcation of research culture, development of scientific temperament, ICT based infrastructure, environmental awareness and healthy and good practices.

Table 6.3 List of IQAC Members

Sr. No.	IQAC Composition	Names
1	Chairperson	Dr. Ankush Mankar, Principal
2	A Few Senior Administrative Officers	Mr. Mukul Pande, Director, IT
		Ms. Anita Wankhede, Registrar
3	Three to Eight Teachers	Dr. Rashmi Joshi, Dean, Academics
		Ms. Ravi Gulhane
		Ms. Deepali Bhoyar
		Mr. Santosh Singh
		Mr. Gajanan Patle
		Ms. Bushra Khan
		Mr. Ravindra Dharapure
4	One or Two Members from Management	Dr. Mohan Gaikwad Secretary, Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur
5	One/Two Nominees from Local Society, Students and Alumni	Dr. M. D. Choudhari, Dean Engineering & Technology, RTMNU, Nagpur
		Mr. P.N. Patil, BDCE, Sewagram
		Mr. Swapnil Mohare, Mechanical Engineering
		Mr. Shrikant Khadse, CSE
		Ms. Anuradha Gaikwad
		Mr. Ritesh Banpukar
6	One of the Teacher as the Coordinator of IQAC	Mr. Yogesh Bhute, Head, CSE Department

b) How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

IQAC of AGPCE is very active. It takes regularly decisions in respects of quality enhancement. Some major decision of the IQAC which were approved by the management/ Authorities and implemented are-

- Language laboratory.
- Extension, renovation and purchase of modern and necessary equipment for the laboratories.
- Supply of pure drinking water up gradation of seminar hall.
- Wi-Fi connection.
- Installation of the banners/flexes evincing quotes of eminent educationist.
- Renovation of student's washrooms.
- Wi-Fi connection.
- Creation of lush green lawn.

c) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes. IQAC has two external members. They are accomplished educationist. They have rendered yeoman's contribution in this part of the reason. They guide IQAC in sustaining quality to provide technical education and initiate changes wherever necessary.

d) How do students and alumni contribute to the effective functioning of the IQAC?

There are two students and two alumni representative are the members of IQAC of the College. They share their opinions and suggestion that help in achieving quality standards. The present students know what are the improvements to be made immediately and the alumni members on the basis of their experience obtain during they stay in the College are aware of the things which need to be done for enhancement of quality in academic and administrative affairs of the College. They provide very useful feedback in these manners the student and alumni contribute to the effective functioning of IQAC.

e) How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC of the College consist of representatives of different stake holders. There are representatives of teaching staffs, students, parents, alumni, the members of the non teaching staffs, the members of the management as well as external member.

IQAC establishes communication with other committees an cells it involve the teaching and non teaching staff through circular, notices, SMS, College website, etc. The staff members of the College are enlighten about programmes and the activities to be organized for the enhancement of the quality in all the matters related to the College. The participation of all the members of the staffs in these programmes is sought and the members of the staff hailing from all the departments, sections and

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offices in the College accord positive response in this way IQAC enhances staff from different continuants of the College.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Yes. AGPCE has an integrated framework for quality assurance of academic and administrative activities. The College conducts regular academic review of the departments and units. For this purpose it drowse inputs from feedback by students, faculty, alumni and employers. The regular interaction of students with other stake holders also provides input for these review processes. Taking into consideration the necessity of an integrated framework for quality assurance of academic and administrative activities the College had adopted a certain process. These processes consist of four steps, the first stage is to plan, the second step is to do, the third step is to check and the fourth step is to act. This is implemented at institutional and at the operational level.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes. AGPCE does not lack behind in organizing training program for the staff. The guest lecturers are invited to dilate on various issues related to academic and administrative. The member of teaching staff are sensitized new teaching methodologies, important of research, etc while the member of the non teaching staff are provided orientation in improving data operating skills, accounting systems, maintaining records, etc. these training programmes are very useful for effective implementation of the quality assurance procedures.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Yes. AGPCE undertakes academic audit. These academic audits are essential for maintenance of the quality of education imparted to the students. Similarly the academic provision in the College is reviewed by external agencies. The outcomes of academic audits and external review are given below-

- The members of the management and the head of the College i.e, Principal conduct an academic audit of all departments in the form of departmental inspection. This internal academic audit facilitates to bring the surface the merits and demerits of the department.
- The parent university i. e., Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur ha set mechanism to audit the academic functioning of the College. The University sends a team of experts called Local Enquiry Committee to conduct academic audit. The committee observes the working of College in all its aspects, comment on its performance and suggests important changes required. On the basis of the report of this committee university accords the affiliation and

prescribes the periods of affiliation. The visit of Local Enquiry Committee is an opportunity for the College to have external review of the academic provision in the College.

- The College is approved by AICTE, New Delhi. AICTE and Director of Technical Education send teams for inspection every year. These inspection committees review the academic provision in the College and makes suggestion for some changes. All the suggestions made by these different committees help the College improve institutional activities. On the basis of the suggestion of these Committees College has substantially improved the activities conducted in the College. The outcome of these audits is used in reviewing existing procedure and taking remedial action where it is necessary.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

Though the College has not been accessed and accredited by any agency like NAAC so far AGPCE continuously strives to fulfill all the conditions required to be accessed and accredited by any agency. As stated earlier the regulatory authorities of the College are Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, AICTE, New Delhi and DTE Maharashtra. The Internal Quality Assurance Mechanism are aligned with the requirements of the relevant external Quality assurance agency and regularity authority. The College has to follow the rules and regulation framed by AICTE, DTE and University. So far no adverse opinion or remark has been given by any authorities mention above regarding the function of the College. These substantiate the claim that the IQA mechanism of the College is absolutely aligned with the requirements of regulatory authorities.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- The academic diary, the time table, completion of syllabus, leave availed etc. are regularly checked and thus forms an important tried and tested mechanism to review teaching learning process.

- Similarly the analysis of the results of the examinations conducted by university is also an important mechanism of reviewing teaching learning. The other mechanism to review the teaching learning process is the feedback given by the students.

- The observation made by IQAC is based on institutional data and an are an authentic form of review the process of teaching learning.

- The review is also done during the meetings of the stakeholders.

- The management also reviews the perspective plan submitted by the College.

- The outcome of these types of continuous review has produced excellent results which accord great help in designing new teaching techniques and make the teaching student-centric.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The quality assurance policies, mechanisms' and outcome of institutions are communicated to all stake holders-internal and external through parent teachers meeting, alumni association meetings, circulars, notice board displays, the information broachers and web site.

Any other relevant information regarding Governance

- The members of the management of the College too hail from the field of education and industrial establishments.
- The management of AGPCE is quality oriented and does not lag behind to encourage and motivate all the members of staff and the students to participate in all the development activities conducted by the College.

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CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

- Yes. AGPCE conducted green audit to assess environmental practices in the campus. The nature club in the college took initiative in conducting green audit of the campus. The efforts of the nature club have contributed in creation of lush green grass around the building of the college. The students who are the members of nature club receive whole hearted support of the members of the teaching and nonteaching staff. The club ensures that green campus is not spoiled by anybody. The nature club regularly assesses the environmental practices followed in the institution like plastic free zone, cleanliness dry in and around the campus. The nature club has planted several saplings around the campus and made arrangements for rain water harvesting. The campus has a beautiful look and the multi colored flowers blossomed on the sprays on the trees offer hearty welcome to the people who enter the campus.
- Our strategic plans for development are always driven by the concern for eco-friendly environment and sustainability of life giving resources like energy, water, and greenery and pollution free environment.

Committee for Environmental Issues: -

1) Ms. Priti Kakde   Chairman
2) Mr. Santosh Singh   Member
3) Mr. Suyash Mullemwar   Member
4) Ms. Diksha Rahangdale   Member Secretary
5) Mr. Dayal Roy   Member

In charge for Green Audit: **Ms. Diksha Rahangdale**

The following subjects are included in the student's community to develop the awareness about the environment issues.

Table 7.1 List of Environmental Study Subject of Various Departments

Sr. No.	Department	Semester	Name of Subject
1.	EE	Sem IV	Environmental Studies
2.	ME	Sem IV	Environmental Studies
3.	CSE	Sem III	Environmental Engineering (Audit Course)

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7.1.2   What are the initiatives taken by the college to make the campus eco-friendly?

The whole campus of the AGPCE is eco friendly. The efforts are made to reduce paper consumption. No smoke is visible in the campus. In order to make the campus eco friendly awareness programs are organized by the students under the guidance of teachers. If the trees offering flowers are there the trees which will bare the fruits in future have also been planted in the campus of the college. The initiatives put in place by the college to make the campus eco friendly include:

- Energy conservation
  o The college uses CPFL and LED bulbs for electricity conservation.   The efforts are been made to provide solar energy to the college.   All class rooms, laboratories and corridors are well ventilated naturally lit and the limited use of artificial lighting is ensured.

Table 7.2 Installation of electronic chokes

Sr. No.	Appliances	Quantity	Per Unit Price (Rs.)
1.	Tube Lights	353	275
2.	CFL Lights	52	120
3.	Fans (with Electronic Regulator)	401	1045
4.	Air Conditioner I	08	58,666.67
5.	Air Conditioner II	02	35,555.53

- Use of renewable energy
  As said earlier efforts are being made to install roof-top solar plants.

- Water harvesting
  Rain water harvesting in the college has helped replenish and improve ground water level. The college has planted trees all over the campus to increase the level of underground water.

- Check dam construction
  NIL
- Efforts for Carbon neutrality
  o The chemicals used in laboratories are carefully drained out after proper treatment. Media are out claimed and discarded.

o The students and the members of the staff are encouraged to use the college transportation and vehicle pooling. The awareness is being created amongst members of the staff to share the cars and minimize the number of vehicles coming to the college.

o Awareness programs are conducted for Carbon Neutrality.

Table 7.3 Awareness program about Carbon Neutrality

Sr. No.	Session	Name of Activity	Date of Program
1		Tree Plantation	On Every Independence Day and Republic Day
2	2015-16	Environment Day	15/02/2016
3	2015-16	SAHAS Environmental Camp	09/09/2015

- Plantation
  o AGPCE has a green campus with lot of trees all around the campus. As per the tradition of nature club saplings are used to welcome the guests and saplings are distributed to prize winners of the competitions conducted by nature club.
  o The college rears a large variety of plants which in term contributes to a green and pleasant ambience within the campus.
  o Several trees have been planted in and outside the campus of college in various Tree Plantations Programs.

Table 7.4 List of Trees Planted in College Premises

Sr. No	Name of Plants	Quantity of Trees Planted	Quantity Available in Premises
1	Mango	10	05
2	Chiku	10	05
3	Sagwan	25	20
4	Rose	35	25
5	Chameli	30	25
6	Apte	05	03
7	Gulmohor	10	05
8	Neem	15	10
9	Custard Apple	05	05
10	Coconut	30	30
11	Banana	05	05
Total		**170**	**138**

The equipments are available with the college for the following session:-

Table 7.5 Equipments for Gardeners

Sr. No.	Name of equipments	Total no. of Equipments	Cost (Rs.)
1	Brush Cutter	02	25,550
2	Lawn M/c	01	49,725
3	Seizer	04	500
4	Aari	02	500
5	Cutter	05	250
6	Axe	05	200

The Gardeners take care of the lawn and plants in the college.

Table 7.6 List of Garden maintenance staff

Sr. No.	Session	Name of Gardner	Maintenance
1		Suryabhan Kulmate	In charge
2		Manjusha Bahadure	worker
3		Vandana Bhusari	worker
4		Taibai Dhurve	worker
5	2015-16	Akash Warkhade	worker
6		Savitabai Dhabekar	worker
7		Jyotibai Waghmare	worker
8		Sayabai Meshram	worker
9		Pramod Kindram	worker
10		Vanita Mhatke	worker

- Hazardous waste management
  o Plastic free zone is observed to create awareness about ill effects of using plastic on the environment. Polyethene bags and other non decomposable are separated before disposing the organic waste. Dust bins have been installed for waste segregation in the campus and in the building. The students are sensitized about the importance of waste segregation. For waste segregation the bins have been given different colors: Green for food, Blue for plastic, White for paper.
  o Elocution competitions are organized every year to train the students to reuse and create "wealth out of waste".

- e-Waste management
  - o Computers, printers and other ICT equipment which cannot be used are given to venders to do the recycling. AGPCE has digital printers which use nontoxic toner that helps reduce the chemical waste.
  - o In order to reduce paper waste the college utilizes email as a communication tool.
  - o Use of pen drives, flash drives and hard disks is encouraged for e data storage rather than use-through CDs.
  - o The E-waste management committee was formed to reduce wastages.
    The following committee is monitoring the process of E-Waste management:

Table 7.7 e-Waste management committee

Sr. No.	Name & Current Designation	Designation within Academic Council
1	Mr. Mukul Pande, Dy. Director (IT and Networking)	Chairman
2	Mr. Sandeep Gaikwad, (Management Representative), Treasurer	Member
3	Mr. Shriram Joshi, Director (Finance)	Member
4	Mrs. Kalpana Pachase, Accounts Section	Member
5	Mr. Abhimanyu Dutonde	Member Secretary

7.2   Innovations

7.2.1   Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

In the previous years, various innovations were introduced in academics, non academics and administration through various extension activities. These innovations have produced tangible benefits on the functioning of the college. Few of them are

Academic
- ✓ College level seminars on "quality sustenance" and enhancement through promotion of research culture in colleges "lit was organized"
- ✓ Training programs, seminars and workshops have enriched teaching learning process.
- ✓ Establishment of digitalized automated library with internet.
- ✓ Introduction of add on courses.

Administrative
- ✓ A number of welfare majors for the staff and students have been adopted by the college.
- ✓ Free health checkups, help in medical emergency, free transport facility for non teaching employees, the scholarships, distribution of prizes etc. are in place.
- ✓ Office automation is being is planted.
- ✓ Uniformed human resource policy which covers the rights and duties of employees.

Quality assurance for academic programs
- ✓ Performance Monitoring.
- ✓ Right from the time of admission, performance of every student is carefully monitored.
- ✓ Based on the examination results, faculty counselors take up counseling of poor performers and try to assess the reasons and take corrective actions.
- ✓ Departments arrange special classes for poor performers whenever required.
- ✓ The analysis of the results of end semester examinations is carried out.
- ✓ Teaching staff guides the students in their projects, monitor their performance and counsel them regarding their performance, apart from regular teaching.
- ✓ Regular meetings are held. Thus, teachers play different roles like project guides, counselors, etc. This process enhances the quality of teaching.

Extra Curricular Activities

✓ As mentioned earlier the whole academic year is replete with extracurricular activities. Some new activities too have been initiated. Example giving the felicitation of senior eminent teachers on Teacher's Day.

Extension Activities

✓ Free computer teaching to kids in the villages
✓ Organization of blood donation camp twice in a year

Innovations in Research and Development and Extension

✓ Research committee overviews the R & D activities in the college.
✓ Inter-departmental research projects are encouraged.

National Events

✓ National and state level events like seminars, workshops are conducted for students and faculty to update their knowledge.
✓ The institute conducts a technical and cultural festival called PRAYAS, TECHNOFEST, TECHNOVOLTZ, ASCENT etc., in which the students from other colleges from the entire state participate to exhibit their talents in various technical, cultural and sports events.

Modern ICT Tools

✓ For effective teaching-learning process, e-content, modern ICT tools such as LCD projector, etc. are used.
✓ Installation of latest configuration computers.
✓ The installation of latest configuration of the computer was the prime priority of college therefore following latest configuration of computers are installed. Available latest configurations of computers are as follows:

Table 7.8 Latest Configurations of Computers

Type 1 m/c	Type 2 m/c	Type 3 m/c
WIPRO / HCL	Customized	Customized
Intel –i3-2120 cpu@3.30GHz/2GB Ram/320GB Data HDD/19" TFT/Optical USB MOUSE/Keyboard	Intel CORE 2DUO @2.93 GHz/2GB Ram/160GB Data HDD/17" TFT/Optical USB Mouse/Keyboard	Intel Pentium Dual cpu@2.40GHz/1GB Ram/160 GB Data HDD/17"TFT/Optical Mouse/Keyboard
Total Number of computers: - 450		

Group Insurance for Staff-members
- ✓ At present, Group insurance facility is provided to student and teaching, non teaching staff- members.

Industry-Institute Interaction
- ✓ Guest lectures by eminent personalities and industrialists are arranged for the benefit of students and Staff members.
- ✓ The college is in touch with industries for innovative research and development. The various departments have signed MoUs with industries for development of its scope in project works:

Table 7.9 MoUs Signed

Sr. No	Department	Lab/Institute/Industry	Benefits Accrued
1	Electrical Engineering	High Rise Transformers, MIDC, Hingna, Nagpur	Industrial Visits, Expert Lectures, Workshops, Summer Internship Programme, Final Year Projects etc.
2		Prathamesh Udyog, MIDC Hingna, Nagpur	
3		Steps Technology, Nagpur	
4		Indo - Germen Tool Room, MIDC Hingna, Nagpur	
5		Arnnac Solar & Electricals, Nagpur	
6		Bedare Electronics Pvt. Ltd, Nagpur	
7	Computer Science & Engineering	Maharashtra Centre for Entrepreneurship Development , GoM, Nagpur	
8		IT-Networks Nagpur	
9		ICON Computers, Nagpur	
10		VYOM Infotech, Nagpur	
11		Sai Info Solution, Pune	
12		Beacon IT Strategies Pvt. Ltd., Nagpur	
13		An Cyber, Pune	
14		Webtek Labs Pvt. Ltd. (India),New Delhi	
15		Ingenio Technologies Pvt Ltd, Pune	
16	Mechanical Engineering	MITCON Nagpur	

7.3   Best Practices

7.3.1   Elaborate on any two best practices **in the given format at page no. 98,** which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

Best Practice I

1. **Title of the Practice**: E-Management: for effectiveness and Transparency.

2. **Goal**: To use E-management tools for effective:
    i.   Teaching and Learning
    ii.   Monitoring and Maintaining
    iii.   Transparency

3. **The context:** The use of information technology in management in any organization can augment the productivity and quality. The use of information technology in the domain of education can accord help to the student. The help is extended to the students by ready availability of subject resources, Time Tables, Performance, attendance schedule related to all examination and other programmes/activities. Moreover it offers transparency which is most important aspect of the management. Similarly e-management system are extremely helpful in providing aids to the member of teaching staff and it accords a great help to create a culture of transparency which is very significant and consequent for healthy and un biased working atmosphere.

4. AGPCE has resorted to uses of information technology in management of several systems for the students, members of the teaching staff and the member of the non teaching staff through following practices:
    i.   Website:
       a)   Availability of complete information beginning from departments, courses and teachers including Main phone contacts.
       b)   Complete details about the course structure, Syllabi, subject details, time table, the rules and regulations and the examination procedure.
    ii.   Internet for effective dissemination of information and strong space (N: Drive) accessible to everybody, everywhere in the college campus.
    iii.   Study material for uploading programme/ subject/ contains by 24*7 teaching.
    iv.   Web kiosk: Different person and professional activities/ aspects related to the college can be entered and retrieved making the system transparent.
    These activities are related to
       a)   **Personal:** salary of employees, details of benefits, kinds of leaves, the details

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of attendance, details in case of emergency, and help in tax information.

b) **Teaching**: student attendance, information about the students who bunk the classes, classroom booking.

c) **Examination**: the Entry of marks, grade entry, result, invigilation duty.

d) **Counseling and mentoring**: To view grades of the students and performance of the students by parents and teachers.

e) **Provide feedback**: e.g. IQAC.

5. **Evidence of success:** the practice followed by AGPCE has laid to the creation of healthy and transparent work culture.

   – The transparency and dissemination of knowledge/information in easy manner through IT enabled system starting from the classroom experience to examination has accorded great help to the student and the parents concerned. The policy to view examination copies, mechanism to redress issues/ problems along with e-management has provided unbiased and effective mechanism.

   – For employees the information about salaries, benefits kind of leave, income tax deduction, etc are available online. This type of transparency along with healthy policy for promotion and help in career advancement makes AGPCE an alluring place to work. AGPCE have good rate of faculty and staff retention. The confidence of faculty reposed in system has laid to long term thinking and planning.

6. **Problems encounter and resources required:** The change from paper work to paperless work is not easy. Since many years the employees has engaged themselves in traditional letter writing, report writing, etc. The mindset of the employees has been mandating them to resort to paper to express their opinions, views and remarks on paper only. Change from paper work to paperless works needs change in mindset. Moreover it is the matter of training. The senior employees traditionally involved in the paper work initially are reluctant to receive training to change to e-correspondence. AGPCE has senior as well as young and enthusiastic member of teaching and non teaching staff. Though it took time to change the mindset of the senior employees with the passage of time, after learning the simplicity and effectiveness of new method   gradually they shifted themselves to new methods. Now all employees in the college are able to implement several aspects of e-management successfully.

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Best Practice I

1. **Title: Mentoring System-Enabling and Empowering Students**

2. **Goal:** To provide academic, Social, moral and psychological supports to student in the college by being their empathetic, carrying and nurturing mentors so that they become enabled and empowered person.

3. **Context:** AGPCE established in the academic year 2008-09 AGPCE has the sole objective to provide education replete with quality to students. All stake holders of the college have been concerned about creating self awareness and self reliance amongst the young students of the college. All stake holders of the college that education is of great importance for development of the youths. The college has adopted a policy which ensures the holistic development of the students. The students are mate to realize and act accordingly to eschew the outdated systems in the society and destroy the (narrow domestic walls) which have broken the society in fragments. Similarly the college wants the students to be sagacious, skilful, prudent and tolerant. The college wants to deepen national consequences and create social awareness amongst the student. Therefore has adapted to the practice of mentoring the students. The mentoring process ensures circular development along with spiritual, cultural and emotional progression. Education being the sole tool for social and National Development the potential of the students is hear nest and impetus is provide to not just to enhance intelligence through the activities conducted under the banners of committees, clubs and cells of the college. The young students are sensitive to the changing socio, cultural, atmosphere. The need of the hour is addressed their problem and help them into transfer responsible person. After the school education when the student enters the college they find freedom and inconsequence there is every possibility they might go straight or feel loosed. This nececiants the teachers to guide them in friendly manner and comfort them when in distressed and despair. Mentoring, therefore, is the best possible way of holding, holding and creating a best in students.

4. **Practice**:
   - Through mentoring system every student assigned a group of 25 students. The teachers become the mentor through their stay in college. The teacher mentor bears the responsibility of guiding these students through their academic life by careering for their intellectual, emotional and physical well being.
   - The teachers are trained in mentoring skills by emminent educationist, psychologist and behavioral therapist through Faculty Development Programme.
   - The trained mentors under the guidance of the coordinator of the mentoring system.

- Periodic meetings are conducted and the methodology adopted is revised and implemented to benefited students.
- The format to collect student data is planned and prepare with the principal and with the teachers.
- The booklet is maintained for mentoring. These booklet contains all details of students including the academic performance, the problems he/she is confronted with, his/her result, etc.
- The booklet is maintained regularly. The details in the booklet are kept strictly in confidential.
- The mentor calls his/her students for initial meeting where he/she will introduced himself/herself or mentor discus with the students about mentoring process. Thereafter the mentor shoulders the responsibility of establishing a relationship with the student replete with respect, sensitivity, mutual trust and an empathic understanding. The mentor provides a support system which is conducive to academic growth of the students as well as his/her holistic development.
- The mentor's tracks the progress or lack of it record of attendance, performance in test and participation in academic and non academic activities. Any sort coming notice is immediately addressed by the mentor who endures to resolve the issue in number of ways.
- The mentor analyses the problem. If the problem is related to learning then mentor helps the students by dealing with specific issues. The learning issue, memory issue, emotional issues, financial issues, family related anxiety, absenteeism, etc come in the ambit of counseling.
- The mentor inspires bright students to inspire bright students to excel and motivate slow learners to perform better. The students are facilitated to discover their talents and encouraged to find their aptitudes. They are also offered career guidance and those about to dropout are retained by timely action.

5. **Evidence of Success:**
   - The mentoring process has evolved into a successful system of student support. It has become a classical way of making students to learn better, deal confidentiality with obstacles, progress and achieve overall experience.
   - Mentors have dealt with the problem of absenteeism. It is observe that have started attending the classes regularly.
   - Student with emotional problem have been successfully treated by these system. Such students have developed a positive a self image, overcome their anxiety and improve their academic performance.
   - The students confronted with psycho, social problems have been immensely helped by mentoring system. They have become confident, bold and excellent academically.

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6. **Problems encountered and resources required:**

- The prerequisite of mentoring is commitment to the cause of student support. It makes a demand on the time and the energy of the mentor, which sometime mentor may not been in position to provide. Semester system also has imposed certain limitation.
- Certain family issues are beyond redressal through counseling.
- The question of financial resources does not apply at all for mentoring as it is a completely low cost, high benefited system which only demands the time and involvement of mentor.

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Evaluation Report of the Department of Mechanical Engineering

1. Name of the Department
   Mechanical Engineering

2. Year of Establishment
   2010-2011

3. Names of programmes offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D. Litt., etc.)

   The course offered is given in table ME1.1.

   Table ME 1.1: Courses offered

Level	Name of the Program	Year of Establishment
UG	B. E. Mechanical Engineering	2010-2011
PG	M. Tech. Mechanical Engineering Design	2013-2014

4. Interdisciplinary programs and departments involved
   NIL

5. Courses in collaboration with other universities, industries, foreign institutions, etc.
   NIL

6. Details of programmes discontinued, if any, with reasons
   NIL

7. Examination System: Annual/Semester/Trimester/Choice Based Credit System

   ▪ The UG Program follows the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) guidelines with Credit Based System (CBS).

   ▪ The PG Program follows the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) guidelines with P. G. Semester based system.

8. Participation of the department in the courses offered by other departments
   NIL

9. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

The department has well experienced Faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table ME 1.2

Table ME 1.2: Teaching Post

Teaching Post	UG		PG	
	Sanctioned	Filled	Sanctioned	Filled
Professor	02	01	01	0
Associate Professors	04	0	01	0
Asst. Professors	26	26	02	04

10. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Table ME 1.3: Faculty Profile

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.	Dr. Ankush Mankar	Ph.D	Principal/ Professor	MED	20	02
2.	Ajay Mahawadiwar	M. Tech	Assistant Professor	CAD/CAM	15	NIL
3.	Ravindra Gandhe	M. Tech	Assistant Professsor	MED	3	NIL
4.	Ravindra Dharapure	M. Tech	Assistant Professor	MED	5	NIL
5.	Vivek Padole	M. Tech	Assistant Professor	MED	5	NIL
6.	Abhijeet Misal	M. Tech	Assistant Professor	MED	3	NIL
7.	Ankita Yadav	M. Tech	Assistant Professor	Heat Transfer	5	NIL
8.	Dipali Bhoyar	M. Tech	Assistant Professor	MED	2	NIL
9.	Prashant Bansod	M. Tech	Assistant Professor	CAD/CAM	2	NIL
10.	Dushant Waghmare	M. Tech	Assistant Professor	MED	3	NIL

11.	Sagar Kadu	M. Tech	Assistant Professor	MED	2	NIL
12.	Vaishali Deshpande	B.E	Assistant Professor	-	2	NIL
13.	Gaurav Bhunte	M. Tech	Assistant Professor	CAD/CAM	3	NIL
14.	Ashish Bansod	M. Tech.	Assistant Professor	CAD/CAM	2	NIL
15.	Zahid Pathan	M. Tech	Assistant Professor	CAD/CAM	2	NIL
16.	Vidya Pardeshi	M. Tech	Assistant Professor	MED	2	NIL
17.	Abhijeet Khandekar	B.E	Assistant Professor		5	NIL
18.	Bhushan Chandurkar	M. Tech	Assistant Professor	MED	3	NIL
19.	Mahesh Gadekar	M. Tech	Assistant Professor	MED	3	NIL
20.	Bhagyashri Choudhari	B.E	Assistant Professor		2	NIL
21.	Chetan Gawande	M. Tech	Assistant Professor	CAD/CAM	2	NIL
22.	Abhinesh Aswar	M. Tech	Assistant Professor	MED	3	NIL
23.	Bhushan Gondekar	M. Tech	Assistant Professor	Heat Transfer	2	NIL
24.	Mithilesh Lade	M. Tech	Assistant Professor	MED	2	NIL
25.	Ashit Bante	B. E.	Assistant Professor	-	2	NIL
26.	Digambar Bhoyar	B. E.	Assistant Professor	-	2	NIL
27.	Samir Khan	B. E.	Visiting	Civil		NIL
28.	Sujit Chure	B. E.	Visiting	Mechanical		NIL

29.	Mrunal Uikey	B. E.	Visiting	Mechanical		NIL
30.	Sana Khan	B. E.	Visiting	Mechanical		NIL
31.	Prajakta Harankar	B. E.	Visiting	Mechanical		NIL
32.	Akash Kinkar	B. E.	Visiting	Mechanical		NIL
33.	Sagar Bagade	B. E.	Visiting	Mechanical		NIL

11. List of senior Visiting Faculty.

Table ME 1.4: Visiting Faculty

Sr. No.	Name	Designation	Expertise
1	Dr. J. P. Modak	Dean R & D, PCE Nagpur	Mechanical Engg.
2	Dr. G. K. Awari	Principal, TGPCET, Nagpur	Mechanical Engg
3	Dr. Prashant Kadu	Principal, NIT, Nagpur	Mechanical Engg
4	Mr. Sujit Churhe	Production Engineer at Bajaj Steel	Production
5	Ms. Mrunal Ukey	Assistant Lecturer, Govt. Polytechnic	Fluid Mechanics
6	Ms. Prajakta Harankar	Assistant Lecturer, Pandav College of Polytechnic	Manufacturing Process
7	Mr. Akash Kinkar	Lecturer at Yashawawi Group	Manufacturing Process
8	Ms. Sana Khan	Bajaj Steel Pvt. Ltd	Machine Design
9	Mr. Sagar Bagade	KDK college of Engg.	Engineering Graphics

12. Percentage of lectures delivered and practical classes handled (Programme Wise) by temporary faculty.

Table ME 1.4: Percentage of lectures by Visiting Faculty

Sr. No.	Programme Name	Percentage
1	UG	19 %
2	PG	19 %

13. Programme-wise Student Teacher Ratio

Table ME 1.6: Students Teacher Ratio

Sr. No	Program Name	Student-Teacher Ratio
1	UG	15:1
2	PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.

   – **Available Academic support Staff (Technical) – 05**

   – **Available Administrative support staff - 02**

15. Qualification of Teaching Faculty D. Sc. /D. Lit. /Ph. D. /M. Phil. /PG.

Table ME 1.8: Qualification Details

Sr. No	Qualification	No. of Staff
1	Ph. D	01
2	PG	22

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) and grants received. :

NIL

17. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. and total grants received.

NIL

18. Research Centre Facility recognized by University.

NIL

19. Publications:

   ➢ Publications per Faculty

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Table ME 1.11: Publications Details

Sr. No.	Name of Faculty	Details of Publication		
		International Journal	International Conference	National Conference
1	Dr. Ankush Mankar	09	02	02
2	Abhinesh Aswar	02	01	-
3	Dushant Waghmare	02	01	-
4	Ajay Mahawadiwar	02	01	-
5	Prashant Bansod	02	01	-
6	Dipali Bhoyar	02	01	02
7	Ravindra Dharpure	03	02	01
8	Ravindra Gandhe	02	01	01
9	Abhijit Khandekar	01	01	-
10	Mahesh Gadekar	01	01	-
11	Abhjit Misal	01	01	01
	Total	**27**	**20**	

➢ Number of papers published in peer reviewed journals (national / international) by Faculty and Students
  ▪ **Total No. of papers published in National/International Journal:- 27**
  ▪ **Total number of papers published in National/International conference:- 20**

➢ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

➢ Monographs: --

➢ Chapters in Books: --

➢ Books Edited: --

➢ Books with ISBN with details of publishers: ----

➢ Citation Index (as per Google Scholar) : 05

20. Areas of consultancy and income generated : ----

21. Faculty as a member in a) National committees b) International committees c) Editorial Boards.

22. Student projects
    a. Percentage of students who have done in-house projects including inter Departmental / program: –
       100 % (according to University norms students have to complete their in house project work) : **NIL**

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b. Percentage of students placed for projects in collaboration with organizations outside the institutions i.e. in Research Laboratories/Industry/Other Agency.
   NIL

23. Awards /recognitions received by Faculty and Students.

Sr. No	Name of Student	Award / Recognitions	Position / Remark	Organized By
1.	Naresh Bamhnote	Raman Science Centre, Nagpur, Science & Engineering Fair	Model & project contest	Raman science center Nagpur
2.	Ankush Gedam	Raman Science Centre, Nagpur, Science & Engineering Fair	3rd / Model & project contest	Raman science center Nagpur
3.	Rahul Gautam	Raman Science Centre, Nagpur, Science & Engineering Fair	3rd / Model & project contest	Raman science center Nagpur
4.	Malkit Singh	VORTECHX	1ST/ automobile quiz	Shri Ramdeobaba College of Engg& Management
5.	Yadnil parate	VORTECHX	1ST/ automobile quiz	Shri Ramdeobaba College of Engg& Management & KDKCE
6.	Abhilash Chawke & Group	Technokiran-16 & Brainwaves2016	Paper Presentation	Pandav college of Engg.& JD college of Engg & management
7.	Vaibhav Papadkar & Group	Oorja2016	Paper Presentation	Dr.Babasaheb college of Engg & Research
8.	Swapnil Bhagat & Group	Brainwaves 2016	Paper Presentation	JD college of Engg & management

9.	Mayur Gandharwar & Group	Torque 16	Paper Presentation	Priyadarshani college of engg
10.	Krishna Pandey & Group	Electofest 2016	Paper Presentation	KDK college of Engg.
11.	Shridhar Lade & Group	Brainwaves 2016	Paper Presentation	JD college of Engg & management
12.	Vaibhav Upate & Group	Brainwaves 2016	Paper Presentation	JD college of Engg & management
13.	Pawan Jadhav & Group	Electofest 2016	Paper Presentation	KDK college of Engg.
14.	Piyush Nimbarte & Group	Oorja2016	Paper Presentation	Dr.Babasaheb college of Engg & Research
15.	Akash Kene & Group	Brainwaves 2016	Paper Presentation	JD college of Engg & management
16.	Kanchan Hemane & Group	GNIET	Paper Presentation	GNIET

24. List of eminent academicians and scientists / visitors to the department.

1	Dr. V.M. Kriplani	Prof. & Head, Mechanical Engineering GHRCE Nagpur
2	Dr. Shripal Singh	Principal Scientist, CSIR-CIMFR Nagpur
3	Mr. Ghosh	Scientist, CSIR-CIMFR Nagpur
4	Mr. V. Prasad	Scientist, CSIR-CIMFR Nagpur
5	Mr. P.V. Kukde	MSEB, Nagpur
6	Mrs. Shobhalata Sinha	Scientist, CSIR-CIMFR Nagpur
7	Dr. Maheshkumar Yenkie	Professor, LIT Nagpur
8	Dr. S. K. Nath	Dr. S.K. Nath, Joint Director of Central Power Research Institute, Koradi
9	Dr. Rajesh Joshi	Aero Vision India
10	Dr. J. P. Modak	Dean,

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		Priyadarshini College of Engineering
11	Mr. Jayant Mitra	Manager, Mecgale Pneumatics, Nagpur
12	Mr. Amol Bhagat	ASTRAL Informatics Pvt. Ltd. Nagpur
13	Mr. Amit Jain	ASTRAL Informatics Pvt. Ltd. Nagpur
14	Dr. Amol Andhare	Faculty, Mechanical Engineering, RCOEM, Nagpur
15	Mr. Mahesh Sahare	Manager
16	Mr. Surendra Chopde	Branch Head, CADCAMGURU, Nagpur
17	Mr. Vaibhav Shrivastav	Faculty, Made Easy Education Pvt. Ltd.

25. Seminars / Conferences / Workshops organized and the source of funding.

a. National

Table ME 1.9: Seminars/Conferences/Workshops Organized

Sr. No.	Date	Name of Workshop	Associates	Funding
1	09.12.2013	Research Methodology	National	Self
2	23.06.2014 & 24.06.2014	Workshop on Coal Quality Assessment & Energy Management in Industries	National	Self
3	13.03.2015 & 14.03.2015	Workshop on Aero Modelling & Glider making	National	Self
4	19.07.2016	Seminar on Career Oriented Studies and Opportunities	National	Self
5	14.09.2016	Seminar on Skill Development through CAD / CAM / CAE	National	Self
6	16.09.2016	Seminar on "Jigs & Fixtures" And "3D Printing "	National	Self
7	30.01.2017	Mr. Vaibhav Shrivastav	National	Self

b. International
   NIL

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26. Student profile programme/course wise:

Table ME 1.17: First year Admission Statistics

Name of the Programme (refer to question no. 4)	Academic Session	Applications Received	Selected	Enrolled	
				Male	Female
B. E. ME	2016-17	120	49	43	6
	2015-16	231	231	221	10
	2014-15	127	127	121	6
	2013-14	120	85	84	1
	2012-13	120	85	84	1

Table ME 1.18: Direct Second Year Admission Statistics

Name of the Programme (refer to question no. 4)	Academic Session	Applications received	Selected	Enrolled	
				Male	Female
B. E. ME (DSY)	2016-17	69	69	65	4
	2015-16	231	231	221	10
	2014-15	127	127	121	6
	2013-14	120	85	84	1
	2012-13	120	115	113	2

Table ME 1.19: MED Admission Statistics

Name of the Programme (refer to question no. 4)	Academic Session	Applications received	Selected	Enrolled	
				Male	Female
M. Tech. MED	2016-17	19	19	17	2
	2015-16	24	24	20	4
	2014-15	24	24	22	2
	2013-14	24	24	23	1
	2012-13	--	--	--	--

27. Diversity of students (2016-17)

Table ME 1.20: Diversity of Students in UG

Name of the Programme (refer to question no. 4)	Academic Session	% of Students from the same State	% of Students from other States	% of Students from abroad
B. E. ME	2016-17	100	0	0
	2015-16	96.38	3.62	0
	2014-15	50	50	0
	2013-14	100	0	0
	2012-13	100	0	0

Table ME 1.21: Diversity of Students in PG

Name of the Programme (refer to question no. 4)	Academic Session	% of Students from the same State	% of Students from other States	% of Students from abroad
M. Tech. ME	2016-17	100	0	0
	2015-16	100	0	0
	2014-15	100	0	0
	2013-14	100	0	0
	2012-13	100	0	0

28. How many students have cleared National and State Competitive Examinations such as NET, SLET, GATE, Civil Services, and Defense Services etc.?

NIL

29. Student progression

Table CSE 1.22: Student Progression Chart

Student progression	Against Percentage (%) Enrolled				
	2016-17	2015-16	2014-15	2013-14	2012-13
UG to PG	-	-	-	-	-
PG to M. Phil	-	-	-	-	-
PG to Ph.D.	-	-	-	-	-
Ph. D. to Post-Doctoral	-	-	-	-	-
Employed	**Against Percentage (%) Passed Out**				
	2016-17	2015-16	2014-15	2013-14	2012-13
✓ Campus selection	NA	10.71 %	50 %	-	-
✓ Other than campus recruitment	-	-	-	-	-
Entrepreneurship/Self-Employment	-	-	-	-	-

30. Details of Infrastructural Facilities

    a. Library

        1. Total No. of Titles: 68

        2. Total No of Books : 74

        3. Reports: Final year project report B.E and M. Tech, Mini Project reports

        4. Syllabus: RTMNU

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5. Other Books: Red Hat System Administration Student Workbook 1, 2, 3; Swami Vivekananda Sankshipt Jivani, Competitive Examination Books

6. Notes: Subjects Notes for All Semesters

7. Digital Library: PPT for all Subjects, NPTL Videos (20 Subjects), E-Books

b. Internet Facility for Staff and Students
- The department has Internet connectivity of 20 Mbps leased line contention ratio 1:1 (BSNL) + 100 MBPS LAN enabled connectivity and over 5 access points for Wireless connectivity throughout campus.
- Internet facility is provided for both students and staff.
- Campus of the Institute is Wi-fi Enabled.

c. Classrooms with ICT facility
The class room details are given in Table ME 1.23

Table CSE 1.23: Classrooms

Sr. No.	Infrastructure	Quantity
1.	Class Room	04
2.	Tutorial	03
3.	Seminar Hall	01

The class rooms are equipped with overhead projector and internet through high speed Wi-Fi Connection.

For ICT following teaching aids are being used by the department
- PPT Presentation based on the Curriculum.
- NPTEL Videos
- E books
- Multimedia Facility

d. Laboratories

The adequate and well equipped laboratories are available in department is given in table ME

Table ME 1.24: Laboratories (UG+PG)

Sr. No.	Name of Lab	Name of Equipments
	Hydraulic Machines	Meta Centric Height of Ship Model
		Bernoulli's Theorem Apparatus
		Venturimeter and Orificemeter Apparatus
		Pelton Wheel Turbine Test Rig

		Francis Turbine Test Rig
		Kaplan Turbine Test Rig
		Reciprocating Type Plunger Pump Test Rig
		Centrifugal Pump Test Rig
		Losses in Pipe fittings Apparatus
		Pipe Friction Apparatus
	Engineering Metallurgy	Monocular Metallurgical Microscope
		Metallographic Specimen
		Fractured Specimen
		Cold Moulding Die
		Cold Moulding Liquid and Resin
		Crystal Models
	Machine Drawing	Universal Coupling
		Oldham's Coupling
		Flexible Coupling
		Flange Coupling
		Split Muff Coupling
		Cotter Joint
		Gib and Cotter Joint
		Knuckle Joint
		Screw Jack Model
		Shafting General Bearing
		Simple Bearing
		Bush Bearing
		Plumber Block and Pedestal Bearing
		Foot Step Bearing
		Bearings (Ball)
		Bearings (Roller)
		Taper Bearing
	Mechanics of Material	Deflection of Beam Testing Machine
		Deflection of Spring Testing Machine
		Impact Testing Machine
		Rockwell cum Brinell Hardness Testing Machine
		Shear Test Attachment
		Torsion Testing Machine
	Manufacturing Processes	Cupola Furnace Model (Cross Section)
		Cupola Furnace Model (Charts)

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		Lifters
		Vent Rod
		Draw Spike
		Trawels
		Laddle Handle
	Machining Processes	Lathe Machine (Goel Industries)
		Shaper Machine
		Radial Drilling Machine
		Lathe Machine (Arun Industries)
	Computer Applications-II	Computers
		Computers
		Projector
	Dynamics of Machines	Governor Apparatus
		Motorised Gyroscope Apparatus
		Static and Dynamic Balancing Demonstrator
		Whirling of Shaft Demonstrator
		Cam Analysis Apparatus
		Pendulum Experiment
		Longitudinal Vibration Experiment
		Torsional Vibration Experiment
	Heat Transfer	Critical Heat Flux Apparatus
		Drop And Film Condensation Apparatus
		Emissivity Measurement Apparatus
		Pin Fin Apparatus
		Forced Convection Apparatus
		Stefan Boltzmann Apparatus
		Metal Bar Apparatus
		Insulating Powder Apparatus
		Liquid Apparatus
	Mechanical Measurement And Metrology	Inductive Pick up
		LDR Apparatus
		LVDT Trainer Kit
		Capacitive Pick up
		Piezoelectric Transducer
		RTD Trainer Kit
		Tachometer
		Sound Level Meter
		Stroboscope

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		Speed Measurement Module using Photoelectric Sensor
		Strain Gauge Trainer Kit(Cantilever beam)
		Strain Gauge Trainer Kit
		Thermocouple Trainer Kit
		Angle Plate
		Autocollimeter
	Mechatronics	One Real Time Application Module
		Basic Level Electro Pneumatic Trainer Kit
		Programmable Logic Controller Trainer with Demonstrator
		DC Motor Control Module
		PLC Real Time Application Trainer (Pedestrian Traffic Light Control)
		PLC Real Time Application Trainer (Traffic Light Control)
		PLC Real Time Application Trainer (Lift Control System)
		PLC Real Time Application Trainer (Level Control System)
		PLC Real Time Application Trainer (Bottle Filling System)
		PLC Real Time Application Trainer
		PLC Based Real Time Application Trainer (Hydraulic System Based)
	Energy Conversion-II	Single Cylinder 4 Stroke
		Gas Turbine
		Ram Jet Engine
		Cut Section of 1 cylinder, 4 Stroke Diesel Engine
		Sectional Working Model of 2 Stroke Petrol Engine
		Sectional Working Model of 4 Stroke, 3 Cylinder Diesel Engine
		Lubrication System of Fuel Injection System
		Ignition System of Petrol Engine
		Multi cylinder Petrol Engine Test Rig with Rope Brake Dynamometer for Morse Test
		Models of Carburetor
		Multi cylinder Petrol Engine Test Rig with Rope Brake

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		Dynamometer for Performance Test
		2 Stage Twin Cylinder Air Compressor
	Energy Conversion-III	Study and Demonstration of Solar Applications
		Study and Demonstration of Hydraulic Pumps and Valves
		Study and Demonstration of Industrial Hydraulic Circuits
		Study and Demonstration of Industrial Pneumatic Circuits
	Refrigeration And Air Conditioning	Vapour Compression Refrigeration Tutor
		Desert Cooler Test Rig
		General Cycle Air Conditioning Tutor
		Window Air Conditioner
		Cut Section of Domestic Refrigerator
		Cut Section of Hermetically Sealed Compressor
		Condenser with Fan
		Thermostatic Expansion Valve
	Stress Analysis	12" Diffused Light Poloriscope
		Model Cutter
		Model Polisher
	Computer Aided Mechanical Design	Computers
		Computers
		Projector
		Creo 2.0 Education Module

31. Number of Students receiving financial assistance from college, university government or other agencies.

Table ME 1.25: Govt. Scholarship Details

	2012-13	2013-14	2014-15	2015-16	2016-17
1st Year	91	50	22	93	40
2nd Year	64	107	116	112	122
3rd Year	-	22	58	75	51
4th Year	-	-	17	48	64
Total	**155**	**179**	**213**	**328**	**277**

32. Details on Students Enrichments Programs (Special Lectures/Workshops/Seminars) with external experts.

Table ME 1.26: Students Enrichments Programs & Events

Sr. No.	DATE	Name of Event	Type	Trainer/Organization
1.	30.01.2017	Seminar on Government exam preparation	Non Technical	Mr. Vaibhav Shrivastav

2.	16.09.2016	Seminar on "Jigs & Fixtures" And "3D Printing "	Technical	Mr. Surendra Chopde
3.	14.09.2016	Seminar on Skill Development through CAD / CAM / CAE	Technical	Mr. Mahesh Sahare
4.	19.07.2016	Seminar on Career Oriented Studies and Opportunities	Non-Technical	Mr. Manish Upadhyay
5.	18.03.2016	Technovation 2016 Designing scope and Job Assessments on Refrigeration & Air Conditioning	Technical	Dr. Amol Andhare
6.	05.08.2015	Seminar on Recent Trends in Design Engineering	Technical	Mr. Amol Bhagat
7.	22.07.2015	Seminar on Ash Handling in Industries	Technical	Mr. Jayant Mitra
8.	23.06.2014 & 24.06.2014	Workshop on Coal Quality Assessment & Energy Management in Industries	Technical	Dr. V.M. Kriplani
9.	09.12.2013	Research Methodology	Non-Technical	Dr. J.P.Modak

10. Teaching Methods adopted to improve students' learning.

* Technical Training as per employment need.
* Animated videos for innovative teaching-learning process.
* Effective black board teaching
* Value added lab sessions beyond syllabus are conducted to expose the students to software / hardware trends not included in their curriculum.
* Engage students in technical conversations. (Guest seminars & faculty seminars, discussions)
* Learning materials are uploaded on the Intranet – students are encouraged to do home exercises.
* The department is prompting the use of ICT (Animation, Video and PPT) with conventional method of lecture delivery. It is used as supplementary to make the class room teaching more attractive.
* Students are made available access to NPTEL videos. NPTEL provides E-learning through online Web and Video courses in Engineering, Science and humanities streams.
* Solutions manuals are provided to the students before Examinations.
* Discussion of Case Study in classrooms and Industrial visit to have a practical exposure.
* Interactive environment is for better teaching & learning process.

11. Participation in institutional Social Responsibility (ISR) and extension activities.

- Tree Plantation
- Blood Donation
- Computer awareness program for school students
- Medical awareness program
- Swach Mohgaon participation under to Swach Bharat Abhiyan
- Visit to old age home

12. SWOC analysis of the development and future plans.

STRENGTHS

- Qualified faculty & efficient staff
- Friendly campus
- Effective teaching

WEAKNESS

- Intake quality of the students
- Less count of experienced faculty

OPPORTUNITIES

- Effective & efficient teaching & learning process
- Motivate faculty
- Skill development programs for faculty

CHALLENGES

- Liberal education policy of government
- Competition due to more number of autonomous/private/foreign institutes & universities
- Shortage of multi facet industry nearby area.

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Evaluation Report of the Department of Electrical Engineering

1. Name of the Department
   Electrical Engineering

2. Year of Establishment
   2010-11

3. Names of programmes offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D. Litt., etc.)

   The course offered is given in table EE1.1.

Table EE 1.1: Courses offered

Level	Name of the Program	Year of Establishment
UG	B. E. Electrical Engineering	2010-2011
PG	M. Tech. Integrated Power System	2013-2014

4. Interdisciplinary programmes and departments involved

Table EE 1.2: Interdisciplinary Courses

Sr. No	Name of Interdisciplinary Course	Department	Name of Faculty	Semester /Session
1.	Mathematics-III	General Engineering	Prof. Bhawana Borikar	III Sem 2012-13
2.	Mathematics - IV	General Engineering	Prof. Bhawana Borikar	IV Sem 2012-13
3.	Mathematics - III	General Engineering	Prof. Bhawana Borikar	III Sem 2013-14
4.	Mathematics -IV	Mechanical Engineering	Prof. Madhubala Pandey	IV Sem 2013-14
5.	Mathematics - III	General Engineering	Prof. Nilima Bhabare/Prof. Praveen Kumar	III Sem 2014-15
6.	Mathematics - IV	General Engineering	Prof. Manjushree Muley	IV Sem 2014-15
7.	Mathematics - III	General Engineering	Prof. Praveen Kumar	III Sem 2015-16
8.	Mathematics - IV	General Engineering	Prof. Manjushree Muley	IV Sem 2015-16

9.	Mathematics - III	General Engineering	Prof. Pallavi Rajabhoj	III Sem 2016-17
10.	Mathematics - IV	General Engineering	Prof. Pallavi Rajabhoj	IV Sem 2016-17
11.	Electronics Devices & Circuits	Electronics & Communications Engineering	Prof. Sanchali Bhisnurkar	III Sem 2012-13
12.	Digital Circuits	Electronics & Communications Engineering		IV Sem 2012-13
13.	Electronics Devices & Circuits	Electronics & Communications Engineering	Prof. Shruti Taksande	III Sem 2013-14
14.	Digital & Linear Electronics Circuits	Electronics & Communications Engineering	Prof. Shruti Taksande	IV Sem 2013-14
15.	Electronics Devices & Circuits	Electronics & Communications Engineering	Prof. Shruti Taksande	III Sem 2014-15
16	Digital & Linear Electronics Circuits	Electronics & Communications Engineering	Prof. Shruti Taksande	IV Sem 2014-15
17	Electronics Devices & Circuits	Electronics & Communications Engineering	Prof. Sagar Pradhan	III Sem 2015-16
18	Digital & Linear Electronics Circuits	Electronics & Communications Engineering	Prof. Sagar Pradhan	IV Sem 2015-16
19	Electronics Devices & Circuits	Electronics & Communications Engineering	Prof. Dipak Bhoyar	III Sem 2016-17
20	Digital & Linear Electronics Circuits	Electronics & Communications Engineering	Prof. Pradnya Parate	IV Sem 2016-17

5. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

6. Details of programmes discontinued, if any, with reasons

NIL

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7. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- ▪ The UG Program follows the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) guidelines with Credit Based System (CBS).
- ▪ The PG Program follows the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) guidelines with P. G. Semester based system.

8. Participation of the department in the courses offered by other departments

Table EE 1.3: Interdisciplinary Courses

Sr. No	Name of Interdisciplinary course	Department	Name of Faculty	Semester / Session
1.	Basic Electrical Engineering	General Engineering	Prof. Pooja Chimurkar	2016-17
2.	Advanced Electrical Engineering	General Engineering	Prof. Pooja Chimurkar	2016-17
3.	Basic Electrical Engineering	General Engineering	Prof. Ravi Gulhane	2015-16
4.	Advanced Electrical Engineering	General Engineering	Prof. Pooja Chimurkar	2015-16
5.	Basic Electrical Engineering	General Engineering	Prof. Vaishali Pawade	2014-15
6.	Advanced Electrical Engineering	General Engineering	Prof. Ravi Gulhane	2014-15
7.	Basic Electrical Engineering	General Engineering	Prof. Asmita Moon	2013-14
8.	Advanced Electrical Engineering	General Engineering	Prof. Asmita Moon	2014-15

9. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

The department has well experienced Faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table EE 1.4:

Table CSE 1.4: Teaching Post

Teaching Post	UG		PG	
	Sanctioned	Filled	Sanctioned	Filled
Professor	02	00	01	00
Associate Professors	04	00	01	00
Asst. Professors	26	26	02	04

10. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Table EE 1.5: Faculty Profile

Sr. No.	Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.	Mr. Ravi Gulhane	M. Tech	Assistant Professor	Integrated Power System	15 Years	Nil
2.	Ms. Sneha Tibude	M. Tech	Assistant Professor	Integrated Power System	4.5 Year	Nil
3.	Mr. Shashikant Kewte	M. Tech	Assistant Professor	Integrated Power System	12 Year	Nil
4.	Mr. Nishant Ghate	M. Tech	Assistant Professor	Integrated Power System	3.5 Years	Nil
5.	Mr. Rohit Kanojiya	M. Tech	Assistant Professor	Integrated Power System	2.5 Year	Nil
6.	Ms. Trupti Gajbhiye	M. Tech	Assistant Professor	Industrial Drives and Control	1.5 Years	Nil
7.	Ms. Pooja Chimurkar	M. Tech	Assistant Professor	Electrical Power System	1.5 Years	Nil
8.	Mr. Imran Ahamed	M. Tech	Assistant Professor	Integrated Power System	1.5 Years	Nil
9.	Ms. Sonali Moon	M. Tech.	Assistant Professor	Integrated Power System	1.5 Years	Nil
10.	Mr. Md Altaf	M. Tech.	Assistant Professor	Integrated Power System	1.5 Years	Nil
11.	Mr. Vaibhav Raut	M. Tech	Assistant Professor	Integrated Power System	1.5 Years	Nil
12.	Mr. Nikitesh Hawladar	M. Tech Pursuing	Assistant Professor	Integrated Power System	1.5 Years	Nil
13.	Mr. Pravin Malviya	B.E	Assistant Professor	Electrical Engineering	1.5 Years	Nil

14.	Mr. Gaurav Washimkar	M. Tech Pursuing	Assistant Professor	Integrated Power System	1.5 Years	Nil
15.	Ms. Pallavi Manwatkar	B.E	Assistant Professor	Electrical Engineerin	1.5 Years	Nil
16.	Ms. Yogita Rothekar	M. Tech Pursuing	Assistant Professor	Integrated Power System	1.5 Years	Nil
17.	Ms. Kishori S. Rewatkar	M. Tech Pursuing	Assistant Professor	Integrated Power System	1.5 Years	Nil
18.	Ms. Ashwini Khade	M. Tech Pursuing	Assistant Professor	Integrated Power System	1.5 Years	Nil
19.	Ms. Prachi Badhiye	M. Tech	Assistant Professor	CSE	2 Years	Nil
20.	Ms. Pragati Rathi	M. Tech	Assistant Professor	Integrated Power	1 Year	Nil
21.	Mr. Swapnil Kaikade	B. E.	Assistant Professor	EE	2 Year	Nil
22.	Ms. Monika Bawariya (Kaithwans)	M. Tech	Assistant Professor	Integrated Power System	2.5 Years	Nil
23.	Ms. Bushra Khan	M. Tech	Assistant Professor	Integrated Power System	4.5 Year	Nil
24.	Ms. Priti Kontamwar	M. Tech	Assistant Professor	Integrated Power System	6 Months	Nil
25.	Ms. Kalyani Deotale	B. E.		CSE	2 Year	Nil
26.	Mr. Mahesh Chawhan	M. Tech Pursuing	Visiting	Integrated Power System	6 Months	Nil
27.	Mr. Manoj Chawhan	M. Tech Pursuing	Visiting	Integrated Power System	6 Months	Nil
28.	Ms. Ayushi Wasnik	B. E.	Visiting	Electrical Engineerin	6 Months	Nil
29.	Ms. Snehal Gatkine	B. E.	Visiting	Electrical Engineerin	6 Months	Nil
30.	Ms. Priti Manwatkar	B. E.	Visiting	Electrical Engineerin	6 Months	Nil
31.	Ms. Pravin Kakde	B. E.	Visiting	Electrical Engineerin	6 Months	Nil
32.	Ms. Sulbha Kamble	M. Tech	Visiting	Integrated Power	6 Months	Nil

11. List of senior Visiting Faculty.

Table EE 1.6: Visiting Faculty

Sr. No.	Name	Qualification	Designation
1	Prof. Mahesh Chawhan	M. Tech	Visiting Faculty
2	Prof. Manoj Chawhan	M. Tech	Visiting Faculty
3	Prof. Ayushi Wasnik	B. E	Visiting Faculty
4	Prof. Snehal Gatkine	B.E	Visiting Faculty
5	Prof. Priti Manwatkar	B.E	Visiting Faculty
6	Prof. Pravin Kakde	B.E	Visiting Faculty
7	Prof. Sulbha Kamble	M. Tech	Visiting Faculty

12. Percentage of lectures delivered and practical classes handled (Programme Wise) by temporary faculty.

Table EE 1.7: Percentage of lectures by Visiting Faculty

Sr. No.	Name	Subject	Theory (Per Week)	Practical (Per Week)	Percentage (Per Week)
1	Prof. Mahesh Chawhan	M-IV	2	-	33.33%
2	Prof. Manoj Chawhan	EMC-I	-	2	25%
3	Prof. Ayushi Wasnik	EDC	2	-	33.33%
4	Prof. Snehal Gatkine	PE	-	2	25%
5	Prof. Priti Manwatkar	SGP	-	2	25%
6	Prof. Pravin Kakde	CAPS	2	-	33.33%
7	Prof. Sulbha Kamble	DLEC	-	2	25%

13. Programme-wise Student Teacher Ratio

Table EE 1.8: Students Teacher Ratio

Sr. No.	Course	Intake	Ratio
1	B. E.	120	15:1
2	M. Tech.	24	12:1

Self Study Report

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14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.

    – **Available Academic support Staff (Technical) – 05**

    – **Available Administrative support staff - 02**

15. Qualification of Teaching Faculty D. Sc. /D. Lit. /Ph. D. /M. Phil. /PG.

Table EE 1.10: Qualification Details

Sr. No	Qualification	Total No. Of Staff
1.	Ph. D	0
2.	M. E. / M. Tech. Completed	11
3.	M. E. / M. Tech. Pursuing	17

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) and grants received.

NIL

17. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. and total grants received.

NIL

18. Research Centre Facility recognized by University.

NIL

19. Publications:
    ➢ Publications per Faculty

Table EE 1.11: Publications Details

Sr. No.	Name of Faculty	Details of Publication		
		International Journal	International Conference	National Conference
1.	Bushra Khan	2	-	-
2.	Sneha Tibude	3	1	-
3.	Shashikant Kewte	3	1	
4.	Resham Tondare	3		
5.	Laxmikant Bopche	2		
6.	Ravi Gulhane	1		
7.	Trupti Gajabhiye	1	1	1
8.	Md. Altaf	1	1	1
9.	Pooja Chimurkar	1	1	1
10.	Ashwini Khade	1	1	1
11.	Monika Bawariya	1	1	1
12.	Sulbha Kambale	1	1	1
13.	Priti kontamawar	1	1	1
	Total	**21**	**16**	

> ➤ Number of papers published in peer reviewed journals (national / international) by Faculty and Students

> > ▪ **Total No. of papers published in National/International Journal:- 21**

> > ▪ **Total number of papers published in National/International conference:- 16**

> ➤ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

> ➤ Monographs: --

> ➤ Chapters in Books: --

> ➤ Books Edited: --

> ➤ Books with ISBN with details of publishers: **Nil**

> ➤ Citation Index (as per Google Scholar)

> ➤ h-index / i10-Index (as per Google Scholar)

14. Areas of consultancy and income generated:

NIL

15. Faculty as a member in a) National committees b) International committees c) Editorial Boards.

16. Student projects
    a. Percentage of students who have done in-house projects including inter Departmental / program: –
       100 % (according to University norms students have to complete their in house project work).

Table EE 1.15: Students Projects

Sr. No.	Academic Year	Percentage of students who have done in-house projects	Percentage of students placed for projects outside
1.	2016-17	100 %	
2.	2015-16	100 %	
3.	2014-15	100 %	
4.	2013-14	100 %	

   b. Percentage of students placed for projects in collaboration with organizations outside the institutions i.e. in Research Laboratories/Industry/Other Agency.
      NIL

17. Awards /recognitions received by Faculty and Students.

   NIL

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18. List of eminent academicians and scientists / visitors to the department.

Sr. No.	Name of academicians / scientists / visitors	Designation
1.	Dr. M. M. Renge	Professor, RCOEM, Nagpur
2.	Dr. R.S. Mohril	Professor, YCCE, Nagpur
3.	Dr. Snehal Gawande	Associate Professor, Y.C.C.E, Nagpur
4.	Dr. Yugal Rayalu	Govt. Vocational School, Nagpur
5.	Mr. Anil Palamwar	Certified Energy Auditor
6.	Er. Prashant Mawale	Assistant Director, N.P.T.I, Nagpur

19. Seminars / Conferences / Workshops organized and the source of funding.

a. National

Table CSE 1.16: Seminars/Conferences/Workshops Organized

Sr. No.	Category	Name Of Activity	Resource Person	Source Of Funding	Date
1.	Guest Lecture	Guest Lecture on Industrial Drives	Dr. M.M.Renge	Self	31st January 2015
2.	POSTER & PROJECT PRESENTATION	"Renewable Energy for Powering Generation" THE POWER CONCLAVE	Dr. R.S. Mohril YCC Electrical Engineering	Self	13th & 14th March 2015
3.	Seminar	Seminar on Energy Conservation	Mr. Anil Palamwar	Self	20th August 2015
4.	Guest Lecture	Guest Lecture on Personality Development	Dr. Yugal Rawalu	Self	29th July 2016
5.	Guest Lecture	Guest Lecture on AUTOCAD - Electrical	Mr. Amit Jain	Self	6th August 2016
6.	Seminar	Seminar on Automation in Electrical Engineerin	Mr. Dhananjay Dhore	Self	14th September 2016
7.	Workshop	Competition on " Best on Waste "	Shri. Anil Kahare	Self	15th September 2016
8.	Seminar	Seminar on - Learning Practices	Shri. M.D.Gandhe	Self	15th October 2016
9.	Guest Lecture	Guest Lecture on Power Electronics	Dr. Snehal Gawande	Self	14th January 2016
10.	POSTER & PROJECT PRESENTATION	"Renewable Energy for Powering Generation" THE POWER CONCLAVE	Er. Prashant Mawale	Self	28th February, 2017

b. International

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NIL

20. Student profile programme/course wise:

Table EE 1.17: First year Admission Statistics

Name Of Course/Program	Year	Application Received	Application Selected	Male	Female
Electrical Engineering	2012-13	120	72	58	14
	2013-14	120	43	23	20
	2014-15	120	12	10	2
	2015-16	120	69	52	17
	2016-17	120	82	59	23

Table EE 1.18: Direct Second year Admission Statistics

Name Of Course/Program	Year	Application Received	Application Selected	Male	Female
Electrical Engineering	2012-13	23	23	21	2
	2013-14	94	94	84	10
	2014-15	109	109	87	12
	2015-16	134	134	112	22

Table EE 1.19: M. Tech Integrated Power System Admission Statistics

Name of the Programme (refer to question no. 4)	Academic Session	Applications received	Selected	Enrolled	
				Male	Female
M. Tech. IPS	2016-17	04	04	01	03
	2015-16	24	24	13	15
	2014-15	16	16	9	7
	2013-14	24	24	15	9

21. Diversity of students (2016-17)

Table EE 1.20: Diversity of Students in UG

Name Of The Course	Year	No. Of Student From The Same State	No. Of Student From The Other State	No. Of Student From Abroad
Electrical Engineering	2012-13	70	2	Nil
	2013-14	42	1	Nil
	2014-15	12	0	Nil
	2015-16	68	1	Nil
	2016-17	81	1	Nil

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Table EE 1.21: Diversity of Students in PG

Name of the Programme (refer to question no. 4)	Academic Session	% of Students from the same State	% of Students from other States	% of Students from abroad
M. Tech. Integrated Power System	2016-17	100	0	0
	2015-16	100	0	0
	2014-15	100	0	0
	2013-14	100	0	0

22. How many students have cleared National and State Competitive Examinations such as NET, SLET, GATE, Civil Services, and Defense Services etc.?

Exam	Year	Batch	Name of Student	GATE Score	Marks out of 100	All India Rank
GATE	2016	2015-16	Mr. Ashish Dhone	254	16.74	34309

23. Student progression

Table CSE 1.22: Student Progression Chart

Student progression	Against Percentage (%) Enrolled			
	2016-17	2015-16	2014-15	2013-14
UG to PG	-	4.83	11.53	4.76
PG to M. Phil	-	-	-	-
PG to Ph.D.	-	-	-	-
Ph. D. to Post-Doctoral	-	-	-	-
Employed	Against Percentage (%) Passed Out			
	2016-17	2015-16	2014-15	2013-14
✓ Campus selection	NA	0.00	11.53	4.76
✓ Other than campus recruitment	-	-	23.07	28.57
Entrepreneurship/Self-Employment	-	-	-	-

24. Details of Infrastructural Facilities

    a. Library

       1. Total No. of Titles: 69

       2. Total No of Books : 71

       3. Reports: Final year project report B.E and M. Tech, Mini Project reports

       4. Syllabus: RTMNU

5. Other Books: GATE, Magazines

6. Notes: Subjects Notes for All Semesters

7. Digital Library: PPT for all Subjects, NPTEL Videos (20 Subjects), E-Books

b. Internet Facility for Staff and Students
- The department has Internet connectivity of 20 Mbps leased line contention ratio 1:1 (BSNL) + 100 MBPS LAN enabled connectivity and over 5 access points for Wireless connectivity throughout campus.
- Internet facility is provided for both students and staff.
- Campus of the Institute is Wi-fi Enabled.

c. Classrooms with ICT facility

The class room details are given in Table 1.23 EE

Table EE 1.23: Classrooms

Sr. No.	Infrastructure	Quantity
1.	Class Room	04
2.	Tutorial	03
3.	Seminar Hall	01

The class rooms are equipped with overhead projector and internet through high speed Wi-Fi Connection.

For ICT following teaching aids are being used by the department
- PPT Presentation based on the Curriculum.
- NPTEL Videos
- E books
- Multimedia Facility

d. Laboratories

The adequate and well equipped laboratories are available in department is given in table EE

Table EE 1.24: Laboratories (UG+PG)

Sr. No	Lab Name	Major Equipment
1.	**Network Analysis Lab**	Cascaded Two Port Network
		Digital Multimeter
		Norton's Thevenin's Theorem Kit

		Reciprocity Theorem Kit
		RLC Resonance Kit
		Superposition and Maximum Power Transfer Theorem Kit
		Tellegance Theorem Kit
2	**Electrical Measurement & Instrumentation Lab**	Wheatstone Bridge
		Kelvin's Bridge
		Desautty Bridge
		Maxwell Bridge
		Measurement of power & power factor n 3 phase circuit by 2 wattmeter method.
		Earth resistance by fall of potential method.
		CRO
		3 phase loading Rheostat
		3 phase loading variac
		Decade resistance, Inductance and Capacitance brideg.
3.	**Electrical Machines Lab**	DC shunt motor 3 HP, 220 V, 2000 rpm Coupled with salient pole AC
		D.C. 3 point starter
		DC shunt motor-I
		DC shunt motor-II
		Resistive lamp load I
		Resistive lamp load II
		Repulsion motor
		Salient pole synchronous machine by slip test
		Synchronization & parallel operation of 2 alternator panel with built in two DC sources & Exciter
		Variac 3 phase, 4 amp
		Mini XPO – EMT with 4*3 flat demo
		XPO transformer trainer kit
4	**Power Electronics Lab**	SCR Commutation Kit
		Thyristor Firing Circuit
		SCR single phase half wave, Full wave Rectifier
		DC motor Control using SCR
		Three phase fully controlled converter
		SMPS Trainer kit
		Morgans chopper
		Series Inverter using SCR's
		Parallel Inverter using SCR's
		Jones Chopper
5	**Control Systems - I Lab**	ON/OFF Temperature controller (Indicator cum Controller)
		AC servo speed torque characteristics trainer
		DC servo speed torque characteristics trainer
		AC position control system trainer

		Potentiometer as a error Detector
		Synchro transmitter receiver pair
		Stepper motor controller trainer
		DC voltage regulator as a closed loop system
		DC speed controller trainer kit.
		PLC trainer demonstration unit.
6	**High Voltage Engineering Lab**	HV transformer with coil
		Rod Gap Set up
		Impulse Generator
		High Voltage BD Tester with dia
		Oil Testing Kit
		Electrolytic Tank
		Horn Gap Apparatus
		Sphere Gap
7	**Switch Gear & Protection**	Over Current Relay Testing Kit
		Over Current & Earth Fault Relay Testing Kit
		Under Voltage/ Over Voltage Relay Testing Kit
		IDMT Over Current Relay Testing Kit
		To study the operation of static definite time reverse power relay
		CT Test Set Accessories: Current Transformer 30/5Amps(Set of 2 Nos.) Resistive Lamp Load 1000W in 5 Steps, Current Injector 5 A
		Over Current Relay (Directional Type)
		Bucholz Relay
		To study Transformer Differential Protection
8	**Basic Electrical Engineering Lab**	Verification of KVL and KCL
		Verification of Superposition Theorem
		Study of B.H. Curve apparatus
		CRO (Dual Channel 20 MHz)
		LCR impedance apparatus
		O.C .and S.C. Test
		Single phase variac 8 Amp
		Single phase transformer 1 KVA / 230 V AC
		Control panel for efficiency of single phase transformer
		Single phase variac 8 Amp
		Loading Rheostat 2 KW single phase
		Single phase transformer 1 KVA / 230 V AC
9	**Computer Applications in**	Desktop Computers
		MATLAB Software - 10 user License

	Power System	
10	**Advanced Electrical Drives**	DC Drive Trainer kit
		Speed Control of Induction Motor Drive
		Thyristor Control of Motor Drive
		AC Drive Trainer Drive

For PG: M. Tech (Integrated Power System)

Sr. No	Lab Name	Major Equipment
1	**Switch Gear & Protection**	Over Current Relay Testing Kit
		Over Current & Earth Fault Relay Testing Kit
		Under Voltage/ Over Voltage Relay Testing Kit
		IDMT Over Current Relay Testing Kit
		To study the operation of static definite time reverse power relay
		CT Test Set Accessories: Current Transformer 30/5Amps(Set of 2 Nos.) Resistive Lamp Load 1000W in 5 Steps, Current Injector 5 A
		Over Current Relay (Directional Type)
		Bucholz Relay
		To study Transformer Differential Protection
2	**Advanced Electrical Drives**	DC Drive Trainer kit
		Speed Control of Induction Motor Drive
		Thyristor Control of Motor Drive
		AC Drive Trainer Drive

25. Number of Students receiving financial assistance from college, university government or other agencies.

Table EE 1.25: Scholarship Details

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
1st Year	32	51	31	4	47	12
2nd Year	53	59	119	126	107	34
3rd Year	-	40	24	76	81	25
4th Year	-	-	16	29	49	15
	85	**150**	**190**	**235**	**284**	**86**

26. Details on Students Enrichments Programs (Special Lectures/Workshops/Seminars) with external experts.

Table EE 1.27: Students Enrichments Programs & Events

Sr. No.	Date of Guest Lecture	Topic	Expert Name	From
1.	14/02/2017	Power Electronics Applications	Dr. Snehal Gawande	Yeshwantrao Chawhan College of Engineering, Nagpur
2.	14/09/2016	Recent Trends in Automation	Mr. Dhananjay Dhore	Prolific Systems , Nagpur
3.	06/08/2016	Autocad Electrical	Mr. Amit Jain	Astral Informatics Pvt. Ltd, Nagpur
4.	31/01/2015	Power Electronics	Dr. M.M.Renge	Ramdeobaba College of Engineering & Management, Nagpur
5.	15/12/2013	Research Methodology	Dr.P.Devnani	Smt. Rajshri Mulak College of Engineering for Women, Nagpur

27. Teaching Methods adopted to improve students' learning.
Showing NPTEL lectures, Presentation on related topic, technical training to students like MATLAB, PLC SCADA. Open book test for the students so that they can make more use of text books. One midterm examination and one Pre-University examination so as to check whether student has got the knowledge of respective subject or not. If some student's lacks then extra class are arranged for the students where they can solve their query also they can ask for repetition of any topic if they won't understand. Students are also send for Industrial training so that they can relate their theoretical knowledge.

28. Participation in institutional Social Responsibility (ISR) and extension activities. NSS activity by students, Awareness of Renewable energy among school students through presentation by staff.
   - Tree Plantation
   - Blood Donation

29. SWOC analysis of the development and future plans.

Strengths

- Effective Teaching Expertise
- Expertise in multidisciplinary knowledge areas
- Adoption of innovative teaching-learning methodologies (Open Book Test)
- Good infrastructure.
- Well-equipped laboratories.
- Faculty with research experience.

Weaknesses

- Needs to work on E-learning resources
- Students having less percentage are admitted through CAP
- Less number of funding proposals

- Industrial sites visits and educational tours to fill the gap of theory and practical knowledge.
- Teacher/Guardian Scheme
- Industrial exposure to students.
- Personality Development, Leadership and Soft Skill training to students

Opportunities

- Involvement of students in research activities in association with faculties.
- Rapid growth of emerging trends in Electrical Engineering field worldwide.
- Use of distance education, flexible learning and adoption of new information and communication technology to increase access.
- Motivating faculty members to attend Conferences, Workshops and Faculty development Program.
- Procurement of funds from potential funding agencies like DST, UGC, AICTE, VTU etc.

Challenges

- To maintain high standards of academic results from lower quality students.
- Advanced technology or changes in industrial domain to get exposure
- To improve Student's employability ratio.
- Retention of Faculty members.

Self Study Report

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Evaluation Report of the Department of Computer Science & Engineering

1. Name of the Department

   Computer Science and Engineering

2. Year of Establishment

   2009-10

3. Names of programmes offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D. Litt., etc.)

   The course offered is given in table CSE1.1.

Table CSE 1.1: Courses offered

Level	Name of the Program	Year of Establishment
UG	B. E. Computer Science & Engineering	2009-2010
PG	M. Tech. Computer Science & Engineering	2011-2012

4. Interdisciplinary programmes and departments involved

Table CSE 1.2: Interdisciplinary Courses

Sr. No.	Name of Interdisciplinary Course	Department	Name of Faculty	Semester Session
1.	Discrete	Mathematics	Gajanan	IV Sem, 2013-14
2.	Mathematics and	Department, General	Patle	IV Sem, 2014-15
3.	Graph Theory	Engineering		IV Sem, 2015-16

5. Courses in collaboration with other universities, industries, foreign institutions, etc.
   - Hardware and Networking Practical Guidance by Revat Networks Pvt. Ltd, Nagpur
   - Java Programming with Industrial Aspects by IT Networkz, Nagpur.
   - IOT and Big Data Courses by Lemures Technologies, Nagpur.

6. Details of programmes discontinued, if any, with reasons

   NIL

7. Examination System: Annual/Semester/Trimester/Choice Based Credit System

   ▪ The UG Program follows the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) guidelines with Credit Based System (CBS) – Semester Pattern.
   ▪ The PG Program follows the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) guidelines with P. G. Semester based system.

8. Participation of the department in the courses offered by other departments

Table CSE 1.3: Interdisciplinary Courses

Sr. No.	Name of Course Offered by other Department	Department	Name of Faculty	Semester Session
1.	Computer Programming	Electrical Engineering	Pragati Patil	Sem IV 2015-16
2.	Computer Application I Practical	Mechanical Engineering	Rahul Pusdekar	Sem V 2015-16
3.	Computer Application II Practical	Mechanical Engineering	Rahul Pusdekar	Sem VI 2015-16
4.	Computer Application I Practical	Mechanical Engineering	Gajanan Patle	Sem V 2014-15
5.	Computational Skills	General Engineering	Sonal Honale	Sem I 2014-15
6.	Computer Programming	Electrical Engineering	Gajanan Patle	Sem IV 2012-13

9. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

The department has well experienced Faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table CSE 1.2:

Table CSE 1.4: Teaching Post

Teaching Post	UG		PG	
	Sanctioned	Filled	Sanctioned	Filled
Professor	01	0	01	0
Associate Professors	03	0	01	0
Asst. Professors	12	17	01	03

10. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Table CSE 1.5: Faculty Profile

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M. Tech students guided for the last 4 years
1.	Pragati Patil	M. Tech CSE	Assistant Professor	Wireless Sensor Network, Network Security	9	39
2.	Yogesh Bhute	M. E. WCC	Assistant Professor	Wireless Network, Cloud Computing, TCPIP	4.5	15
3.	Sonal Honale	M. Tech CSE	Assistant Professor	Image Processing, Data Structures	3	10
4.	Vimmi Gajbhiye	M. Tech CSE	Assistant Professor	Mobile Computing, Data Communication	5	8
5.	Shital Kumar Sukhdeve	M. Tech CSE	Assistant Professor	Data Security, Wireless Communication	5	-
6.	Deepak Kapghate	M. Tech CSE	Assistant Professor	Mobile Computing, Data Communication	4	-
7.	Dinesh Raut	M. Tech CSE	Assistant Professor	Operating System, Database Management System	3	-
8.	Gajanan Patle	M. Tech CSE	Assistant Professor	Image Processing, Data Structures	4	-
9.	Pooja Chaware	M. Tech. CSE	Assistant Professor	Distributed Operating Systems, Artificial Neural Network	3	
10.	Ranjita Asati	M. Tech. CSE	Assistant Professor	Distributed Operating Systems, Data Security	1	
11.	Meenal Bhoyar	M. Tech CSE	Assistant Professor	Distributed Operating Systems, Compilers	2	-
12.	Vaishali Khobragade	M. Tech CSE	Assistant Professor	Mobile Computing, Data Communication	2	

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M. Tech students guided for the last 4 years
13.	Sumit Kanoje	B. E.	Visiting	Database Management and Data Mining	5	
14.	Vijar Barapatre	B. E.	Visiting	Wireless Communication, Computer Networks	6	
15.	Sandip Shahu	M. E. WCC	Visiting	Wireless Communication	11	
16.	Aniket Uprikar	B. E.	Visiting	Cyber Laws & Cyber Security	5	

11. List of senior Visiting Faculty.

Table CSE 1.6: Visiting Faculty

Sr. No.	Name	Designation	Expertise
1	Dr. V. M. Thakre	Head, CSE, SGBAU, Amaravati	Operating System, Data Structures
2	Dr. Manali Kshirsagar	Principal, SDMP, Nagpur	Wireless Communication
3	Sumit Kanoje	Programmer Analyst, Cognizant, Pune	Database Management and Data Mining
4	Vijar Barapatre	Programmer Analyst	Wireless Communication, Computer Networks
5	Aniket Uprikar	Associate System Administrator – Perficient India Pvt. Ltd, Nagpur	Cyber Laws & Cyber Security
6	Dipak Dhote	CEO, IT Networkz, Nagpur	C#, .NET, SQL

12. Percentage of lectures delivered and practical classes handled (Programme Wise) by temporary faculty.

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**: 17 %**

13. Programme-wise Student Teacher Ratio

<div align="center">

Table CSE 1.8: Students Teacher Ratio

</div>

Sr. No.	Course	Intake	Ratio	Required Staff
1	B. E.	60	15:1	16
2	M. Tech.	18	12:1	03

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.

   – **Available Academic support Staff (Technical) – 04**

   – **Available Administrative support staff - 02**

15. Qualification of Teaching Faculty D. Sc. /D. Lit. /Ph. D. /M. Phil. /PG.

<div align="center">

Table CSE 1.10: Qualification Details

</div>

Sr. No.	Qualification	Total Number Staff
1.	M. Tech	13
2.	Ph. D. Pursuing	01
3.	Ph. D.	-

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) and grants received.

<div align="center">

NIL

</div>

17. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. and total grants received.

<div align="center">

NIL

</div>

18. Research Centre Facility recognized by University.

<div align="center">

NIL

</div>

19. Publications:

➢ Publications per Faculty

Table CSE 1.11: Publications Details

Sr. No.	Name of Faculty	Details of Publication		
		International Journal	International Conference	National Conference
1.	Pragati Patil	19	09	06
2.	Yogesh Bhute	14	04	01
3.	Sonal Honale	15	03	02
4.	Gajanan Patle	05	06	02
5.	Meenal Bhoyar	01	01	-
6.	Vaishali Khobragade	02	01	-
7.	Dinesh Raut	02	01	01
8.	Vimmi Gajbhiye	03	02	01
9.	Shital Kumar Sukhdeve	02	01	01
10.	Deepak Kapghate	02	02	01
Total		**66**	**45**	

➢ Number of papers published in peer reviewed journals (national / international) by Faculty and Students
- **Total No. of papers published in National/International Journal:- 66**
- **Total number of papers published in National/International conference:- 45**

➢ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

➢ Monographs: --

➢ Chapters in Books: --

➢ Books Edited: --

➢ Books with ISBN with details of publishers: **01**

Table CSE 1.12: Book Details

Name of Book	Name of Author	ISBN Number	Publisher
Energy & Time Performance Metrics in Wireless Sensor Network: Energy and Time Characteristics in a Mobile Phone Cryptography Assistant	Pragati Patil Bedekar, Department of CSE	• **ISBN-10:** 3659250228 • **ISBN-13:** 978-3659250224	LAP LAMBERT Academic Publishing (28/09/ 2012)

➢ Citation Index (as per Google Scholar)

Table CSE 1.12: Citation Index

Sr. No.	Name of Faculty	No. of Articles Cited	Total No. of Citations
1.	Pragati Patil	09	28
2.	Yogesh Bhute	06	09
3.	Sonal Honale	05	13
4.	Gajanan Patle	01	01

➢ h-index / i10-Index (as per Google Scholar)

Table CSE 1.12: h-Index

Sr. No.	Name of Faculty	h-Index	i10-Index
1.	Pragati Patil	03	01
2.	Yogesh Bhute	02	-
3.	Sonal Honale	02	-

20. Areas of consultancy and income generated

NIL

21. Faculty as a member in a) National committees b) International committees c) Editorial Boards.

22. Student projects
    a. Percentage of students who have done in-house projects including inter Departmental / program: –
    100 % (according to University norms students have to complete their in house project work).

_____

Table CSE 1.15: Students Projects

Sr. No.	Academic Year	Percentage of students who have done in-house projects	Percentage of students placed for projects outside
1.	2016-17	100 %	
2.	2015-16	100 %	
3.	2014-15	100 %	
4.	2013-14	100 %	

b. Percentage of students placed for projects in collaboration with organizations outside the institutions i.e. in Research Laboratories/Industry/Other Agency.

NIL

23. Awards /recognitions received by Faculty and Students.

NIL

24. List of eminent academicians and scientists / visitors to the department.

1. Mr. Milind Gupta, International faculty & Maharashtra State Teachers Coordinator, Art of Living
2. Mr. Hemant Waghmare, Program Officer, Maharashtra Center for Entrepreneurship Development, Nagpur
3. Mr. Manoj Rai, Network Hub, Nagpur
4. Mr. Deepak Dhote, CEO IT Networkz, Nagpur
5. Mr. Vijay Naidu, District Secretary, Rotary Club Nagpur, Nagpur
6. Mr. Aditya Jain, Research Engineer, Webnet Infotech Pvt. Ltd.
7. Mr. Shrirang Korde, Software Expert , Shri Mahalaxmi technologies ,Nagpur.
8. Mr. Aatif Qureshi, Er. Infocepts, Pvt. Ltd
9. Mr. Prakhar Kshatriya, Corporate Trainer, IT Networks Infosystems Pvt Ltd, Nagpur
10. Prof. Devyani Shirkhede, Assistant Prof. RKNEC
11. Mr. Bhavesh Pali, Nexus Net Pvt. Ltd.
12. Mr. Abhishek Mahure, Anti-Hans Corporation
13. Dr. Durga Toshniwal, Associate Prof. IIT Roorkee
14. Mr. Dinesh Pohane from USA
15. Ms. Snehal Savarkar, ICBI Bangalore
16. Ms. Grahi Parmar, Software Engineer, Persistent System Ltd., Nagpur
17. Mr. Suchit Sapate, Software Engineer (Project Lead), Persistent System Ltd., Nagpur
18. Prof. Nikhil Jha, Asst. Prof. S. B. Jain Institute of Technology, Management and Research, Nagpur
19. Mr. Rajesh Pawar, CEO IT Eduction, Nagpur.

25. Seminars / Conferences / Workshops organized and the source of funding.

    a. National

Table CSE 1.16: Seminars/Conferences/Workshops Organized

Sr. No.	Dates	Name of Workshop	Associates	Funding
1.	22-01-14 to 23-01-14	Workshop on Ethical Hacking and Network Security	Network Hub, Nagpur	Self Funded
2.	22-03-14 to 23-03-14	National level Workshop on "Matlab"	IIIT Hyderabad	
3.	08-12-13	National level Workshop on "Research Methodology"	Dr. J. P. Modak, Dean R &D PCE, Nagpur.	
4.	03-10-13	National level Workshop on "Linux Programming and Cloud Computing"	Nexus Net Pvt. Ltd.	
5.	04-01-14	Workshop on "Advances in Data Mining"	Dr. Durga Toshniwal, Associate Prof. IIT Roorkee	

    b. International
       NIL

26. Student profile programme/course wise:

Table CSE 1.17: First year Admission Statistics

Name of the Programme (refer to question no. 4)	Academic Session	Applications Received	Selected	Enrolled	
				Male	**Female**
B. E. CSE	2016-17	19	16	10	06
	2015-16	50	47	28	19
	2014-15	02	02	01	01
	2013-14	36	36	11	25

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Table CSE 1.18: Direct Second Year Admission Statistics

Name of the Programme (refer to question no. 4)	Academic Session	Applications received	Selected	Enrolled	
				Male	Female
B. E. CSE (DSY)	2016-17	35	35	22	13
	2015-16	43	43	27	16
	2014-15	00	00	00	00
	2013-14	06	06	01	05

Table CSE 1.19: M. Tech CSE Admission Statistics

Name of the Programme (refer to question no. 4)	Academic Session	Applications received	Selected	Enrolled	
				Male	Female
M. Tech. CSE	2016-17	06	06	00	06
	2015-16	20	18	07	11
	2014-15	21	18	06	12
	2013-14	25	18	07	11

27. Diversity of students (2016-17)

Table CSE 1.20: Diversity of Students in UG

Name of the Programme (refer to question no. 4)	Academic Session	% of Students from the same State	% of Students from other States	% of Students from abroad
B. E. CSE	2016-17	100	0	0
	2015-16	84.44	15.55	0
	2014-15	50	50	0
	2013-14	95.23	4.76	0

Table CSE 1.21: Diversity of Students in PG

Name of the Programme (refer to question no. 4)	Academic Session	% of Students from the same State	% of Students from other States	% of Students from abroad
M. Tech. CSE	2016-17	100	0	0
	2015-16	94.44	5.55	0
	2014-15	100	0	0
	2013-14	100	0	0

28. How many students have cleared National and State Competitive Examinations such as NET, SLET, GATE, Civil Services, and Defense Services etc.?

NIL

29. Student progression

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Table CSE 1.22: Student Progression Chart

Student progression	Against Percentage (%) Enrolled			
	2016-17	2015-16	2014-15	2013-14
UG to PG	-	-	-	-
PG to M. Phil	-	-	-	-
PG to Ph.D.	-	-	-	-
Ph. D. to Post-Doctoral	-	-	-	-
Employed	Against Percentage (%) Passed Out			
	2016-17	2015-16	2014-15	2013-14
✓ Campus selection	NA	26.66 %	16.66 %	-
✓ Other than campus recruitment	-	-	-	-
Entrepreneurship/Self-Employment	-	-	-	-

30. Details of Infrastructural Facilities
    a. **Library**

    1. Total No. of Titles: 21
    2. Total No of Books : 23
    3. Reports: Final year project report B.E and M. Tech, Mini Project reports
    4. Syllabus: RTMNU
    5. Other Books: Red Hat System Administration Student Workbook 1, 2, 3; Swami Vivekananda Sankshipt Jivani, Competitive Examination Books
    6. Notes: Subjects Notes for All Semesters
    7. Digital Library: PPT for all Subjects, NPTL Videos (20 Subjects), E-Books

    b. **Internet Facility for Staff and Students**
    - The department has Internet connectivity of 20 Mbps leased line contention ratio 1:1 (BSNL) + 100 MBPS LAN enabled connectivity and over 5 access points for Wireless connectivity throughout campus.
    - Internet facility is provided for both students and staff.
    - Campus of the Institute is Wi-fi Enabled.

    c. **Classrooms with ICT facility**

    The class room details are given in Table CSE

Table CSE 1.23: Classrooms

Sr. No.	Infrastructure	Quantity
1.	Class Room	02
2.	Tutorial	02
3.	Seminar Hall	01

The class rooms are equipped with overhead projector and internet through high speed Wi-Fi Connection.

For ICT following teaching aids are being used by the department
- PPT Presentation based on the Curriculum.
- NPTEL Videos
- E books
- Multimedia Facility

d. Laboratories

The adequate and well equipped laboratories are available in department is given in table CSE

Table CSE 1.24: Laboratories (UG+PG)

Sr. No.	Name of Laboratory	Software Installed	Laboratory In charge
1.	System Software lab	Turbo C, C++, Java	Rahul Pusdekar
2.	Programming Lab/Project Lab	Turbo C, C++, Java	Gajanan Patle
3.	Database Management System Lab	Oracle 9i, My SQL Server	Sonal Honale
4.	Computer Network Lab	C, C++, NS2	Sarvesh Warjurkar
5.	Research Lab	Java, VMware, Open Stack Cloud Environment, NS2	Yogesh Bhute
6.	Web Technology lab	HTML, CSS, PHP, Dream Viewer	Vinay Mandhare
7.	Advanced OS Lab	LINUX, Eclipse	Meenal Bhoyar
8.	Computer Graphics lab	Open GL, Turbo C, C++, Java	Shital Kumar Sukhdeve
9.	Language lab	Language Lab Software	Vimmi Gajbhiye
10.	Linux Lab	Red Hat 6, Ubantu	Pooja Chaware
11.	Hardware & Networking Lab	Hardware Devices and Computer Peripherals	Dinesh Raut
12.	Computer Centre		Dinesh Raut

31. Number of Students receiving financial assistance from college, university government or other agencies.

Table CSE 1.25: Govt. Scholarship Details

	2012-13	2013-14	2014-15	2015-16	2016-17
1st Year	29	26	-	18	14
2nd Year	24	22	18	33	40
3rd Year	13	13	14	14	26
4th Year	01	11	10	11	15
	67	**72**	**42**	**76**	**95**

Table CSE 1.26: Aakash Scholarship Details

	2012-13	2013-14	2014-15	2015-16	2016-17
1st Year	-	-	-	-	-
2nd Year	-	01	-	-	-
3rd Year	-	-	-	-	-
4th Year	-	-	-	-	-

Note: - "AAKASH" scholarship given to the outstanding and needy students from college management.

32. Details on Students Enrichments Programs (Special Lectures/Workshops/Seminars) with external experts.

Table CSE 1.27: Students Enrichments Programs & Events

Sr. No.	DATE	Name of Event	Type	Trainer/Organization
1.	23-02-17 to 25-02-17	Entrepreneurship Awareness Camp	Non Technical	Maharashtra Centre for Entrepreneurship Development, Govt. of Maharashtra, Nagpur
2.	09-04-16	Campus Photography Events	Non-Technical	
3.	21-06-16	Different Yoga Postures Demonstrated at AGPCE on Occasion of Yoga Day	Non-Technical	Mr. Milind Gupta, International faculty & Maharashtra State Teachers Coordinator, Art of Living
4.	15-07-16	Guest Lecture On "Developing Entrepreneurship Skills In Youth"	Non-Technical	Mr. Hemant Waghmare, Program Officer, Maharashtra Center For Entrepreneurship Development, Nagpur
5.	16-09-16	Guest Lecture On "Cyber Crime And Security"	Technical	Mr. Manoj Rai, Network Hub, Nagpur
6.	28-09-16	Guest Lecture On "Personality Development Through Social Activities"	Non-Technical	Mr. Vijay Naidu, District Secretary, Rotary Club Nagpur, Nagpur
7.	22-03-16	Expert talk on "Matlab Programming "	Technical	Mr. Aditya Jain, Research Engineer, Webnet Infotech Pvt. Ltd. Nagpur

8.	11-03-16	Guest lecture on "Web Technologies, Application Development and Android App development"	Non-Technical	Mr. Shrirang Korde, Software Expert, Shri Mahalaxmi technologies ,Nagpur.
9.	08-08-15	Guest lecture on "Business Intelligence Tool"	Non-Technical	Mr. Aatif Qureshi, Er. Infocepts,pvt. Ltd
10.	12-09-15	Guest lecture on "Infrastructure Implementation and Management with server 2008"	Technical	Mr. Prakhar Kshatriya, Corporate Trainer, IT Networks Info systems Pvt Ltd, Nagpur
11.	22-01-14 to 23-01-14	Workshop on Ethical hacking and Network Security	Technical	Mr. Manoj Rai, Network Hub, Nagpur
12.	22-03-14 to 23-03-14	National level Workshop on "Matlab"	Technical	IIT Hyderabad, Mr. Aditya Jain, Webnet Infotech Pvt. Ltd
13.	18-01-14	Guest lecture on "cloud Computing"	Technical	Prof. Devyani Shirkhede, Assistant Prof. RKNEC
14.	16-01-14	Guest lecture on "Open source Technology"	Technical	Mr.Bhavesh Pali, Nexus Net Pvt. Ltd.
15.	15-01-14	Seminar on Road safety and Cyber Security	Non-Technical	Mr.Sanjay Jogdand ,Mr.Abhishek Mahure, Anti-Hans Corporation
16.	04-01-14	Inauguration of Students of Branch of Computer Society of India at AGPCE	Non-Technical	Dr. Durga Toshniwal, Associate Prof. IIT Roorkee
17.	04-01-14	Workshop on "Advances in Data Mining"	Technical	Dr. Durga Toshniwal, Associate Prof. IIT Roorkee
18.	26-12-13	Guest lecture on "Network Devices"	Technical	IT Networkz Team
19.	19-09-13	Guest lecture on "Data warehousing and managing Big Data"	Technical	Mr. Dinesh Pohane from USA
20.	20-08-13	Guest lecture on " Image Building"	Non-Technical	Ms. Snehal Savarkar, ICBI Bangalore
21.	21-09-13	Guest lecture on "Data Structure"	Technical	Ms. Grahi Parmar, Software engineer, Persistent System Ltd., Nagpur
22.	23-09-13	Guest lecture on "Advanced Computer Architecture"	Technical	Mr. Suchit Sapate, Software engineer(Project Lead), Persistent System Ltd., Nagpur
23.	28-09-13	Guest lecture on "Digital circuits and fundamentals of Microprocessors"	Technical	Prof. Nikhil Jha, Asst. Prof. S. B. Jain Institute of Technology, Management and Research, Nagpur

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24.	18-09-13	Guest lecture on "Computer Graphic "	Technical	Mr. Rajesh Pawar, CEO IT Eduction, Nagpur.
25.	08-12-13	National level Workshop on "Research Methodology"	Technical	Dr. J. P. Modak, Dean R &D PCE, Nagpur.
26.	03-10-13	National level Workshop on "Linux Programming and Cloud Computing"	Technical	Nexus Net Pvt. Ltd.

33. Teaching Methods adopted to improve students' learning.

* Technical Training as per employment need.
* Animated videos for innovative teaching-learning process.
* Effective black board teaching
* Value added lab sessions beyond syllabus are conducted to expose the students to software / hardware trends not included in their curriculum.
* Engage students in technical conversations. (Guest seminars & faculty seminars, discussions)
* Learning materials are uploaded on the Intranet – students are encouraged to do home exercises.
* The department is prompting the use of ICT (Animation, Video and PPT) with conventional method of lecture delivery. It is used as supplementary to make the class room teaching more attractive.
* Students are made available access to NPTEL videos. NPTEL provides E-learning through online Web and Video courses in Engineering, Science and humanities streams.
* Solutions manuals are provided to the students before Examinations.
* Discussion of Case Study in classrooms and Industrial visit to have a practical exposure.
* Interactive environment is for better teaching & learning process.

34. Participation in institutional Social Responsibility (ISR) and extension activities.

* Tree Plantation
* Blood Donation
* Computer awareness program for school students
* Medical awareness program

35. SWOC analysis of the development and future plans.

Strengths

- Effective Teaching Expertise
- Expertise in multidisciplinary knowledge areas.
- Adoption of innovative teaching-learning methodologies
- Good infrastructure.
- Technical sites visits and educational tours to fill the gap of theory and practical knowledge.
- Effective mentoring
- Personality Development, Leadership and Soft Skill training to student.

Weaknesses

- Needs to develop the Knowledge Centre.
- No Patents.

Opportunities

- Involvement of students in research activities in association with faculties.
- Avenue to start Research Centre.
- Rapid growth of emerging trends in Computer Engineering field worldwide.
- Motivating faculty members to attend Conferences, Workshops and Faculty Development Program.

Challenges

- To maintain the quality of students.
- Advanced technology or changes in industrial domain to get exposure
- Placement of Students.
- Retention of Faculty members

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Evaluation Report of the Department of General Engineering (First Year)

1. **Name of the Department**: General Engineering

2. **Year of Establishment**: 2009-2010

3. **Names of Programmes / Courses offered**: B. E.

The programmes are offered by the Department of General Engineering is given in Table GE 1.1.

Table GE 1.1 Programmes/Courses offered by the department

Name of the Program	Year of establishment
UG (Department of General Engineering)	2009-10

4. **Names of Interdisciplinary courses and the departments/units involved**

The interdisciplinary courses common to various departments is mentioned in the table GE 1.2

Table GE 1.2 Interdisciplinary courses and the departments/units involved.

Sr. No	Name of Interdisciplinary Course	Department	Name of Faculty	Semester/ Session
1.	Basic Electrical Engineering	Electrical Engineering	Prof. Pooja Chimurkar	First Sem 2015-16
2.	Advanced Electrical Engineering		Prof. Pooja Chimurkar	Second Sem 2015-16
3.	Basic Civil Engineering	Civil Engineering	Prof. Pallavi Bhumar	First Sem 2015-16
4.	Engineering Mechanics		Prof. Pallavi Bhumar	Second Sem 2015-16
5.	Engineering Graphics I	Mechanical Engineering	Prof. Ajay Mahawadiwar	First Sem 2015-16
6.	Engineering Graphics II		Prof. Ajay Mahawadiwar	Second Sem 2015-16
7.	Workshop		Prof. Abhinesh Aswar	Second Sem 2015-16
8.	Communication Skills	Humanities	Prof. Jaee Nagale	Second Sem 2015-16
9.	Computational Skills	CSE / IT	Prof. Sonal Honale	First Sem 2015-16

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5. **Annual/ Semester/choice based credit system (programme wise):**

The UG Program follows the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur guidelines with **Credit Based System (CBS) - Semester Pattern**.

6. **Participation of the department in the courses offered by other departments:**

The department is participating in the courses offered by other departments are given in table GE 1.3

Table GE.1.3 Participation of the department in the courses offered by other departments.

Sr. No	Name of Interdisciplinary course	Department	Name of Faculty	Semester / Session
1.	Applied Mathematics-3	Electrical Engineering	Prof. Manjushree Muley	Third Sem 2015-16
		Mechanical Engineering	Prof. Manjushree Muley	Third Sem 2015-16
		Computer Science & Engineering	Prof. Manjushree Muley	Third Sem 2015-16
2.	Applied Mathematics-3	Electrical Engineering	Prof. Pallavi Rajabhoj	Third Sem 2015-16
		Mechanical Engineering	Prof. Pallavi Rajabhoj	Third Sem 2015-16
		Computer Science & Engineering	Prof. Pallavi Rajabhoj	Third Sem 2015-16
3.	Applied Mathematics-4	Electrical Engineering	Prof. Santosh Singh	Forth Sem 2015-16
		Mechanical Engineering	Prof. Santosh Singh	Forth Sem 2015-16
		Computer Science & Engineering	Prof. Santosh Singh	Forth Sem 2015-16
4.	Functional English	Electrical Engineering	Prof. Sushil Nighot	Third Sem 2015-16
		Mechanical Engineering	Prof. Ruchipatr Mahapatra	Third Sem 2015-16
		Computer Science & Engineering	Prof. Sushil Nighot	Third Sem 2015-16

Self Study Report

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

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7. **Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL**

8. **Details of courses/programmes discontinued (if any) with reasons: NIL**

9. **Number of Teaching Post:**

The department has well experienced Faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table GE 1.4:

Table GE 1.4 Teaching post

Teaching Post (U.G)	UG	
	Sanctioned	**Filled**
Professors	**1**	**1**
Associate Professors	**0**	**0**
Assistant Professors	**11**	**11**
Total	**12**	

10. **Faculty profile (UG) with name, qualification, designation, specialization, M.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

The faculty profile details are given in table GE 1.5

Table GE 1.5 List of faculty profile with name, qualification, designation and specialization

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Dr. Rashmi Joshi	M.Sc. (Chemistry)	Assistant Professor	Chemistry	1	Nil
2	Dr. Wasudha Thakre	M.Sc. (Chemistry)	Assistant Professor	Chemistry	1	Nil
3	Mr. Akshay Soni	M.Sc. (Maths)	Assistant Professor	Mathematics	1	Nil
4	Ms. Manjushree Muley	M.Sc. (Maths)	Assistant Professor	Mathematics	5	Nil
5	Ms. Vaidehi Alode	M.Sc. (Maths)	Assistant Professor	Mathematics	1	Nil

6	Mr. Dayal Roy	M.Sc. (Phy)	Assistant Professor	Physics	5	Nil
7	Ms. Preeti Kakde	M.Sc. (Che)	Assistant Professor	Organic Chemistry	1.5	Nil
8	Mr. Santosh Singh	M.Sc. (Maths)	Assistant Professor	Mathematics	6	Nil
9	Ms. Pallavi Bhumar	M.Tech* (Civil)	Assistant Professor	Structural Engineering	1	Nil
10	Mr. Suyash Mullemwar	M.Sc. (Phy), B.Ed., Ph.D. (Submitted)	Assistant Professor	Physics	1.5	Nil
11	Mr. Shailesh Atram	M.Sc. (Chemistry)	Assistant Professor	Chemistry	0.5	Nil
12	Ms. Chandani Tiwari	MBA (HR)	Assistant Professor	HR	0.5	Nil

11. List of Senior Visiting Faculty-

List of senior visiting faculty visited to department is shown in Table GE1.6

Table GE 1.6 List of Senior Visiting Faculty

Sr. No.	Name of Visiting faculty	Designation	Affiliation	Expertise	Experiences
1	Dr. Shyam Anwane	Associate Professor	Shivaji Science College, Nagpur	Physics	15
2	Dr. Anjali Gaikwad	Associate Professor	CP& Berar College, Nagpur	English	15
3	Dr. S. K. Kharkate	Assistant Professor	Sindhu Mahavidyala, Nagpur	Chemistry	11
4	Prof S. S. Shobhane	Assistant Professor	NYSS college of Engineering, Nagpur	Mathematics	15
5	Dr. Sajji Varghese	Assistant Professor	Saint Vincent Palloti College of Engineering, Nagpur	English	12

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12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty-

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**: 17 %**

13. Student - Teacher Ratio (Programme wise)-

Student -Teacher Ratio of year wise given in Table GE1.7.

Table GE1.7 Student -Teacher Ratio

Sr. No.	Course	Intake	Ratio
1	B.E	300	15:1

14. Number of Academic Support Staff (Technical) and administrative staff, sanctioned and filled-

Available Academic support Staff (Administrative) – 02

Available Academic support Staff (Technical) – 05

15. Qualification of Teaching Faculty with D. Sc /D. Litt / Ph. D/M. Phil / PG-

Table GE1.8 Qualification of Teaching Faculty

Sr. No.	Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mr. Santosh Singh	M.Sc. (Maths)	Assistant Professor	Mathematics	6	Nil
2	Mr. Dayal Roy	M.Sc. (Phy)	Assistant Professor	Physics	5	Nil
3	Ms. Manjushree Muley	M.Sc. (Maths)	Assistant Professor	Mathematics	5	Nil
4	Ms. Preeti Kakde	M.Sc. (Che)	Assistant Professor	Organic Chemistry	1.5	Nil

5	Mr. Suyash Mullemwar	M.Sc. (Phy), B.Ed., Ph.D. (Submitted)	Assistant Professor	Physics	1.5	Nil
6	Dr. Rashmi Joshi	M.Sc. (Chemistry)	Assistant Professor	Chemistry	1	Nil
7	Dr. Wasudha Thakre	M.Sc. (Chemistry)	Assistant Professor	Chemistry	1	Nil
8	Mr. Akshay Soni	M.Sc. (Maths)	Assistant Professor	Mathematics	1	Nil
9	Ms. Vaidehi Alode	M.Sc. (Maths)	Assistant Professor	Mathematics	1	Nil
10	Ms. Pallavi Bhumar	M. Tech* (Civil)	Assistant Professor	Structural Engineering	1	Nil
11	Mr. Shailesh Atram	M.Sc. (Chemistry)	Assistant Professor	Chemistry	0.5	Nil
12	Ms. Chandani Tiwari	MBA (HR)	Assistant Professor	HR	0.5	Nil

Number of faculty with qualification Ph. D/ MPhil / PG/UG is tabulated in Table GE1.9

Table GE 1.9 Number of faculty with qualification Ph. D/ M. Phil / PG/UG

Sr. No.	Qualification	Total Number of Staff
1	Ph D	2
2	Ph D Submitted	1
3	Ph D Pursuing	1
4	M Phil	0
5	M Sc	6
6	MA	0
7	MBA	1
8	B. E. /M. Tech	1
	TOTAL	12

16. Number of faculty with ongoing projects from

National & International funding agencies and grants received: Nil

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17. Departmental projects funded by DST, FIST, UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

Publication per faculty

The faculties are participated in various national, international journals and conferences.The statistical data is given in Table GE 1.9

Table GE 1.9: Publication Details

Sr. No.	Name of Faculty	Details of Publication		
		International Journal	**International Conference**	**National Conference**
1.	Dr. Rashmi Joshi	03	02	01
2.	Dr. Vasudha Thakare	03	01	01
3.	Mr. Santosh Singh	01	01	01
4.	Manjushree Muley	01	01	01
5.	Dayal Roy	01	01	01
6.	Suyash Mullemwar	02	01	01
7.	Pallavi Bhumar	01	-	-
	Total	**12**	**13**	

➢ Number of papers published in peer reviewed journals (national / international) by Faculty and Students

    ▪ **Total No. of papers published in National/International Journal:- 12**

    ▪ **Total number of papers published in National/International conference:- 13**

➢ Monographs : --

➢ Chapter in Books : --

➢ Books Edited : --

➢ Books with ISBN/ISSN numbers with details of publishers--

➢ Citation Index : --

➢ SNIP : --

➢ SJR : --

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- ➢ Impact factor :
- ➢ h-index

20. Areas of consultancy and income generated: Nil

21. Faculty as members in
a. National committees b. International Committees c. Editorial Boards
NIL

22. Student projects

a) Percentage of students who have done in-house projects including inter Departmental / program – **NA**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies – **NA**

23. Awards / Recognitions received by faculty and students

NIL

24. List of eminent academicians and scientists / visitors to the department:

List of eminent academicians and scientists / visitors to the department is summarized in Table GE1.11

Table GE 1.11: List of eminent academician and scientists visited to the department

Sr. No.	Name of academicians / scientists / visitors	Designation
1	Dr. A. P. Sargaonkar	Senior Scientist, NEERI, Nagpur
2	Dr. S. S. Bhoga	Professor, RTMNU, Nagpur
3	Dr. M. D. Chaudhari	Head, GE, BDCE
4	Dr. S. Kharkhate	Vice Principal, TGPCET
5	Mr. Sumant Tekade	Professor, SB Jain,Nagpur
6	Mr. Amar Damle	Professor, Mahila Maha Vilaya,Nagpur
7	Prof. Sandip Gaikwad	Assistant Prof., TGPCET
8	Mr. Anil Palamwar	Certified Energy Auditor

25. Seminars/ Conferences/Workshops organized & the source of funding

The college has organized various events like workshop, Seminar, guest lecturers etc. some of them are listed in table GE 1.12

Table GE 1.13: List of Events

Sr. No.	Category	Name Of Activity	Resource Person	Source Of Funding	Date
1.	Guest Lecture	Induction Program	Mr. Sumant Tekade	Self-Funded	09/04/2016
2.	Guest Lecture	Soft Skill Development program	Ms. Nayar	Self-Funded	16/09/2016
3.	Guest Lecture	Library Orientation program	Dr. Prince Ajaykumar Aagase	Self-Funded	21/06/1016
4.	Guest Lecture	Roll of Youth in Development Of society	Mr. Amar Damle	Self-Funded	15/7/2016
5.	Poster Competition	Sketch of Freedom Fighter	Student	Self-Funded	25/01/2017
6.	Industrial Visit	Reliance Power Plant	HR Reliance Power Plant	Self-Funded	22/03/2017

26. Student Profile of First Year:

Table GE1.14 Student profile programme/course wise

Name Of Course/Program	Year	Application Received	Application Selected	Male	Female
General Engineering	2013-14	150	182	117	55
	2014-15	150	52	50	02
	2015-16	300	267	112	55
	2016-17	200	147	117	30

27. Diversity of Students

Table GE 1.15 Diversity of Students.

Name Of The Course	Year	No. Of Student From The Same State	No. Of Student From The Other State	No. Of Student From Abroad
General	2009-10	125	8	0
	2010-11	26	3	0
	2011-12	169	17	0

Engineering	2012-13	231	18	0
	2013-14	177	5	0
	2014-15	51	1	0
	2015-16	242	23	0
	2016-17	143	4	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

NIL

29. Student progression

Table GE 1.16: Students Progression

Student progression	Against % enrolled
UG to PG	
PG to M. Phil.	NA
PG to Ph.D.	
Ph.D. to Post-Doctoral	

30. Details of Infrastructural facilities

1. **Library**

The details of General Engineering Departmental Library is given in Table GE1.17

Table GE1.17 Details of Infrastructural facilities

Total No Titles	Total No Volumes	Total No e-Journals
08	70	DELNET

Table GE1.18 Books available in departmental library

Sr. No.	Title	Volume Available	Volume Issue	Total Volume
1	Engineering Chemistry	3	7	10
2	Engineering Physics	2	8	10
3	Humanities	5	3	08
4	Engineering Mechanics	4	6	10
5	Engineering Graphics	3	5	08
6	Mathematics	2	9	11
7	Basic Electrical Engineering	2	8	10
8	Basic Civil Engineering	1	2	03
			Total	**70**

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2. **Internet facilities for Staff & Students** –

The department has Internet connectivity of 50 Mbps leased line contention ratio 1:1 (BSNL) + 100 MBPS LAN enabled connectivity and over 5 access points for Wireless connectivity throughout campus. Internet facility is provided for both students and staff.

3. **Class rooms with ICT facility** –

The class room details are given in table GE 1.19

Table GE 1.19: Class Room Details

Sr. No	Infrastructure	Quantity
1.	Classroom	05
2.	Seminar Hall	01

The class rooms are equipped with overhead projector and internet through high speed wi-fi connection. For ICT following teaching aids are being used by the department

– PPT presentation based on the curriculum
– NPTEL teaching materials
– E books

4. **Laboratories** –

The adequate and well equipped laboratories are available in department is given in table GE 1.20

Table GE 1.20: List of laboratory

List Of Laboratory	Area (Sq. Mtr.)	Cost of Lab (Rs.)
Engineering Chemistry	66	3,97,215/-
Engineering physics	66	4,11,307/-
Engineering Mechanics	66	72,129/-
Language Lab	66	3, 46,000 /-

31. **Number of students receiving financial assistance from college, university, Government or other agencies** –

The various students received the scholarship under different categories. The statistical information is given in table GE 1.21

Tables GE1.21 Details of Scholarships

Year	SC	ST	VJ/NT	SBC	OBC
2011-12	54	03	09	07	50
2012-13	70	03	12	11	93
2013-14	61	00	09	06	36
2014-15	06	01	00	01	18
2015-16	43	22	18	09	91

32. Details on student enrichment programmes (special lecture / workshops/ Seminar) with external eexperts

Table GE1.22 Details on student enrichment programmes

Sr. No.	Date of Guest Lecture	Topic	Expert Name	From
1.	09/04/2016	Induction Program	Mr. Sumant Tekade	S.B.Jain Colledge of Engg. Nagpur
2.	16/09/2016	Guest Lecture Soft Skill Development program	Ms. Nayar	-
3.	21/06/1016	Library Orientation program	Dr. Prince Ajaykumar Aagase	RTMNU, Nagpur
4.	15/7/2016	Guest Lecture Roll of Youth in Development Of society	Mr. Amar Damle	Mhaila Maha Vidyala Nagpur
5.	25/01/2017	Sketch of Freedom Fighter	Student	Organised by college
6.	22/03/2017	Industrial Visit Reliance Power Plant	HR Reliance Power Plant	Reliance Power Plant Nagpur

33. Teaching methods adopted to improve student learning:

- Showing NPTEL lectures
- Presentation on related topic
- Technical training to students like Matlab, PLC SCADA.
- Open book test for the students so that they can make more use of text book
- Expert lecture on important topic
- Tutorial session on subject
- One midterm examination and one Pre-University examination so as to check whether student has got the knowledge of respective subject or not. If some student's lacks then extra class are arranged for the students where they can solve their query also they can ask for repetition of any topic if they won't understand. Students are also send for Industrial training so that they can relate their theoretical knowledge.

34. Participation in Institutional Social Responsibility (ISR) and extension activities:

NSS activity by students, Awareness of Renewable energy among school students through presentation by staff.

- Tree Plantation
- Blood Donation
- Human Rights Day
- Computer Literacy Program
- Old Age Home Visit
  and many more…

35. SWOC analysis of the department and Future plans Strengths:

Strengths:
− Effective Teaching Expertise
− Expertise in multidisciplinary knowledge areas
− Adoption of innovative teaching-learning methodologies (Open Book Test)
− Good infrastructure.
− Well-equipped laboratories.
− Faculty with research experience.
− Industrial sites visits and educational tours to fill the gap of theory and practical knowledge.
− Teacher/Guardian Scheme
− Industrial exposure to students.
− Personality Development, Leadership and Soft Skill training to students

Weaknesses:
− The socioeconomic background of many of the students admitted in the department is responsible for poor language competence. This leads to an unsatisfactory level of comprehension and communication.
− The institute needs to strengthen the research activities by taking initiatives for formation of Centre of Excellence and Research Center.
− Lack of faculty with industry experience.

Opportunities:
− Involvement of students in research activities in association with faculties.
− Rapid growth of emerging trends in Electrical Engineering field worldwide.
− Use of distance education, flexible learning and adoption of new information and communication technology to increase access.
− Motivating faculty members to attend Conferences, Workshops and Faculty Development Program.
− Procurement of funds from potential funding agencies like DST, UGC, AICTE, VTU etc.

Challenges:
− To maintain high standards of academic results from lower quality students.
− Advanced technology or changes in industrial domain to get exposure
− To improve Student's employability ratio.
− Retention of Faculty members.

Declaration by Head of Institution
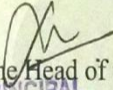
Vidarbha Bahu-uddeshiya Shikshan Sanstha's

ABHA GAIKWAD-PATIL College of Engineering

Mohgaon, Wardha Road, Nagpur - 441 108. Tel - 07103-645412, Mob 9763711372
Email-vidarbhabuss@yahoo.co.in   website - www.agpce.com
Approved by AICTE, New Delhi, Govt. Of Maharashtra & Affiliated to RTM Nagpur University
AN ISO 9001:2008 Certified Institution

GAIKWAD-PATIL GROUP OF INSTITUTIONS

Ojaswini Complex,
Gayatri Nagar, IT Park Road,
Nagpur - 440 022
Tel. : 0712 664 8252
Fax : 0712 224 0656

No. AGPCE/2016-17/4884

Date 31.03.2017

Declaration by the Head of the Institution

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution with seal:

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering Mohgaon, Nagpur.

Place: Nagpur

Date: 31.03.2017

SEAL

GAIKWAD-PATIL GROUP OF INSTITUTIONS

Annexure II

Certificate of Compliance

Vidarbha Bahu-uddeshiya Shikshan Sanstha's

ABHA GAIKWAD-PATIL
College of Engineering

Mohgaon, Wardha Road, Nagpur - 441 108. Tel - 07103-645412, Mob 9763711372
Email-vidarbhabuss@yahoo.co.in   website - www.agpce.com
Approved by AICTE, New Delhi, Govt. Of Maharashtra & Affiliated to RTM Nagpur University
AN ISO 9001:2008 Certified Institution

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

Ojaswini Complex,
Gayatri Nagar, IT Park Road,
Nagpur - 440 022
Tel. : 0712 664 8252
Fax : 0712 224 0656

No. AGPCE/2016-17/4885   Date 31.03.2017

Certificate of Compliance (Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that Abha Gaikwad-Patil College of Engineering, Mohgaon, Wardha Road, Nagpur fulfils all norms concerning to following authorities

1. Stipulated by the affiliating University.

2. Regulatory Council/Body such as All India Council for Technical Education (AICTE).

3. Regulatory Council such as Directorate of Technical Education (DTE) and

4. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation √ recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent. It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Place: Nagpur

Date: 31.03.2017

SEAL
AGPCE, Mohgaon, NAGPUR

Principal/Head of the Institution
PRINCIPAL
Abha Gaikwad-Patil College of
Engineering Mohgaon, Nagpur.

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GROUP OF INSTITUTIONS

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

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Annexure III

AICTE Approval to VBSS

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाए) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F.No. 06/07/MS/Engg./2008/51
July 29,2008

To,

The Principal Secretary,
Higher & Technical Education and Employment Development,
Govt. of Maharashtra,Mantralaya,
Mumbai – 400 032

Sub: AICTE approval to **VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA, D-9, SRUSHTI SANKUL, V.I.P.ROAD, DHARAMPETH, NAGPUR – 440 010** for establishment of **ABHA COLLEGE OF ENGINEERING, KHASARA NO.8/1, MOHGAON, WARDHA ROAD, TAHSIL & DIST: NAGPUR**

Sir,

As per the Regulations notified by the Council vide F. No. 37-3/Legal/2004 dated 14TH September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of the Expert Committee and EC Sub Committee, I am directed to convey the approval of the Council to **VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA, D-9, SRUSHTI SANKUL, V.I.P.ROAD, DHARAMPETH, NAGPUR – 440 010** for establishment of **ABHA COLLEGE OF ENGINEERING, KHASARA NO.8/1, MOHGAON, WARDHA ROAD, TAHSIL & DIST: NAGPUR** for conduct of the following courses and intake.

S.No.	Name of the Course	Intake
1	Electronics & Communication Engg.	60
2	Information Technology	60
3	Computer Science & Engineering	60
4	Electronics Engineering	60
	Total	**240**

The approval is valid for **two years** from the date of issue of this letter. The **Society/Trust/Institution** shall obtain necessary affiliation/ permission from the concerned affiliating University. as per the prescribed schedule of the University/ Admission Authority etc. The Applicant Society/Trust/Institution shall send information about commencement of the above courses to AICTE. Incase the Institution could not commence the above mentioned courses for whatsoever reasons during the two years period from the date of issue of this letter, the approval becomes invalid and the applicant society/trust shall have to make fresh application to AICTE for grant of fresh approval.

The approval is further subject to fulfillment of following conditions.

1. That the management shall provide adequate funds for development of land and building and for providing related infrastructural, instructional and other facilities as per Council's norms and standards laid down by the Council from time to time and for meeting recurring expenditure.

2. (a) That the admissions shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.

   (b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.

   (c) That the admissions to the courses shall be made only after the affiliating University /State Board has given permission to start the course.

७वाँ तल चन्द्रलोक भवन जनपथ नई दिल्ली–110001

GAIKWAD-PATIL
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Self Study Report – Annexure III

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

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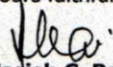
(d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course (s) or alter intake capacity of seats without the prior approval of the Council.

(e) That no excess admissions shall be made by the Institution over and above the approved intake under any circumstances.

(f) That the institutions shall not have any collaborative arrangements with any Indian and/or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE.

(g) That the Institution shall not allow conduct of any unapproved course whether technical or non technical in the premises of AICTE approved institution/campus and /or in the name of the Institution without prior permission from AICTE.

3. That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.

4. That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed the Council from time to time. No capitation fee shall be charged from the students/guardians of students in any form.

5. That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or person authorized by it.

6. That the Director/Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are paid as per the norms prescribed by the Council for time to time.

7. (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.

(b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be housed in the Institution Web-Site. The information shall be revised every year with updated information about all aspects of the institution.

(c) That it shall be mandatory for the technical institution to maintain a web-site providing the prescribed information. The website information must be continuously updated as and when changes take place.

(d) That a compliance report in the prescribed format along with mandatory disclosure on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time.

(e) That if Technical Institution fails to disclose the information or suppress and/or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.

8. That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliating University and shall be in operational condition before making admissions.

9. That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

10. That a computer center with adequate number of terminals, Printers, legal software etc. shall be established as per AICTE norms.

11. That a Joint FDR is required to be created for an amount and period prescribed by the Council from time to time.

12. AICTE may carry out random inspections round the year any time for verifying the status of the Institutions to ensure maintenance of norms and standards.

13. That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.

14. That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.

15. The Institute shall take appropriate measures for prevention of ragging in any form, in the light of directions of Supreme Court of India in Writ Petition No. © 656/1998. Incase of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action including withdrawal of approval.

16. That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

17. In the event of non-compliance by the **ABHA COLLEGE OF ENGINEERING, KHASARA NO.8/1, MOHGAON, WARDHA ROAD, TAHSIL & DIST: NAGPUR** with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of the **ABHA COLLEGE OF ENGINEERING, KHASARA NO.8/1, MOHGAON, WARDHA ROAD, TAHSIL & DIST: NAGPUR.**

Yours faithfully,

(Harish C. Rai)
Adviser- UG/PG (E&T)

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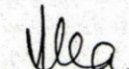
1. DIRECTOR OF TECHNICAL EDUCATION,
   GOVT. OF MAHARASHTRA,
   3, MAHAPALIKA MARG, MUMBAI-400001.

   (He is requested to kindly monitor the compliance with the conditions as laid down in this approval letter and keep the aicte informed of the same.)

2. THE REGISTRAR, CONCERNED UNIVERSITY.

3. AICTE-WESTERN REGIONAL OFFICE
   2ND FLOOR, INDUSTRIAL ASSURANCE BUILDING,
   V.N.ROAD, OPP. CHURCH GATE RLY. STATION,
   CHURCH GATE,MUMBAI-400 020

4. THE PRINCIPAL/DIRECTOR,
   ABHA COLLEGE OF ENGINEERING,
   KHASARA NO.8/1, MOHGAON, WARDHA ROAD,
   TAHSIL & DIST: NAGPUR

   (You Are Required To Submit Compliance Report As Per AICTE Requirements By 31st August 2008)

5. THE PRESIDENT/CHAIRMAN.
   VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA,
   D-9, SRUSHTI SANKUL, V.I.P.ROAD, DHARAMPETH,
   NAGPUR – 440 010

(Harish C. Rai)
Adviser- UG/PG (E&T)

Self Study Report – Annexure III

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

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All India Council for Technical Education
(A Statutory Body under Ministry of HRD, Govt of India)

7th floor, Chandralok Building, Janpath, New Delhi 110 001
Phone : 11 23724151-57 FAX : 11 23724183 www.aicte-India.org

No. : Western Region, Maharashtra/1-6349161/2010/EOA

August 23, 2010

To,
Secretary Tech & Higher Education Deptt. Govt of Maharashta,
Mantralaya, Annexe Building, Mumbai-400032

Sub Extension of approval for the academic year 2010-11

Sir,

In terms of the Regulations notified by the Council vide F. No. 37-3/Legal/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to

VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA, NAGPUR, ABHA COLLEGE OF ENGINEERING, KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, MAHARASHTRA, PIN : 441108

for conduct of the following courses with the intake indicated below in the academic year 2010-11.

Sr. No.	Program	Level	Shift	Course	Intake 2009-10	Intake 2010-11
1	Engg. / Tech.	UG	First Shift	MECHANICAL ENGINEERING	0	0
2	Engg. / Tech.	UG	First Shift	INFORMATION TECHNOLOGY	60	60
3	Engg. / Tech.	UG	First Shift	ELECTRONICS AND COMMUNICATION *ENGG*	60	120
4	Engg. / Tech.	UG	First Shift	ELECTRICAL/ELECTRICAL & ELEX *ELECTRONICS ENGG.*	60	60
5	Engg. / Tech.	UG	First Shift	ELECTRICAL (ELECTRICAL & ELEX *ENGG.*	0	60
6	Engg. / Tech.	UG	First Shift	COMPUTER SCIENCE & ENGINEERING	60	60

The above mentioned approval is subject to the condition that

VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA, NAGPUR, ABHA COLLEGE OF ENGINEERING, KH. NO. 8/1 (P.S.K 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, MAHARASHTRA, PIN : 441108

shall follow and adhere to the regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and hard copy to Regional Office
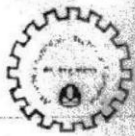
Anti Ragging The approval is subject to the institutions strictly complying with all the provisions made under the Anti ragging regulation notified by council vide F No 37Legal/AICTE/2009 dated 1-7-2009 failing which, it will be liable to any action defined under clause 9(4) of this regulation

Yours faithfully,

Dr. S. G. Bhirud
Director

WESTERN REGIONAL OFFICE
OF
All India Council For Technical Education
(A Statutory Body of Govt. of India)
2nd Floor Industrial Assurance Bldg,
V. N. Road Opp Churchgate Rly Station
Churchgate Mumbai - 400 020

_____

All India Council for Technical Education
(A Statutory Body under Ministry of HRD, Govt of India)

7th floor, Chandralok Building, Janpath, New Delhi 110 001
Phone : 11 23724151-57 FAX : 11 23724183 www.aicte-india.org

Anti Ragging :- The approval is subject to the institutions strictly complying with all the provisions made under the Anti ragging regulation notified by council vide F.No. 37/Legal/AICTE/2009 dated 1-7-2009 failing which, it will be liable to any action defined under clause 9(4) of this regulation.

Yours faithfully,

Dr. S. G. Bhirud
Director

Copy to :
1. The Regional Office, Western Region, Maharashtra
2. The Director of Technical Education, Govt of Delhi. M S
3. Guard File (AICTE)
4. The Registrar, Affiliating University
5. The Principal / Director,

VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA, NAGPUR, ABHA COLLEGE OF ENGINEERING, KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, MAHARASHTRA, PIN : 441108

Page 2 of 2

AICTE Approval 2010-2011 :: Maharashtra State

Existing Institutions extension of approval, variation in intake, second shift[Combined list of Institute communicated by e-mail on 21st and 27th July 2010]

Appln no	Institute Name	Program	Level	Shift	Course	Current Intake (2009-10)	Applied Intake (2010-11)	Approved Intake (2010-11)	Diff
	Anuradha College of Pharmacy Chikhli	Pharmacy	Under Graduate	First Shift	B Pharmacy	60	120	120	60
	SONURAR COLLEGE OF PHARMACY	Pharmacy	Under Graduate	First Shift	B.Pharmacy	60	60	60	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Post Graduate	First Shift	M.E Mechanical	18	18	18	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	First Shift	Electrical	60	60	60	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	First Shift	Electronics	60	60	60	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Post Graduate	First Shift	M.C.A	60	60	60	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	First Shift	Electronics & Telecom	60	60	60	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	First Shift	Computer	120	120	120	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	Second Shift	Electronics and Telecom	0	60	60	60
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	2nd Year Direct Second Shift	2nd Year Direct (Mechanical)	0	60	0	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	First Shift	Mechanical	120	120	120	0
	Lokmanya Tilak College of Engineering	Engineering & Technology	Under Graduate	Second Shift	Mechanical	0	60	60	60
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	Electrical / Electrical & Elex	0	60	60	60
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	Mechanical Engineering	0	60	0	0
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	Information Technology	60	60	60	0
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	Electronics and Communication	60	120	120	60
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	Electrical / Electrical & Elex	60	60	60	0
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	Computer Science & Engineering	60	60	60	0
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	COMPUTER ENGG	60	60	60	0
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	ELECTRONICS ENGG	60	60	60	0
	ABHA COLLEGE OF ENGINEERING	Engineering & Technology	Under Graduate	First Shift	INFORMATION TECHNOLOGY	60	60	60	0

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/1-446131321/2011/EOA

Date: 01-09-2011

To,
The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashta, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2011-12
Ref: Application of the Institution for Extension of Approval for the Year 2011-12

Sir/Madam,

In terms of the Regulations notified by the Council vide F.No. 37-3/Legal/2011 dated 10/12/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to

Regional Office	Western	Application Id	1-446131321
		Permanent Id	1-6349161
Name of the Institute	ABHA COLLEGE OF ENGINEERING	Institute Address	KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD NAGPUR, NAGPUR, NAGPUR, Maharashtra, 441108
Name of the Society/Trust	VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA	Society/Trust Address	OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR, NAGPUR, NAGPUR, Maharashtra, 440022
Institute Type	Unaided - Private		

to conduct following courses with the intake indicated below for the academic year 2011-12

Application Id: 1-446131321			Course		Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur University, Nagpur	60	60	No	No	No

Application Number : 1-446131321

Page 1 of 3

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Date of printing: 02-09-2011

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 446131321 Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	120	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	0	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nag	0	18	No	No	No

The above mentioned approval is subject to the condition that ABHA COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Application Number : 1-446131321

Page 2 of 3

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Date of printing: 02-09-2011

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

All India Council for Technical Education
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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,
   All India Council for Technical Education
   Industrial Assurance Building
   2nd Floor, Nariman Road
   Mumbai - 400 020, Maharashtra

2. The Director Of Technical Education,
   Maharashtra

3. The Registrar,
   Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur

4. The Principal / Director,
   ABHA COLLEGE OF ENGINEERING
   KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,441108

5. The Secretary / Chairman,
   VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA
   OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,440022

6. Guard File(AICTE)

Application Number : 1-446131321

Page 3 of 3

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Date of printing: 02-09-2011

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(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/1-755887132/2012/EOA   Date: 10 May 2012

To,
The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashta, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2012-13

Ref: Application of the Institution for Extension of approval for the academic year 2012-13

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2010 notified by the Council vide notification number F-No.37-3/Legal/2010 dated 10/12/2010 and amendment vide notification number F-No.37-3/Legal/2011 dated 30/09/2011 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-755887132
		Permanent Id	1-6349161
Name of the Institute	ABHA COLLEGE OF ENGINEERING	Institute Address	KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, NAGPUR, Maharashtra, 441108
Name of the Society/Trust	VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA	Society/Trust Address	OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,NAGPUR,NAGPUR,Maharashtra,440022
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	Yes	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	No	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2012-13

Application Number: 1-755887132*   Page **1** of **3**

Note: This is a Computer generated Extension of Approval Letter. No signature is required.   Letter Printed On:31 May 2012.

Printed By : AE342745

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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
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Application Id: 1-755887132

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	120	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	60	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	60	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	WIRELESS COMMUNICATION & COMPUTING	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	0	24	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur	0	24	No	No	No

Application Number: 1-755887132*

Page **2** of **3**

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On:31 May 2012.

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ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

The above mentioned approval is subject to the condition that ABHA COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
    All India Council for Technical Education
    Industrial Assurance Building
    2nd Floor, Nariman Road
    Mumbai - 400 020, Maharashtra

2. **The Director Of Technical Education,**
    Maharashtra

3. **The Registrar,**
    Rashtrasant Tukadoji Maharaj Nagpur University: Nagpur University, Nagpur

4. **The Principal / Director,**
    ABHA COLLEGE OF ENGINEERING
    KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR,
    NAGPUR,NAGPUR,
    Maharashtra,441108

5. **The Secretary / Chairman,**
    VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA
    OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,
    NAGPUR,NAGPUR,
    Maharashtra,440022

6. **Guard File(AICTE)**

Application Number: 1-755887132*   Page **3** of **3**

Note: This is a Computer generated Extension of Approval Letter. No signature is required.   Letter Printed On:31 May 2012.

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GAIKWAD-PATIL
GROUP OF INSTITUTIONS

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/1-1360419152/2013/EOA   Date: 19-Mar-2013

To,
The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashta, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2013-14

Ref: Application of the Institution for Extension of approval for the academic year 2013-14

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-1360419152
		Permanent Id	1-6349161
Name of the Institute	ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR	Institute Address	KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, NAGPUR, Maharashtra, 441108
Name of the Society/Trust	VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA	Society/Trust Address	OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,NAGPUR,NAGPUR,Maharashtra,440022
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2013-14

Application Number: 1-1360419152*   Page **1** of 4

Note: This is a Computer generated Extension of Approval Letter. No signature is required.   Letter Printed On:20 March 2013.

Printed By : AE342745

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-1360419152

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2012-13	Intake Approved for 13-14	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INTEGRATED POWER SYSTEMS	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	0	24	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MECHANICAL ENGINEERING DESIGN	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	0	24	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	WIRELESS COMMUNICATION & COMPUTING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	No	No	No

Application Number: 1-1360419152*

Page **2** of **4**

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On:20 March 2013.

Printed By : AE342745

All India Council for Technical Education
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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-1360419152

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2012-13	Intake Approved for 13-14	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	0	60	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	MECHANICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	0	60	No	No	No

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Application Number: 1-1360419152*

Page **3** of **4**

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On:20 March 2013.

Printed By : AE342745

_____

Copy to:

1. **The Regional Officer,**
   All India Council for Technical Education
   Industrial Assurance Building
   2nd Floor, Nariman Road
   Mumbai - 400 020, Maharashtra

2. **The Director Of Technical Education,**
   Maharashtra

3. **The Registrar,**
   The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

4. **The Principal / Director,**
   ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR
   KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,441108

5. **The Secretary / Chairman,**
   VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA
   OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,440022

6. **Guard File(AICTE)**

Application Number: 1-1360419152*   Page **4** of **4**

Note: This is a Computer generated Extension of Approval Letter. No signature is required.   Letter Printed On:20 March 2013.

Printed By : AE342745

All India Council for Technical Education
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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/1-2018659489/2014/EOA

Date: 04-Jun-2014

To,
The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashta, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In supersession of the extension of approval issued for the academic year 2014-15 and in terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-2018659489
		Permanent Id	1-6349161
Name of the Institute	ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR	Institute Address	KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, NAGPUR, Maharashtra, 441108
Name of the Society/Trust	VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA	Society/Trust Address	OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,NAGPUR,NAGPUR,Maharashtra,440022
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2014-15

Application Number: 1-2018659489*

Page **1** of **5**

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:5 June 2014

Printed By : ae342745

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-2018659489			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	18	18	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INTEGRATED POWER SYSTEMS	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MECHANICAL ENGINEERING DESIGN	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	WIRELESS COMMUNICATION & COMPUTING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	No	No	N

Application Number: 1-2018659489*

Page **2** of **5**

Note: This is a Computer generated Letter of Approval.No signature is required.

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GAIKWAD-PATIL
GROUP OF INSTITUTIONS

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

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Application Id: 1-2018659489			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	No	No	N
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	No	No	N
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRICAL ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	0	60	No	No	N
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Maharashtra State Board of Technical Education, Mumbai	0	60	No	No	N
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	MECHANICAL ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	No	No	N

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

Application Number: 1-2018659489*

Page **3** of **5**

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GAIKWAD-PATIL
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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
   All India Council for Technical Education
   Industrial Assurance Building
   2nd Floor, Nariman Road
   Mumbai - 400 020, Maharashtra

2. **The Director Of Technical Education,**
   Maharashtra

3. **The Registrar,**
   Maharashtra State Board of Technical Education, Mumbai

4. **The Principal / Director,**
   ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR
   KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,441108

5. **The Secretary / Chairman,**
   VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA
   OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,440022

6. **Guard File(AICTE)**

Application Number: 1-2018659489*

Page 4 of 5

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PHONE: 23724151/52/53/54/55/56/57   FAX: 011-23724183   www.aicte-India.org

F.No. Western/1-2453938549/2015/EOA   Date: 07-Apr-2015

To,
The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashta, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2015-16

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-2453938549
		Permanent Id	1-6349161
Name of the Institute	ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR	Institute Address	KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, NAGPUR, Maharashtra, 441108
Name of the Society/Trust	VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA	Society/Trust Address	OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,NAGPUR,NAGPUR,Maharashtra,440022
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2015-16

Application Number: 1-2453938549*   Page 1 of 5

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All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-2453938549			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INTEGRATED POWER SYSTEMS	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MECHANICAL ENGINEERING DESIGN	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	WIRELESS COMMUNICATION & COMPUTING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	NA	NA	NA

Application Number: 1-2453938549*

Page 2 of 5

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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-2453938549			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRICAL ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Maharashtra State Board of Technical Education, Mumbai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	MECHANICAL ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	NA	NA	NA

Application Number: 1-2453938549*

Page 3 of 5

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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Note: Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Dr. Avinash S Pant
Actg Chairman, AICTE

Copy to:

1. **The Regional Officer,**
    All India Council for Technical Education
    Industrial Assurance Building
    2nd Floor, Nariman Road
    Mumbai - 400 020, Maharashtra

2. **The Director Of Technical Education,**
    Maharashtra

3. **The Registrar,**
    Maharashtra State Board of Technical Education, Mumbai

4. **The Principal / Director,**
    ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR
    KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR,
    NAGPUR,NAGPUR,
    Maharashtra,441108

5. **The Secretary / Chairman,**
    VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA
    OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,
    NAGPUR,NAGPUR,
    Maharashtra,440022

6. **Guard File(AICTE)**

Application Number: 1-2453938549*   Page **4** of **5**

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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/1-2809677978/2016/EOA   Date: 05-Apr-2016

To,

The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashta, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-2809677978
Name of the Institute	ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR	Permanent Id	1-6349161
Name of the Society/Trust	VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA	Institute Address	KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR, NAGPUR, NAGPUR, Maharashtra, 441108
Institute Type	Unaided - Private	Society/Trust Address	OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,NAGPUR,NAGPUR,Maharashtra,440022

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2809677978			Course		Affiliating Body					
Program	Shift	Level		Full/Part Time		Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaborarion/Twining Program Approval status
ENGINEERING AND TECHNOLO	1st Shift	POST GRADUA	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj	18	18	NA	NA	NA

Application Number: 1-2809677978
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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

GY		TE			Nagpur University, Nagpur					
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INTEGRATED POWER SYSTEMS	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MECHANICAL ENGINEERING DESIGN	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	WIRELESS COMMUNICATION & COMPUTING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	NA	NA	NA

Application Number: 1-2809677978
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Page **2** of **4**
Letter Printed On:27 April 2016

Self Study Report – Annexure III

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

_____

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRICAL ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Maharashtra State Board of Technical Education, Mumbai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	MECHANICAL ENGINEERING	FULL TIME	Maharashtra State Board of Technical Education	60	60	NA	NA	NA

The above mentioned approval is subject to the condition that ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

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Application Number: 1-2809677978
Note: This is a Computer generated Report.No signature is required.

Page **3** of **4**
Letter Printed On:27 April 2016

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GAIKWAD-PATIL
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case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

<u>Note: Validity of the course details may be verified at www.aicte-india.org</u>

Dr. Avinash S Pant
Vice - Chairman, AICTE

Copy to:
1. **The Regional Officer,**
   All India Council for Technical Education
   Industrial Assurance Building
   2nd Floor, Nariman Road
   Mumbai - 400 020, Maharashtra

2. **The Director Of Technical Education,**
   Maharashtra

3. **The Registrar,**
   Maharashtra State Board of Technical Education, Mumbai

4. **The Principal / Director,**
   ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, NAGPUR
   KH. NO. 8/1, (P.S.K. 74), MOHGAON, WARDHA ROAD, NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,441108

5. **The Secretary / Chairman,**
   VIDARBHA BAHU-UDDESHIYA SHIKSHAN SANSTHA
   OJASWINI COMPLEX GAYATRI NAGAR, IT PARK ROAD NAGPUR,
   NAGPUR,NAGPUR,
   Maharashtra,440022

6. **Guard File(AICTE)**

Application Number: 1-2809677978
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Page **4** of **4**
Letter Printed On:27 April 2016

ABHA GAIKWAD-PATIL
College of Engineering
(Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to RTM Nagpur University)
Mohgaon, Wardha Road, Nagpur-441 108

Annexure IV

Approval by Directorate of Technical Education

तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३, महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१.

दूरध्वनी - २२६१०६०१, २२६१०६०२, २२६४११५०/५१. फॅक्स - २२६१२१०२.

तार - EDUTECH   E-mail : Desk2@dte.org.in   Internet : http://www.dte.org.in

क्रमांक : २/एनजीसी/इंजि./मान्यता/२००९/२१९९-अ
दिनांक : • १ फेब्रु 2010

प्रति,
प्राचार्य,
विदर्भ बहुउद्देशिय शिक्षण संस्थेचे,
आभा कॉलेज ऑफ इंजिनिअरींग,
खसरा. नं.८/१, मोहगांव, वर्धा रोड,
ता. व जि.नागपूर.

(Institute Code EN934)

विषय : शैक्षणिक वर्ष २००९-१० पासून बिना-अनुदान तत्त्वावर नवीन अभियांत्रिकी
महाविद्यालय सुरु करण्यास परवानगी देण्याबाबत.
संदर्भ : १. अखिल भारतीय तंत्रशिक्षण परिषदेचे पत्र क्र.०६/०७/एमएस/इंजि./२००६/५१,
दिनांक २९ जुलै, २००६.
२. शासन निर्णय क्र.टिईएम-२००८/(४७१/०८)/तांशि-४, दि.२६ नोव्हेंबर,२००८.

उपरोक्त विषया संदर्भात आपणास कळविण्यात येते की, अखिल भारतीय तंत्रशिक्षण परिषदेने संदर्भ क्र.१ अन्वये
आपणास बिना-अनुदान तत्त्वावर नवीन अभियांत्रिकी महाविद्यालय सुरु करण्यास परवानगी दिलेली आहे. परंतु दि. ३० जून,
२००८ नंतर मान्यता प्राप्त असताना पुढील वर्षाकरीता मान्यता देण्यात येते. त्यास अनुसरुन शासनाने वरील संदर्भाधीन शासन
निर्णयान्वये आपल्या संस्थेला शैक्षणिक वर्ष २००९-१० पासून बिना-अनुदान तत्त्वावर नवीन अभियांत्रिकी महाविद्यालय खाली
दर्शविलेल्या प्रवेशक्षमतेसह सुरु करण्यास विहित अटींच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रमाचे नांव	प्रवेशक्षमता
१.	इलेक्ट्रॉनिक्स अँड कम्युनिकेशन इंजिनिअरींग	६०
२.	इन्फॉरमेशन टेक्नॉलॉजी	६०
३.	कॉम्प्युटर सायन्स अँड इंजिनिअरींग	६०
४.	इलेक्ट्रॉनिक्स इंजिनिअरींग	६०

सदर अटींपैकी आपण शासन निर्णयात नमूद केलेल्या अटी पालन करण्याचे नोंदणीकृत हमीपत्र रु.१००/- च्या
स्टॅम्पपेपरवर या संचालनालयास सादर केलेले आहे.

विहित केलेल्या अटींपैकी उरलेल्या खालील अटी व शर्तीच्या अधिन राहून शैक्षणिक वर्ष २००९-१० पासून
अभियांत्रिकी पदवी अभ्यासक्रमाची नवीन संस्था बिना अनुदान तत्त्वावर सुरु करण्यास व विद्यार्थ्यास प्रवेश देण्यास या
संचालनालयाकडून अंतिम परवानगी देण्यात येत आहे.
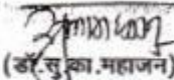
१. सदर मंजुरी कायम बिना-अनुदान तत्त्वावर राहील. सदर अभ्यासक्रमासाठी शासनाकडून आवर्ती व अनावर्ती अनुदान
कोणत्याही परिस्थितीत व कोणत्याही कारणास्तव मंजूर केले जाणार नाही.
२. शासन निर्णय, शिक्षण व सेवायोजन विभाग क्रमांक-टिईएम-३३८२/१११८३६/(१९०)/तांशि-१ अ, दिनांक २१ मे, १९८३ अन्वये
बिना-अनुदान तंत्रशिक्षण संस्थांना शासनाने विहित केलेल्या अटी व शर्ती आपणास बंधनकारक असतील.
३. संस्थेने अभ्यासक्रम चालविण्यास पुर्णवेळ शिक्षक कर्मचारी नेमावेत व शासन व अखिल भारतीय तंत्रशिक्षण परिषद यांच्या
नियमाप्रमाणे वेतन व भत्ते कर्मचा-यांना देण्यात यावेत. शिक्षक व शिक्षकेतर कर्मचा-यांच्या वेतन व भत्ते इत्यादीबाबत तसेच
विद्यार्थ्याकडून या संचालनालयाकडे तक्रारी आल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास संस्थेवर कडक कारवाई
करण्यात येईल व होणा-या परिणामास सर्वस्वी संस्था जबाबदार राहील.

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४. संस्थेने अभियांत्रिकी महाविद्यालयासाठी नियतठेव म्हणून रु.१५.०० लाख पंजाब नॅशनल बँक शाखा, नागपूर किंग्जवे येथे खाता क्र.०३५४००पीआर०००२८७६५, दि.१५.१२.२००९ अन्वये संस्थेचे अध्यक्ष व संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई यांच्या संयुक्त खात्यात ५ वर्षांसाठी जमा केलेले आहेत. तसेच द्वितीय वर्षासाठी पुढील शैक्षणिक वर्ष सुरु होण्यापूर्वी रु. १५.०० लाख संयुक्त खात्यात जमा करुन नियतठेवीची मूळप्रत पडताळणीसाठी या कार्यालयास सादर करणे आवश्यक आहे याची नोंद घ्यावी.

५. आपल्या संस्थेला महाराष्ट्र शासन, तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई शिक्षण शुल्क समिती, मुंबई, प्रवेश नियंत्रण समिती, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांचेकडून वेळोवेळी विहीत करण्यात आलेले प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क या संबंधीच्या निर्णयाचे पालन करणे बंधनकारक राहील.

६. आपल्या संस्थेची फी निर्धारित करण्यासाठी शिक्षण शुल्क समिती बांद्रा यांचेकडे प्रस्ताव सादर करण्यांत यावा. सदर अभ्यासक्रमाचे शुल्क शिक्षणशुल्क समितीने मंजूर केल्याप्रमाणे आकारण्यात यावे. निर्धारित केलेल्या शिक्षण शुल्कापेक्षा जास्त फी आकारु नये. विद्यार्थ्यांकडून शिक्षण शुल्क समितीने निश्चित केलेल्या रकमेपेक्षा जास्त शुल्क आकारल्यास व याबाबत विद्यार्थी किंवा त्यांच्या पालकाकडून तक्रार प्राप्त झाल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास होणा-या सर्व परिणामास संस्था जबाबदार राहील.

७. संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके, नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व कुलसचिव, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर यांच्या मानकानुसार खरेदी करणे आवश्यक आहे. तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपूर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासिकेची सोय करणे आवश्यक आहे.

८. संचालक किंवा त्यांचे प्रतिनिधी यांना अखिल भारतीय तंत्रशिक्षण परिषद/शासनाच्या मानकाप्रमाणे जागा, इमारत, शिक्षक व शिक्षकेतर कर्मचारी व इतर सोयीसुविधा उपलब्ध आहेत किंवा कसे याबाबत संस्थेत केव्हाही अचानक भेट देऊन तपासणी करण्याचे अधिकार राहतील.

९. तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन किंवा., राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर यांच्याकडून प्राधिकृत करण्यांत आलेले अधिकारी यांस त्यांनी संस्थेचे निरीक्षण करुन त्या निरीक्षणांती संस्थेत आढळून येणा-या उणीवांबद्दल उचित कार्यवाही करण्याचे अधिकार राहतील.

१०. सदर संस्था संचालक, तंत्रशिक्षण यांच्या नियंत्रणाखाली राहिल व संबंधित अभ्यासक्रमांच्या परीक्षा कुलसचिव, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर यांच्याकडून घेतल्या जातील.

११. संस्थेला कुलसचिव, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर यांची सदर अभ्यासक्रमासाठी संलग्नता घ्यावी लागेल.

१२. सदर अभ्यासक्रमाचे प्रवेश शैक्षणिक वर्ष २००९-१० साठी प्रवेश नियमात विहीत केलेल्या तरतुदीनुसार केंद्रिभूत प्रवेश प्रक्रियेद्वारे करण्यांत येतील.

१३. विद्यार्थ्यांना प्रवेश देतांना त्यांच्याकडून रकमेच्या स्वरुपात कॅपिटेशन फी किंवा इतर कोणत्याही स्वरुपात देणगी स्विकारता येणार नाही, तसेच प्रवेश गुणवत्तेनुसार करणे बंधनकारक आहे.

१४. रॅगिंग संदर्भात मा.सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोहिबिशन ऑफ रॅगिंग अॅक्ट, १९९९ यांची कडोरपणे अंमलबजावणी करणे संस्थेला बंधनकारक आहे.

१५. शासनाने, या संचालनालयाने कुलसचिव, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर व अखिल भारतीय तंत्रशिक्षण परिषद नवी दिल्ली यांनी वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे संस्था उल्लंघन करीत असल्यास सदरची संस्था बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनास राहतील.

१६. संचालनालयाच्या माहिती तंत्रज्ञान कक्षाकडून दिलेल्या संकेत क्रमांक व पासवर्डद्वारे शिक्षण शुल्क समितीने निश्चित केलेल्या शुल्कासंबंधीत व संस्थेची इतर सर्व बाबीसंबंधीची माहिती संस्था वेळोवेळी अद्ययावत करतील.

उपरोक्त सर्व अटी व शर्ती आपणास बंधनकारक राहतील.

(डॉ.सु.का.महाजन)
प्र. संचालक,
तंत्रशिक्षण संचालनालय, म.रा., मुंबई.

प्रत,

१. मा.प्रधान सचिव, महाराष्ट्र शासन, उच्च व तंत्रशिक्षण विभाग, मंत्रालय विस्तार भवन, मुंबई यांना संदर्भाधीन शासन निर्णयाच्या संदर्भात माहितीसाठी सादर.

२. मा.कुलसचिव, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर यांना माहिती व योग्य कार्यवाहीसाठी सादर.

३. सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय नागपूर यांना माहितीस्तव.

४. कार्यासन क्र.२-अ, मुख्य कार्यालय, मुंबई.

५. कार्यासन क्र.३, (आय.टी.सेल) मुख्य कार्यालय, मुंबई यांना माहिती व योग्य कार्यवाहीसाठी.

६. निवड नस्ती.

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तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३,महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१.

दूरध्वनी - २२६२०६०१, २२६९०६०२, २२६४११५०/५१, फॅक्स - २२६९२१०२.

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क्रमांक : २/एनजीसी/मान्यता/२०११/ ⱥ ६१५

दिनांक :

25 JAN 2011

प्रति,

प्राचार्य,

विदर्भ बहु उद्येशिय शिक्षण संस्थेचे,

आभा कॉलेज ऑफ इंजिनिअरींग,

खासरा नं. ८/१, मोहगाव,

वर्धा रोड, नागपूर — ४४० ०१०.

Institute Code 4195
Application No.: 1-6349161

विषय : शैक्षणिक वर्ष २०१०-११ पासून विना-अनुदान तत्वावर पदवी अभ्यासक्रम सुरु करण्यास व सुरु असलेल्या पदवी अभ्यासक्रमाच्या प्रवेशक्षमतेत बदल करण्यास परवानगी देण्याबाबत.

संदर्भ : १. शासन निर्णय क्रमांक- संकिर्ण-२०१०/(१८८/२०१०)/तांशि-४, दिनांक ३० जूलै, २०१०.

उपरोक्त विषया संदर्भात आपणास कळविण्यात येते की, अखिल भारतीय तंत्रशिक्षण परिषदेने मान्यतेस अनुसरुन शासनाने वरील संदर्भाधीन शासन निर्णयान्चये आपल्या संस्थेला शैक्षणिक वर्ष २०१०-११ विना-अनुदान तत्वावर अभियांत्रिकी महाविद्यालयामध्ये खालील अभ्यासक्रम सुरु करण्यास व सुरु असलेल्या अभ्यास प्रवेशक्षमतेत बदल करण्यास विहित अटींच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रम	प्रवेशक्षमता
१.	इलेक्ट्रिकल इंजिनिअरींग	००-६०
२.	इलेक्ट्रॉनिक्स ॲण्ड कम्युनिकेशन इंजिनिअरींग	६०-१२०

सदर अटींपैकी आपण शासन निर्णयात नमूद केलेल्या अटींचे पालन करण्याचे नोंदणीकृत हमी संचालनालयास सादर केले आहे.

विहित केलेल्या अटींपैकी उरलेल्या खालील अटी व शर्तीच्या अधिन राहून शैक्षणिक वर्ष २०१०-११ विना अनुदान तत्वावर अभियांत्रिकी महाविद्यालयामध्ये नवीन अभ्यासक्रम सुरु करण्यास सुरु असलेल्या अभ्यास प्रवेशक्षमतेत बदल करण्यास तसेच विद्यार्थ्यांना प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यात येत

१. सदर मंजूरी कायम विना-अनुदान तत्वावर राहील. सदर अभ्यासक्रमासाठी शासनाकडून आवर्ती व अनावर्ती कोणत्याही परिस्थितीत व कोणत्याही कारणारस्तव मंजूर केले जाणार नाही.

२. शासन निर्णय, शिक्षण व सेवायोजन विभाग क्र.टिईएम-३३८२/१११८३६/(१९०)/तांशि-१, दि. २१ मे, १९८३ विना-अनुदान तंत्रशिक्षण संस्थांना शासनाने विहित केलेल्या अटीव शर्ती आपणास बंधनकारक असतील.

३. संस्थेने अभ्यासक्रम चालविण्यास पूर्णवेळ शिक्षकवृंद कर्मचारी नेमावे व शासन व अखिल भारतीय तंत्रशिक्षण यांच्या नियमाप्रमाणे वेतन व भत्ते कर्मचा-यांना देण्यात यावे. शिक्षक व इतर कर्मचा-यांच्या वेतन इत्यादीबाबत तसेच विद्यार्थ्यांकडून या संचालनालयाकडे डे तक्रारी आल्यास किंवा न्यायालयीन प्रकरण उद्भ संस्थेवर कडक कारवाई करण्यात येईल व होणा-या परिणामास सर्वस्वी संस्था जबाबदार राहिल.

४. शैक्षणिक वर्ष २०१०-११ पासून विना अनुदान तत्वावर पदवी अभ्यासक्रम सुरु करण्यास नियतठेव म्हणून र लाख, बँक ऑफ इंडीया, शाखा — धरमपेठ, पावती क्र. १४८७८४९ दि.०२/१२/२०१०, अन्वये संस्थेचे अ संचालक, तंत्रशिक्षण महाराष्ट्र राज्य, मुंबई यांच्या संयुक्त खात्यात ५ वर्षासाठी जप्त केलेले आहेत.

५. आपल्या संस्थेला महाराष्ट्र शासन, तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई शिक्षण शुल्क समिती, नियंत्रण समिती, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांचेकडून वेळोवेळी विहित क आलेले प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क या संबंधीच्या निर्णयाचे पालन करणे बंधनकारक रा

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शैक्षणिक वर्ष २०१२-१३ पासून अखिल भारतीय तंत्र शिक्षण परिषदेच्या मान्यतेनुसार राज्यात सुरु असलेल्या अभियांत्रिकी/ औषधनिर्माणशास्त्र/ एमबीए/ एमसीए /पीजीडीएम महाविद्यालयातील नवीन पदवी/पदव्युत्तर पदवी अभ्यासक्रम सुरु करण्यास तसेच प्रवेशक्षमतेत वाढ व घट करण्यास शासन मान्यता देण्याबाबत

महाराष्ट्र शासन
उच्च व तंत्र शिक्षण विभाग,
शासन निर्णय क्र. टीईएम-२०१२/प्र.क्र.९८(भाग-१)/तांशि-४
मंत्रालय विस्तार भवन, मुंबई ४०० ०३२.
दिनांक : ३० जून, २०१२

संदर्भ : १) अखिल भारतीय तंत्र शिक्षण परिषदेने संचालक, तंत्रशिक्षण, म.रा., मुंबई यांना दि.१४.०६.२०१२ रोजी तसेच दि.२६.०६.२०१२ रोजी आणि २८.०६.२०१२ रोजी पाठविलेले ई-मेल संदेश.

२) संचालक, तंत्र शिक्षण महाराष्ट्र राज्य , मुंबई यांनी शासनास सादर केलेले पत्र क्र.२/एनजीसी/अभ्यासक्रम व प्रवेशक्षमताबदल/मान्यता/२०१२/६८९, दिनांक २०.०६.२०१२

३) संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य, मुंबई यांनी शासनास सादर केलेल्या क्र.२/एनजीसी/अभ्यासक्रम व प्रवेशक्षमताबदल/मान्यता/२०१२/७३७, दिनांक ३०.०६.२०१२

शासन निर्णय : शैक्षणिक वर्ष २०१२-१३ पासून अखिल भारतीय तंत्र शिक्षण परिषदेने राज्यात सुरु असलेल्या खाजगी विना अनुदानित अभियांत्रिकी/ औषधनिर्माणशास्त्र/ एमबीए/ एमएमएस/ एमसीए/ पीजीडीएम महाविद्यालयातील नवीन पदवी/पदव्युत्तर पदवी अभ्यासक्रम सुरु करण्यास तसेच प्रवेशक्षमतेत वाढ व घट करण्यास सोबत जोडलेल्या परिशिष्ट अ प्रमाणे मान्यता दिलेली आहे. सदर माहिती संचालक, तंत्रशिक्षण यांनी शासनास त्यांच्या दिनांक ३० जून, २०१२ च्या पत्रान्वये सादर केलेली आहे. त्यास अनुसरुन शासन निर्णय निर्गमीत करण्याची बाब शासनाच्या विचाराधीन होती.

२. आता या शासन निर्णयान्वये अखिल भारतीय तंत्र शिक्षण परिषदेने दिलेली मान्यता विचारात घेऊन सोबत जोडलेल्या परिशिष्ट अ मधील संस्थांना त्यांच्या नावासमोर दर्शविल्यानुसार प्रवेशक्षमतेत वाढ/घट करण्यास व अतिरिक्त नवीन अभ्यासक्रम सुरु करण्यास शैक्षणिक वर्ष २०१२-१३ पासून खालील अटी व शर्तींच्या अधिन राहून मान्यता देण्यात येत आहे.

१) प्रस्तुत बाबतीत अखिल भारतीय तंत्र शिक्षण परिषदेने विहित केलेल्या तसेच दिनांक २१ मे, १९८३ च्या शासन निर्णयान्वये विहित केलेल्या अटींची पूर्तता करणे संबंधित संस्थेस बंधनकारक राहील.

२) शासनाने विहित केलेल्या तसेच अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या सर्व अटी व शर्ती मान्य असल्याबाबत संस्थेस करारनामा करावा लागेल. तसेच संबंधित कागदपत्रांची आणि औपचारिक बाबींची पूर्तता संचालक (तंत्रशिक्षण) यांच्या संमतीने समाधानकारकरित्या करण्यात येईल.

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३) सदर अभ्यासक्रमाच्या सलग्नीकरणास संबंधित संस्थेने महाराष्ट्र विद्यापीठ अधिनियम, १९९४ मधील तरतूदीनुसार संबंधित विद्यापीठाची मान्यता/सलग्नीकरण घेणे आवश्यक आहे.

४) संबंधित संस्थेने संचालक (तंत्रशिक्षण) यांचेकडे आवश्यक ती संचित ठेव संयुक्त खात्यात भरुन इतर कायदेशीर बाबींची पूर्तता करावी.

५) सदर पदवी व पदव्युतर पदवी अभ्यासक्रमांचे प्रवेश शासनाने मान्य केलेल्या संबंधित अभ्यासक्रमाच्या प्रवेश नियमानुसार/पद्धतीनुसार करण्यात येतील.

६) शिक्षण शुल्क समितीने विहित केलेल्या शिक्षण शुल्कापेक्षा जास्त शुल्क संबंधित संस्थांनी आकारल्यास त्या संस्थांवर महाराष्ट्र एज्युकेशनल इन्स्टिट्युशन (प्रोहिबिशन ऑफ कॅपिटेशन फी) ॲक्ट, १९८७ नुसार कारवाई करण्यात येईल.

७) संस्थेने त्यांच्या संस्थेतील विद्यार्थ्यांचे अंतिम वर्ष पूर्ण होण्यापूर्वी फार्मसी ॲक्ट, १९४८ च्या कलम १२ मधील तरतूदीनुसार फार्मसी कॉन्सिल ऑफ इंडिया, नवी दिल्ली यांची विहित मान्यता प्राप्त करुन घेणे बंधनकारक राहील.

८) रॅगिंग संदर्भात मा. सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोहिबिशन ऑफ रॅगिंग ॲक्ट, १९९९ याची कठोरपणे अंमलबजावणी करण्यात यावी.

९) याशिवाय संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई व संबंधित विद्यापीठ यांनी घालून दिलेल्या अन्य अटी व शर्ती लागू राहतील.

१०) दुसऱ्या पाळीसाठी अखिल भारतीय तंत्र शिक्षण परिषद, नवी दिल्ली महाराष्ट्र शासन व संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई यांनी विहित केलेल्या /करावयाच्या अटींची पूर्तता करणे संबंधित संस्थेस बंधनकारक राहील.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नांवाने,

(भ. सं.वानखेडे)
अवर सचिव, महाराष्ट्र शासन

प्रति,
संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य, मुंबई.
सर्व सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, (संचालकांमार्फत)
सर्व विद्यापीठांचे कुलसचिव, (संचालकांमार्फत)
सर्व संबंधित संस्था (संचालकांमार्फत)

प्रत माहितीसाठी सादर -
अतिरिक्त सचिव (तांत्रिक), भारत सरकार, अखिल भारतीय तंत्र शिक्षण परिषद, ७ वा मजला, चंद्रलोक भवन, जनपथ, नवी दिल्ली- ११० ००१.
सहाय्यक शिक्षण सल्लागार (तांत्रिक), भारत सरकार, मनुष्यबळ विकास मंत्रालय (शिक्षण विभाग), पश्चिम विभागीय कार्यालय, इंडस्ट्रियल इन्शुरंस बिल्डींग, २ रा मजला, चर्चगेट, मुंबई.

DTE, Mumbai

Variation in Intake for academic year 2012 as per AICTE communication on 14, 26 28 Jun 2012 [Under Graduate Course Post Graduate Courses]

Inst Code	Name of the Institute	Course Type Name	Course Type Details	CourseName	Course Start Year	2011-2012	2012-2013	Diff
4187	Dr. Babasaheb Ambedkar College of Engineering and Research, Wanadongri, Nagpur	Master of Engineering (M. E.)	Regular First Shift	CAD-CAM	2012	0	18	18
4187	Dr. Babasaheb Ambedkar College of Engineering and Research, Wanadongri, Nagpur	Master of Engineering (M. E.)	Regular First Shift	Heat Power Engineering	2012	0	18	18
4187	Dr. Babasaheb Ambedkar College of Engineering and Research, Wanadongri, Nagpur	Bachelor of Engineering (B. E.)	Regular First Shift	Electronics and Communication Engineering	2008	60	120	60
4188	Krushi Jivan Vikas Pratishthan, Ballarpur Institute of Technology, Mouza Bamni	Master of Engineering (M. E.)	Regular First Shift	Heat Power Engineering	2012	0	18	18
4188	Krushi Jivan Vikas Pratishthan, Ballarpur Institute of Technology, Mouza Bamni	Master in Computer Application (M.C.A.)	Regular First Shift	Master in Computer Application	2012	0	60	60
4188	Krushi Jivan Vikas Pratishthan, Ballarpur Institute of Technology, Mouza Bamni	Bachelor of Engineering (B. E.)	Regular First Shift	Electronics Engineering	2011	60	0	-60
4188	Krushi Jivan Vikas Pratishthan, Ballarpur Institute of Technology, Mouza Bamni	Bachelor of Engineering (B. E.)	Regular First Shift	Mining Engineering	2012	0	60	60
4193	K.D.M. Education Society, Vidharbha Institute of Technology, Umred Road, Nagpur	Master of Engineering (M. E.)	Regular First Shift	CAD-CAM	2012	0	18	18
4193	K.D.M. Education Society, Vidharbha Institute of Technology, Umred Road, Nagpur	Master of Engineering (M. E.)	Regular First Shift	Electronics and Communication Engineering	2012	0	18	18
4195	Vidarbha Bahu Uddeshiya Shikshan Santha's Abha College of Engineering, Nagpur	Master of Technology (M. Tech.)	Regular First Shift	Electronics and Communication Engineering	2012	0	24	24
4195	Vidarbha Bahu Uddeshiya Shikshan Santha's Abha College of Engineering, Nagpur	Master of Engineering (M. E.)	Regular First Shift	Wireless Communication and Computing	2012	0	24	24
4195	Vidarbha Bahu Uddeshiya Shikshan Santha's Abha College of Engineering, Nagpur	Bachelor of Engineering (B. E.)	Regular First Shift	Electrical Engineering	2010	60	120	60
4195	Vidarbha Bahu Uddeshiya Shikshan Santha's Abha College of Engineering, Nagpur	Bachelor of Engineering (B. E.)	Regular First Shift	Mechanical Engineering	2011	60	120	60
4202	Guru Nanak College of Pharmacy, Nagpur	Master of Pharmacy	Regular First Shift	Pharmaceutics	2009	18	24	6
4202	Guru Nanak College of Pharmacy, Nagpur	Master of Pharmacy	Regular First Shift	Quality Assurance	2010	18	24	6
4207	Dadasaheb Balpande College of Pharmacy, Nagpur	Master of Pharmacy	Regular First Shift	Pharmaceutics	2012	0	18	18
4207	Dadasaheb Balpande College of Pharmacy, Nagpur	Master of Pharmacy	Regular First Shift	Quality Assurance	2012	0	18	18
4266	Women's Education Society's Women's Techanical Education & Research Institute, Nagpur	P.G.D.M.	Regular First Shift	Modern Office Management	2012	0	20	20
4305	G.H.Raisoni Academy of Engineering & Technology, Nagpur	Master of Engineering (M. E.)	Regular First Shift	Computer Science and Engineering	2012	0	24	24
4305	G.H.Raisoni Academy of Engineering & Technology, Nagpur	Master of Engineering (M. E.)	Regular First Shift	VLSI	2012	0	24	24
4305	G.H.Raisoni Academy of Engineering & Technology, Nagpur	Master of Engineering (M. E.)	Regular Second Shift	Computer Science and Engineering	2012	0	24	24
4305	G.H.Raisoni Academy of Engineering & Technology, Nagpur	Master of Engineering (M. E.)	Regular Second Shift	VLSI	2012	0	24	24
4305	G.H.Raisoni Academy of Engineering & Technology, Nagpur	Bachelor of Engineering (B. E.)	Regular First Shift	Computer Science and Engineering	2012	0	60	60
4308	Shri Babulal Agnihotri College Of Engineering, Wardha	Master of Engineering (M. E.)	Regular First Shift	CAD-CAM	2012	0	18	18
4308	Shri Babulal Agnihotri College Of Engineering, Wardha	Master of Engineering (M. E.)	Regular First Shift	Heat Power Engineering	2012	0	18	18
4613	Suryodaya College of Engineering & Technology, Nagpur	Bachelor of Engineering (B. E.)	Regular First Shift	Mechanical Engineering	2010	60	120	60

Approval by State Government (Govt. of Maharashtra)

अखिल भारतीय तंत्रशिक्षण परिषदेच्या मान्यतेनुसार राज्यातील खाजगी संस्थांना नविन अभियांत्रिकी महाविद्यालय सुरु करण्यास शासनाची मान्यता देण्याबाबत

महाराष्ट्र शासन

उच्च व तंत्रशिक्षण विभाग,

शासन निर्णय :- क्र.टिईएम-२००८/(४७९/०८)/तांशि-१,

मंत्रालय, विस्तार भवन, मुंबई ४०० ०३२

दिनांक : - २६ नोव्हेंबर २००८ .

संदर्भ:- अखिल भारतीय तंत्र शिक्षण परिषद , नवी दिल्ली यांचे दिनांक २९ जुलै, २००८ चे पत्र.
चे क्र. ०६/०७/MS/Engg/२००८/५१

शासन निर्णय:- अखिल भारतीय तंत्रशिक्षण परिषदेने त्यांच्या संदर्भाधीन पत्रान्वये शैक्षणिक खाली नमूद संस्थेस नविन अभियांत्रिकी महाविद्यालय सुरु करण्यास खालीलप्रमाणे मान्यता दिलेली आहे. त्यास अनुसरुन बाबत शासन निर्णय निर्गमित करण्याची बाब शासनाच्या विचाराधीन होती.

अ.क्र.	संस्थेचे नांव	अभ्यासक्रमाचें नांव	प्रवेशक्षमता
१	विदर्भ बहुउद्देशिय शिक्षण संस्थेचे आभा कॉलेज ऑफ इंजिनिअरींग, खसरा, नं. ८/१, मोहगांव, वर्धा रोड, ता.व जि. नागपूर	१) इलेक्ट्रॉनिक्स ऑण्ड कम्युनिकेशन इंजिनियरींग	६०
		२) इन्फॉरमेशन टेक्नॉलॉजी	६०
		३) कॉम्प्युटर सायन्स ऑण्ड इंजिनियरींग	६०
		४) इलेक्ट्रानिक्स इंजिनियरींग	६०
		एकूण	२४०

तथापि रिट याचिका क्र. ३९१६/२००१ अखिल भारतीय तंत्रशिक्षण परिषद नवी दिल्ली विरुध्द महाराष्ट्र शासन या याचिकेसंदर्भात दि. १७.०९.२००१ रोजी देण्यात आलेल्या निर्णयाच्या अनुषंगाने दि. ३० जून, नंतर अखिल भारतीय तंत्रशिक्षण परिषदेकडून मान्यता प्राप्त प्रस्तावांना पुढील शैक्षणिक वर्षाकरिता मान्यता देण्यात येते. आता या शासन निर्णयाद्वारे उपरोक्त संस्थेस खालील अटी व शर्तीच्या अधीन राहून शैक्षणिक वर्ष २००९-२०१० पासून उपरोक्त संस्थेस नविन अभियांत्रिकी महाविद्यालय सुरु करण्यास तिच्या नावासमोर दर्शविलल्या प्रवेशक्षमतेसह सुरु करण्यास मान्यता देण्यात येत आहे.

१) प्रस्तुत बाबतीत अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या तसेच दिनांक २१ मे, १९८३ च्या शासन निर्णयान्वये विहित केलेल्या अटींची पूर्तता करणे संबंधित संस्थेस बंधन कारक राहील.

२) शासनाने विहित केलेल्या तसेच अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या सर्व अटी व शर्ती मान्य असल्याबाबत संस्थेस करारनामा करावा लागेल. तसेच संबंधित कागदपत्रांची आणि औपचारिक बाबींची पूर्तता संचालक (तंत्रशिक्षण) यांच्या संमतीने समाधानकारकरित्या करण्यात येईल.

३) सदर अभ्यासक्रमाच्या संलग्नीकरणांसाठी संबंधित संस्थेने महाराष्ट्र विद्यापीठ अधिनियम १९९४ मधील तरतूदीनुसार संबंधित विद्यापिठांची मान्यता/संलग्नीकरण घेणे आवश्यक आहे.

४) संबंधित संस्थेने संचालक (तंत्रशिक्षण) यांचेकडे आवश्यक ती संचीत ठेव संयुक्त खात्यात भरुन इतर कायदेशीर बाबींची पूर्तता करावी.

५) सदर पदवी अभ्यासक्रमांचे प्रवेश शासनाने मान्य केलेल्या संबंधित अभ्यासक्रमाच्या प्रवेश नियमानुसार /पध्दतीनुसार करण्यात येतील.

६) याशिवाय संचालक (तंत्रशिक्षण) महाराष्ट्र राज्य मुंबई व संबंधित विद्यापीठ यांनी घालून दिलेल्या अन्य अटी व शर्ती लागू राहतील.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावांने

(भ. स. वानखेडे)

अवर सचिव , महाराष्ट्र शासन

प्रति,

संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई

सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, नागपूर

कुलसचिव, राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ नागपूर

संबंधित संस्था

प्रत माहितीसाठी

सल्लागार (यूजी/पीजी)(ई ऑण्ड टी) अखिल भारतीय तंत्रशिक्षण परिषद, ७ वा माळा, चंद्रलोक भवन, नवी दिल्ली-११०००१

पश्चिम विभागीय कार्यालय, अखिल भारतीय तंत्रशिक्षण परिषद, इंडस्ट्रियल इन्शुरन्स बिल्डींग, दुसरा मजला, चर्चगेट, मुंबई ४०० ०२०

निवड नस्ती.

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शैक्षणिक वर्ष २०१२-१३ पासून अखिल भारतीय
तंत्र शिक्षण परिषदेच्या मान्यतेनुसार राज्यात सुरु
असलेल्या अभियांत्रिकी/ औषधनिर्माणशास्त्र/
एमबीए/ एमसीए /पीजीडीएम महाविद्यालयातील
नवीन पदवी/पदव्युत्तर पदवी अभ्यासक्रम सुरु
करण्यास तसेच प्रवेशक्षमतेत वाढ व घट करण्यास
शासन मान्यता देण्याबाबत

महाराष्ट्र शासन
उच्च व तंत्र शिक्षण विभाग,
शासन निर्णय क्र. टीईएम-२०१२/प्र.क्र.९८(भाग-१)/तांशि-४
मंत्रालय विस्तार भवन, मुंबई ४०० ०३२.
दिनांक : ३० जून, २०१२

संदर्भ : १) अखिल भारतीय तंत्र शिक्षण परिषदेने संचालक, तंत्रशिक्षण, म.रा., मुंबई यांना
दि.१४.०६.२०१२ रोजी तसेच दि.२६.०६.२०१२ रोजी आणि २८.०६.२०१२ रोजी
पाठविलेले ई-मेल संदेश.

२) संचालक, तंत्र शिक्षण महाराष्ट्र राज्य , मुंबई यांनी शासनास सादर केलेले पत्र
क्र.२/एनजीसी/अभ्यासक्रम व प्रवेशक्षमताबदल/मान्यता/२०१२/६८९, दिनांक
२०.०६.२०१२

३) संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य, मुंबई यांनी शासनास सादर केलेल्या
क्र.२/एनजीसी/अभ्यासक्रम व प्रवेशक्षमताबदल/मान्यता/२०१२/७३७, दिनांक
३०.०६.२०१२

शासन निर्णय : शैक्षणिक वर्ष २०१२-१३ पासून अखिल भारतीय तंत्र शिक्षण परिषदेने राज्यात सुरु
असलेल्या खाजगी विना अनुदानित अभियांत्रिकी/ औषधनिर्माणशास्त्र/ एमबीए/ एमएमएस/ एमसीए/
पीजीडीएम महाविद्यालयातील नवीन पदवी/पदव्युत्तर पदवी अभ्यासक्रम सुरु करण्यास तसेच प्रवेशक्षमतेत वाढ
व घट करण्यास सोबत जोडलेल्या परिशिष्ट अ प्रमाणे मान्यता दिलेली आहे. सदर माहिती संचालक,
तंत्रशिक्षण यांनी शासनास त्यांच्या दिनांक ३० जून, २०१२ च्या पत्रान्वये सादर केलेली आहे. त्यास अनुसरुन
शासन निर्णय निर्गमीत करण्याची बाब शासनाच्या विचाराधीन होती.

२.   आता या शासन निर्णयान्वये अखिल भारतीय तंत्र शिक्षण परिषदेने दिलेली मान्यता विचारात घेऊन
सोबत जोडलेल्या परिशिष्ट अ मधील संस्थांना त्यांच्या नावासमोर दर्शविल्यानुसार प्रवेशक्षमतेत वाढ/घट
करण्यास व अतिरिक्त नवीन अभ्यासक्रम सुरु करण्यास शैक्षणिक वर्ष २०१२-१३ पासून खालील अटी व
शर्तींच्या अधिन राहून मान्यता देण्यात येत आहे.

१) प्रस्तुत बाबतीत अखिल भारतीय तंत्र शिक्षण परिषदेने विहित केलेल्या तसेच दिनांक २१ मे,
१९८३ च्या शासन निर्णयान्वये विहित केलेल्या अटींची पूर्तता करणे संबंधित संस्थेस बंधनकारक
राहील.

२) शासनाने विहित केलेल्या तसेच अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या सर्व अटी
व शर्ती मान्य असल्याबाबत संस्थेस करारनामा करावा लागेल. तसेच संबंधित कागदपत्रांची
आणि औपचारिक बाबींची पूर्तता संचालक (तंत्रशिक्षण) यांच्या संमतीने समाधानकारकरित्या
करण्यात येईल.

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३) सदर अभ्यासक्रमाच्या सलग्नीकरणास संबंधित संस्थेने महाराष्ट्र विद्यापीठ अधिनियम, १९९४ मधील तरतूदीनुसार संबंधित विद्यापीठाची मान्यता/सलग्नीकरण घेणे आवश्यक आहे.

४) संबंधित संस्थेने संचालक (तंत्रशिक्षण) यांचेकडे आवश्यक ती संचित ठेव संयुक्त खात्यात भरुन इतर कायदेशीर बाबींची पूर्तता करावी.

५) सदर पदवी व पदव्युत्तर पदवी अभ्यासक्रमांचे प्रवेश शासनाने मान्य केलेल्या संबंधित अभ्यासक्रमाच्या प्रवेश नियमानुसार/पद्धतीनुसार करण्यात येतील.

६) शिक्षण शुल्क समितीने विहित केलेल्या शिक्षण शुल्कापेक्षा जास्त शुल्क संबंधित संस्थांनी आकारल्यास त्या संस्थांवर महाराष्ट्र एज्युकेशनल इन्स्टिट्यूशन (प्रोहिबिशन ऑफ कॅपिटेशन फी) ऍक्ट, १९८७ नुसार कारवाई करण्यात येईल.

७) संस्थेने त्यांच्या संस्थेतील विद्यार्थ्यांचे अंतिम वर्ष पूर्ण होण्यापूर्वी फार्मसी ऍक्ट, १९४८ च्या कलम १२ मधील तरतूदीनुसार फार्मसी कॉन्सिल ऑफ इंडिया, नवी दिल्ली यांची विहित मान्यता प्राप्त करुन घेणे बंधनकारक राहील.

८) रॅगिंग संदर्भात मा. सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोहिबिशन ऑफ रॅगिंग ऍक्ट, १९९९ याची कठोरपणे अंमलबजावणी करण्यात यावी.

९) याशिवाय संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई व संबंधित विद्यापीठ यांनी घालून दिलेल्या अन्य अटी व शर्ती लागू राहतील.

१०) दुसऱ्या पाळीसाठी अखिल भारतीय तंत्र शिक्षण परिषद, नवी दिल्ली महाराष्ट्र शासन व संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई यांनी विहित केलेल्या /करावयाच्या अटींची पूर्तता करणे संबंधित संस्थेस बंधनकारक राहील.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नांवाने,

(भ. सं.वानखेडे)
अवर सचिव, महाराष्ट्र शासन

प्रति,
संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य, मुंबई.
सर्व सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, (संचालकांमार्फत)
सर्व विद्यापीठांचे कुलसचिव, (संचालकांमार्फत)
सर्व संबंधित संस्था (संचालकांमार्फत)

प्रत माहितीसाठी सादर -
अतिरिक्त सचिव (तांत्रिक), भारत सरकार, अखिल भारतीय तंत्र शिक्षण परिषद, ७ वा मजला, चंद्रलोक भवन, जनपथ, नवी दिल्ली- ११० ००१.
सहाय्यक शिक्षण सल्लागार (तांत्रिक), भारत सरकार, मनुष्यबळ विकास मंत्रालय (शिक्षण विभाग), पश्चिम विभागीय कार्यालय, इंडस्ट्रियल इन्शुरंस बिल्डींग, २ रा मजला, चर्चगेट, मुंबई.

शैक्षणिक वर्ष २०१३-१४ पासून अखिल भारतीय तंत्र शिक्षण परिषदेच्या मान्यतेनुसार राज्यात सुरु असलेल्या अभियांत्रिकी/औषधनिर्माणशास्त्र/वास्तुशास्त्र/एचएमसीटी/ एमबीए/एमसीए/पीजीडीएम महाविद्यालयातील नवीन पदवी/पदव्युत्तर पदवी/पदव्युत्तर पदविका अभ्यासक्रम सुरु करण्यास, प्रवेशक्षमतेत वाढ व घट करण्यास तसेच नवीन पदवी अभ्यासक्रमाच्या संस्थांना शासन मान्यता देण्याबाबत.

महाराष्ट्र शासन

उच्च व तंत्र शिक्षण विभाग

शासन निर्णय क्रमांकः क्र.टीईएम –२०१३/प्र.क्र.१७७/तांशि-४

मंत्रालय विस्तार भवन, मादाम कामा मार्ग,

हुतात्मा राजगुरु चौक, मुंबई ४०००३२.

तारीख: १५ मे, २०१३.

वाचा —

१) १) संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई यांचे पत्र क्र. २/एनजीसी/२०१३/६०३,दिनांक ०८.०५.२०१३.

२) शासन पत्र, उच्च व तंत्र शिक्षण विभाग, क्रमांक MIS-२०१२/(CR ६५)/TE-४, दिनांक २९.०१.२०१३

३) शासन पत्र, उच्च व तंत्र शिक्षण विभाग, क्रमांक MIS-२०१३/(CR ८४)/TE-४,दिनांक २८.०३.२०१३.

शासन निर्णय क्रमांकः क्र.टीईएम –२०१३/प्र.क्र.१७७/तांशि-४

प्रस्तावना —

शैक्षणिक वर्ष २०१३-१४ पासून अखिल भारतीय तंत्र शिक्षण परिषदेने राज्यात सुरुअसलेल्या खाजगी विना अनुदानित अभियांत्रिकी/औषधनिर्माणशास्त्र/वास्तुशास्त्र /एचएमसीटी/एमबीए/एमसीए/पीजीडीएम महाविद्यालयातील नवीन पदवी/पदव्युत्तर पदवी/ पदव्युत्तर पदविका अभ्यासक्रम सुरु करण्यास, प्रवेशक्षमतेत वाढ व घट करण्यास तसेच नवीन पदवी अभ्यासक्रमाच्या संस्थांना मान्यता दिलेली आहे. त्यानुसार शासन निर्णय निर्गमित करण्याची बाब शासनाच्या विचाराधीन होती.

शासन निर्णय—

अखिल भारतीय तंत्र शिक्षण परिषद, नवी दिल्ली यांनी राज्यात सुरु असलेल्या खाजगी विना अनुदानित अभियांत्रिकी/औषधनिर्माणशास्त्र/वास्तुशास्त्र/एचएमसीटी/एमबीए/ एमसीए/पीजीडीएम महाविद्यालयातील नवीन पदवी/पदव्युत्तर पदवी/ पदव्युत्तर पदविका अभ्यासक्रम सुरु करण्यास, सुरु असलेले अभ्यासक्रम बंद करण्यास आणि प्रवेशक्षमतेत वाढ व घट करण्यास तसेच नवीन पदवी अभ्यासक्रमाच्या संस्थांना दिलेली मान्यता विचारात घेऊन सोबत जोडलेल्या परिशिष्ट - १, २, ३, ४,५ व ६ मधील संस्थांना प्रवेशक्षमतेत वाढ व घट नवीन अभ्यासक्रम सुरु करण्यास, कमी केलेली प्रवेशक्षमता पूर्ववत करणे व नवीन पदवी अभ्यासक्रमांच्या संस्था सुरु करण्यास शैक्षणिक वर्ष २०१३-१४ पासून खालील अटी व शर्तींच्या अधीन राहून शासनाची मान्यता देण्यात येत आहे.

१) सदर मंजूरी कायम विना अनुदान तत्वावर राहील.

२) प्रस्तुत बाबतीत अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या तसेच दिनांक २१ मे, १९८३ च्या शासन निर्णयान्वये विहित केलेल्या अटींची पूर्तता करणे संबंधित संस्थेस बंधनकारक राहील. सदर अभ्यासक्रमासाठी संस्थेचे प्रवेशक्षमता वर नमुद केल्याप्रमाणे राहील.

३) शासनाने विहित केलेल्या तसेच अखिल भारतीय तंत्र शिक्षण परिषदेने विहित केलेल्या सर्व अटी व शर्ती मान्य असल्याबाबत संस्थेस करारनामा करावा लागेल. तसेच संबंधित कागदपत्रांची आणि औपचारिक बाबींची पूर्तता संचालक, तंत्रशिक्षण, महाराष्ट्र राज्ययांच्या संमतीने समाधानकारकरित्या करण्यात येईल.

पृष्ठ ५ पैकी २

शासन निर्णय क्रमांकः **क्र.टीईएम –२०१३/प्र.क्र.१७७/तांशि-४**

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४) सदर अभ्यासक्रमाच्या संलग्नीकरणासाठी संबंधित संस्थेने महाराष्ट्र राज्य विद्यापीठ अधिनियम,१९९४ मधील तरतूदीनुसार संबंधित विद्यापीठाची मान्यता/संलग्नीकरण घेणे आवश्यक राहील.

५) संबंधित संस्थेने संचालक, तंत्रशिक्षणयांचेकडे आवश्यक ती संचीत ठेव संयुक्त खात्यात भरुन इतर कायदेशीर बाबींची पूर्तता करावी.

६) सदर पदवी व पदव्युत्तर अभ्यासक्रमाचे प्रवेश शासनाने मान्य केलेल्या संबंधित अभ्यासक्रमाच्या प्रवेश नियमानुसार /पद्धतीनुसार करण्यात येतील.

७) शिक्षण शुल्क समितीने विहित केलेल्या शिक्षण शुल्कापेक्षा जास्त शुल्क संबंधित संस्थांनी आकारल्यास त्या संस्थांवर महाराष्ट्र एज्युकेशनल इन्स्टिट्यूशन (प्रोहिबिशन ऑफ कॅपिटेशन फी) ऑक्ट, १९८७ अनुसार कारवाई करण्यात येईल.

८) संस्थेने त्यांच्या संस्थेतील विद्यार्थ्यांचे अंतिम वर्ष पूर्ण होण्यापूर्वी फार्मसी ऑक्ट,१९४८ च्या कलम १२ मधील तरतूदीनुसार फार्मसी काऊन्सिल ऑफ इंडिया,नवी दिल्ली यांची विहित मान्यता प्राप्त करुन घेणे बंधनकारक राहील.

९) संस्थेने अभ्यासक्रम चालविण्यास पूर्णवेळ शिक्षकवृंद व इतर तांत्रिक कर्मचारी शासन नियमाप्रमाणे नियुक्त करावेत. त्यांना नियमानुसार वेतन व भत्ते कर्मचाऱ्यांना देण्यात यावेत. तसेच शिक्षकवृंद व इतर कर्मचाऱ्यांच्या वेतन व भत्ते इत्यादीबाबत तसेच विद्यार्थ्यांकडून शासनाकडे तक्रारी आल्यास संस्थेवर कडक कारवाई करण्यात येईल.

१०) संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके, नियतकालिके अखिल भारतीय तंत्रशिक्षण परिषदेच्या मानकानुसार खरेदी करणे आवश्यक आहे. तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपूर उपयोग होण्याच्या दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासिकेची सोय करणे आवश्यक आहे. तसेच विद्यार्थ्यांना अखिल भारतीय तंत्र शिक्षण परिषदेच्या मानकाप्रमाणे सर्व शैक्षणिक सोयीसुविधा (उदा. प्रयोगशाळा, वाचनालय, वर्गखोल्या इ.) करणे आवश्यक आहे.

११) रॅगिंग संदर्भात मा. सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोहिबिशन ऑफ रॅगिंग ऑक्ट, १९९९ यांची कठोरपणे अंमलबजावणी करणे आवश्यक राहील.

१२) याशिवाय संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई व संबंधित विद्यापीठ यांनी घालून दिलेल्या अन्य अटी व शर्ती लागू राहतील.

पृष्ठ ५ पैकी ३

शासन निर्णय क्रमांकः क्र.टीईएम –२०१३/प्र.क्र.१७७/तांशि-४

१३) दुसऱ्या पाळीसाठी अखिल भारतीय तंत्र शिक्षण परिषद,नवी दिल्ली, महाराष्ट्र शासन व संचालक, तंत्रशिक्षण,महाराष्ट्र राज्य,मुंबई यांनी विहित केलेल्या/करावयाच्या अटींची पूर्तता करणे संबंधित संस्थेस बंधनकारक राहील.

१४) या शासन निर्णयाद्वारे ज्या नवीन संस्थांना/अभ्यासक्रमांना अथवा अभ्यासक्रमातील प्रवेशक्षमता वाढीला मान्यता देण्यात आली आहे, अशा ज्या संस्थांनी अखिल भारतीय तंत्रशिक्षण परिषदेकडे किंवा वास्तुकला परिषदेकडे राज्य शासनामार्फत प्रस्ताव सादर न करता थेट प्रस्ताव सादर केले आहेत व ज्यांना राज्य शासनाची नकारात्मक शिफारस आहे, अशा नवीन संस्थांना/अभ्यासक्रमांना/प्रवेशक्षमता वाढीला राज्य शासनामार्फत राबविण्यात येणारी फी-प्रतिपूर्तीची योजना लागू राहणार नाही. या अटीनुसार संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई यांनी आवश्यक ती कार्यवाही करावी.

१५) ज्या संस्थांनी संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य यांच्याकडे प्रोसेसिंग फी अदा केलेली नाही, त्या संस्थांकडून संचालकांनी अंतिम मान्यता देण्यापूर्वी ती वसूल करावी.

सदर शासन निर्णय महाराष्ट्र शासनाच्या www.maharashtra.gov.in या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा संकेतांक २०१३०५१६१६०९५०५१०८ असा आहे. हा आदेश डिजीटल स्वाक्षरीने साक्षांकित करुन काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने.

Madan Maruti Morve

Digitally signed by Madan Maruti Morve
DN: c=IN, o=Government of Maharashtra, ou=Higher & Technical Education, postalCode=400032, st=Maharashtra, cn=Madan Maruti Morve
Date: 2013.05.17 17:03:59 +05'30'

(म. मा. मोरवे)

अवर सचिव, महाराष्ट्र शासन

प्रत,

१. संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य, मुंबई

२. सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय (सर्व), (संचालकामार्फत)

पृष्ठ ५ पैकी ४

शासन निर्णय क्रमांकः **क्र.टीईएम –२०१३/प्र.क्र.१७७/तांशि-४**

३. सर्व विद्यापीठांचे कुलसचिव, (संचालकामार्फत)

४. सर्व संबंधित संस्था (संचालकांमार्फत)

५. प्रधान सचिव, आदिवासी विकास विभाग, मंत्रालय, मुंबई

६. सचिव, सामाजिक न्याय व विशेष सहाय्य विभाग, मंत्रालय, मुंबई

७. अतिरिक्त सचिव (तांत्रिक), भारत सरकार, अखिल भारतीय तंत्र शिक्षण परिषद, ७ वा मजला, चंद्रलोक भवन, जनपथ, नवी दिल्ली – ११० ००१.

८. सहायक शिक्षण सल्लागार (तांत्रिक), भारत सरकार, मनुष्यबळ विकास मंत्रालय (शिक्षण विभाग), नवी दिल्ली.

९. विभागीय अधिकारी, अखिल भारतीय तंत्र शिक्षण परिषद, पश्चिम विभागीय कार्यालय, इंडस्ट्रियल इन्शुरन्स बिल्डींग, २ रा मजला, चर्चगेट, मुंबई

१०. निवड नस्ती/तांशि-४

पृष्ठ ५ पैकी ५

Government Resolution No. TEM-2013/C.R. no. 177/TE-4, dated 15th May, 2013
Variation in Intake (UG PG) Approved by AICTE A.Y. 2013-14

SN	Permanent AICTE Application No	Institute Code	Institute Name	DistrictName	Course Level	Program	Course Name	Status	Shift	Gender Status	Course Start Year	Intake 2012-13	Intake 2013-14 as on 10 th April 2013 approved by AICTE	Increase / Decrease in Intake for a.y. 2013-14
106	1-7963511	4188	Krushi Jivan Vikas Pratishthan, Ballarpur Institute of Technology, Mouza Bamni	Chandrapur	Post Graudate Degree Courses	Master of Technology (M. Tech.)	Electrical Power System	Un-Aided	Regular First Shift	Co-Education	2013	0	18	18
107	1-7963511	4188	Krushi Jivan Vikas Pratishthan, Ballarpur Institute of Technology, Mouza Bamni	Chandrapur	Post Graudate Degree Courses	Master of Technology (M. Tech.)	Structural Engineering	Un-Aided	Regular First Shift	Co-Education	2013	0	18	18
108	1-6190781	4193	K.D.M. Education Society, Vidharbha Institute of Technology,Umred Road ,Nagpur	Nagpur	Post Graudate Degree Courses	Master of Engineering (M. E.)	Electronics and Communication Engineering	Un-Aided	Regular First Shift	Co-Education	2012	18	24	6
109	1-6190781	4193	K.D.M. Education Society, Vidharbha Institute of Technology,Umred Road ,Nagpur	Nagpur	Post Graudate Degree Courses	Master of Technology (M. Tech.)	Computer Science and Engineering	Un-Aided	Regular First Shift	Co-Education	2013	0	24	24
110	1-6349161	4195	Vidharbha Bahu uddeshiya Shikshan Sanstha's Abha Gaikwad â€" Patil College of Engineering, Nagpur	Nagpur	Post Graudate Degree Courses	Master of Technology (M. Tech.)	Integrated Power Systems	Un-Aided	Regular First Shift	Co-Education	2013	0	24	24
111	1-6349161	4195	Vidharbha Bahu uddeshiya Shikshan Sanstha's Abha Gaikwad â€" Patil College of Engineering, Nagpur	Nagpur	Post Graudate Degree Courses	Master of Technology (M. Tech.)	Mechanical Design	Un-Aided	Regular First Shift	Co-Education	2013	0	24	24
112	1-15049654	4197	Jai Mahakali Shikshan Sanstha, Agnihotri College of Engineering, Sindhi(Meghe)	Wardha	Post Graudate Degree Courses	Master of Engineering (M. E.)	Computer Science and Engineering	Un-Aided	Regular First Shift	Co-Education	2013	0	24	24
113	1-15049654	4197	Jai Mahakali Shikshan Sanstha, Agnihotri College of Engineering, Sindhi(Meghe)	Wardha	Post Graudate Degree Courses	Master of Engineering (M. E.)	Electronics Engineering	Un-Aided	Regular First Shift	Co-Education	2013	0	24	24
114	1-6567564	5101	Khandesh College Education Society's Institute of Management & Research, Jalgaon	Jalgaon	Post Graudate Degree Courses	Master in Computer Application (Direct Second Year)	Master in Computer Application (M.C.A.-Direct Second Year)	Un-Aided	Regular First Shift	Co-Education	2013	0	60	60

ABHA GAIKWAD-PATIL
College of Engineering
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Mohgaon, Wardha Road, Nagpur-441 108

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Annexure VI

Approval and Affiliation by Parent University (Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

क्र.म.वि./म.वि./४६६/S/४६५   दिनांक:–०१.०९.२००९

प्रति,

अध्यक्ष/सचिव,
विदर्भ बहुउद्देशिय शिक्षण संस्था, नागपूर
व्दारा– आभा कॉलेज ऑफ इंजिनिअरिंग,
मोहगांव,वर्धा रोड, नागपूर.

विषय – सत्र २००९–१० पासुन नविन महाविद्यालय सुरु करण्यास परवानगी देण्याबाबत.

संदर्भ – १) शासन पत्र क्र. टिईएम–२००८/(४७१/०८)/तांशि–१, दि. २६ नोव्हेंबर, २००८.
        २) एआयसीटीईचे पत्र दिनांक २९ जुलै, २००९.
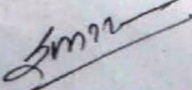
महोदय,

उपरोक्त संदर्भांकित पत्रानुसार राज्य शासनाने आपल्या संस्थेला सत्र २००८–०९ पासुन नविन महाविद्यालय सुरु करण्यास दिलेल्या परवानगीनुसार व स्थानिय चौकशी समितीने केलेल्या शिफारशींनुसार मा.कुलगुरुंनी म.वि.अधिनियम १९९४ च्या कलम १४(७) अंतर्गत विद्यत परिषदेच्या वतीने नविन महाविद्यालयास सत्र २००९–१० पासुन खालीलप्रमाणे प्रथम संलग्निकरण प्रदान करण्यास मान्यता प्रदान केली आहे.

संस्थेचे नांव	महाविद्यालयाचे नांव व ठिकाण	विद्याशाखा /अभ्यासक्रम	प्रवेश क्षमता
विदर्भ बहुउद्देशिय शिक्षण संस्था, नागपूर	आभा कॉलेज ऑफ इंजिनिअरिंग, मोहगांव,वर्धा रोड, नागपूर.	१) इलेक्ट्रॉनिक्स अँड कॉम्युनिकेशन इंजि.	६० विद्यार्थी
		२) इन्फॉरमेशन टेक्नॉलॉजी	६० विद्यार्थी
		३) कॉम्प्युटर सायंस अँड इंजिनिअरींग	६० विद्यार्थी
		४) इलेक्ट्रॉनिक्स इंजिनिअरींग	६० विद्यार्थी
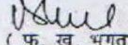
प्रथम संलग्निकरण खालील अटींच्या अधिन देण्यात येत आहे.

१. उपरोक्त नवीन महाविद्यालयाला देण्यात आलेले प्रथम संलग्निकरण विद्यापीठाद्वारे गठीत स्थानिय चौकशी समितीने महाविद्यालयास भेट देऊन सादर केलेल्या अहवालात दर्शविलेल्या त्रुटी विहित कालावधीत पूर्ण करण्याच्या अटीवर देण्यात येत आहे. (समितीच्या अहवालाची प्रत सोबत जोडलेली आहे.)

२. विद्यार्थी संख्येचे निकष शासन निर्णय क्र. एनजीसी–१०१३ /(५९१८)/मशि–३, दिनांक १९ जुन, १९९५ प्रमाणे महाविद्यालयाबर बंधनकारक राहतील त्यांचे उल्लंघन झाल्यास शासन निर्णय दि. २१.०१.२००६ नुसार दंडात्मक कार्यवाही करण्यात येईल.

३. विद्यापीठाने विहित केलेल्या निकषानुसार व विद्यापीठ अनुदान आयोगाने विहित केलेल्या शैक्षणिक पात्रतेनुसार महाविद्यालयांनी अध्यापक वर्ग/ कर्मचारी वर्ग नेमणे आवश्यक असून इतर सर्व आवश्यक पायाभुत सोयी उपलब्ध करुन त्याची खात्री विभागीय सहसंचालकांनी करुन विद्यापीठास तसे प्रमाणपत्र देण्याच्या अधिन मान्यता देण्यात येत आहे.

४. उपरोक्त अभ्यासक्रमाची परवानगी प्राचार्य व नियमित शिक्षक भरण्याच्या अटीवर देण्यात येत आहे. प्राचार्य व नियमित शिक्षकांची निुयुक्ती न केल्यास विद्यार्थ्यांना दिलेले प्रवेश रद्द होतील.

५. उपरोक्त महाविद्यालय कायम विना अनुदान तत्वावर सुरु करण्यास आपले महाविद्यालय तयार असून त्या आशयाचे हमीपत्र महाविद्यालयाने विभागीय सहसंचालक (उच्च शिक्षण) नागपूर यांना सादर करण्याचे अटीवर ही मान्यता देण्यात येत आहे.

६. नवीन महाविद्यालयाला प्रथम संलग्निकरण प्रदान केल्यानंतर अध्यापनाचे महाविद्यालयाद्वारा पूर्ण करण्यात येतील अशा आशयाचे शपथपत्र रु. १०० /– च्या गैर न्यायिक मुद्रांकावर सादर करण्याचे अटीवर ही मान्यता देण्यात येत आहे.

७. प्रथम संलग्निकरण प्राप्त झाल्यानंतर ज्या महाविद्यालयांनी वरील नमुद विविध अटी व शर्तींची पुर्तता केली नाही अशा महाविद्यालयांना पुढील निरंतर संलग्निकरण देता येणार नाही व जर अशा महाविद्यालयांनी पुढील सत्रासाठी प्रवेश प्रक्रिया केली तर प्रवेशित विद्यार्थ्यांची परीक्षा विद्यापीठ घेणार नाही व त्याची सर्वस्वी जबाबदारी महाविद्यालयाची राहील.

८. ज्या अभ्यासक्रमाचे अभ्यासक्रमिका, अध्यादेश विद्यापीठात तयार नाही असे अभ्यासक्रम/ विषय महाविद्यालयांनी सुरु करु नये.

९. कायम विना अनुदान तत्वावर संस्थेचे महाविद्यालय आर्थिकदृष्टया चालविणे शक्य व्हावे यासाठी संस्थेने विद्यार्थ्यांकडून विद्यापीठ/ शिक्षण शुल्क समितीने ठरविलेल्या शुल्कानुसारच शुल्क आकारावे.

१०. निरंतर संलग्निकरणाचे आवेदनपत्र दि. ३०.०९.२००९ पर्यंत सादर करण्यात यावे.

११. महाविद्यालयाच्या बांधकामाचे मोजमाप करण्याकरिता अभियंता समिती महाविद्यालयाला भेट देऊन सादर केलेल्या अहवालाच्या अधिन मान्यता देण्यात येत आहे.

१२. वरील सर्व अटींची पुर्तता तसेच पुढील निरंतर संलग्निकरणाकरिता अखिल भारतीय तंत्र शिक्षण परिषद/ राष्ट्रीय अध्यापक शिक्षा परिषद/ बार कौन्सिल ऑफ इंडिया इत्यादी शिखर संस्थांनी घालून दिलेल्या अटींची पुर्तता विहित कालावधीत संस्थेने न केल्यास पुढील संलग्निकरण स्थगित होईल व त्याची सर्वस्वी जबाबदारी महाविद्यालयाची/ संस्थेची राहील याची नोंद घ्यावी.

कृपया कळवे.

आपला

(फु. ख. भगत)
सहायक कुलसचिव (म.वि.)

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering. Mohagaon Nagpur.

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

प्रतिलिपी माहितीकरिता सादर:--

१. मा.संचालक उच्च शिक्षण,महाराष्ट्र राज्य मध्यवर्ती इमारत पुणे.

२. सहसंचालक. (उच्च शिक्षण), नागपूर विभाग,नागपूर.

३. मा.संचालक (म.वि.वि.म.)

४. भा.वित्त व लेखा अधिकारी.

५. मा.परीक्षा नियंत्रक,

६. उपकुलसचिव विद्या विभाग,

७. सहायक कुलसचिव, परीक्षा विभाग,गोपनिय विभाग,व्यावसायिक परीक्षा,परीक्षा व संकलन | र.तु.म.नागपूर विद्यापीठ,नागपूर

८. संबंधित लिपीक, शिक्षक मान्यता, –

९. संबंधित लिपीक, संलग्निकरण शाखा

    यांना विनंती करण्यांत येते की, त्यांनी आपल्या स्तरावर आवश्यक ती कार्यवाही करावी

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राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

क. म.वि./ ६२४ /C(८४)

प्रति,

अध्यक्ष/सचिव,
विदर्भ बहुउद्देशिय शिक्षण संस्था, नागपूर.
व्दारा:— आभा गायकवाड पाटील कॉलेज ऑफ इंजिनिअरींग,
मोहगांव, वर्धा रोड, नागपूर.

विषय :—सत्र २०१०—११ पासून नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना प्रथम संलग्निकरण प्रदान करण्याबाबत.

संदर्भ :— शासन निर्णय क. संकीर्ण—२०१०/(१८८/१०)/तां.शि—४,दिनांक ३० जुलै, २०१०.
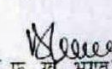
महोदय,

मा कुलगुरुंच्या आदेशानुसार आपणांस कळविण्यात येते की, उपरोक्त संदर्भिकत पत्रानुसार राज्य शासनाने आपल्या संस्थेला सत्र २०१०—११ पासून नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना सुरु करण्यास दिलेल्या परवानगीनुसार व स्थानिय चौकशी समितीच्या केलेल्या शिफारशीस मा. कुलगुरुंनी विद्वत परिषदेच्या वतीने म.वि. अधिनियम १९९४ च्या कलम १४(७) अंतर्गत नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना सत्र २०१०—११ पासून विद्यापीठाचे प्रथम संलग्निकरण खालील अटींच्या अधिन राहून प्रदान केले आहे.

महाविद्यालयाचे नांव	विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडया	प्रवेश क्षमता
आभा गायकवाड पाटील कॉलेज ऑफ इंजिनिअरींग, मोहगांव, वर्धा रोड, नागपूर.	इलेक्ट्रीकल इंजिनिअरींग इलेक्ट्रॉनिक्स ॲण्ड कॉम्युनिकेशन	६० विद्यार्थी ६० वरुन १२० विद्यार्थी प्रवेश क्षमता वाढ

प्रथम संलग्निकरण खालील अटींच्या अधिन प्रदान करण्यात येत आहे.

१. उपरोक्त नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना देण्यात आलेले प्रथम संलग्निकरण विद्यापीठाद्वारे गठीत स्थानिय चौकशी समितीने महाविद्यालयास भेट देऊन सादर केलेल्या अहवालात दर्शविलेल्या त्रुटी विहित कालावधीत पूर्ण करण्याच्या अटीवर देण्यात येत आहे. (समितीच्या अहवालाची प्रत सोबत जोडलेली आहे.)

२. संदर्भिकत शासन परवानगीमध्ये नमूद केलेले संपूर्ण अटींचे पालन संस्थेने/महाविद्यालयाने विहित कालावधीमध्ये पूर्ण करण्याच्या अटीवर संलग्नीकरण देण्यात येत आहे.

३. महाराष्ट्र विद्यापीठ कायदा १९९४ मधील कलम ८२ (५) व ८३ (५) नुसार ही मान्यता शैक्षणिक वर्ष २०१०—११ साठी देण्यात येत आहे. ही मान्यता फक्त शैक्षणिक २०१०—११ पुरतीच मर्यादीत राहील. यावर्षी नवीन विद्याशाखा/अभ्यासक्रम/ विषय/अतिरिक्त तुकडया सुरु न केल्यास ही मान्यता आपोआप रद्द होईल.

४. विद्यापीठाने विहित केलेल्या निकषानुसार व विद्यापीठ अनुदान आयोगाने विहित केलेल्या शैक्षणिक पात्रतेनुसार महाविद्यालयांनी अध्यापक वर्ग/ कर्मचारी वर्ग नेमणे आवश्यक असून इतर सर्व आवश्यक पायाभुत सोयी उपलब्ध करुन त्याची खात्री विभागीय सहसंचालकांनी करुन विद्यापीठास तसे प्रमाणपत्र देण्याच्या अधिन मान्यता देण्यात येत आहे.

५. नवीन व्यावसायिक विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडी मंजुर करण्यात आलेल्या संस्थांनी शैक्षणिक वर्ष २०१०—११ व २०११—१२ मध्ये नॅक ॲक्रेडिएशन प्राप्त करुन घ्यावे व ते या कालावधीत न मिळाल्यास सदर महाविद्यालयाची मान्यता आपोआप रद्द होईल या अटीवर मान्यता देण्यात येत आहे.

६. उपरोक्त अभ्यासक्रमाची परवानगी प्राचार्य व नियमित शिक्षक भरण्याच्या अटीवर देण्यात येत आहे. प्राचार्य व नियमित शिक्षकांची नियुक्ती न केल्यास विद्यार्थ्यांना दिलेले प्रवेश रद्द होतील.

७. उपरोक्त नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडया कायम विना अनुदान तत्वावर सुरु करण्यास आपले महाविद्यालय तयार असून त्या आशयाचे हमीपत्र महाविद्यालयाने विभागीय सहसंचालक (उच्च शिक्षण) नागपूर यांना सादर करण्याचे अटीवर ही मान्यता देण्यात येत आहे.

८. प्रथम संलग्निकरण प्राप्त झाल्यानंतर ज्या महाविद्यालयांनी वरील नमुद विविध अटी व शर्तींची पुर्तता केली नाही अशा महाविद्यालयांना पुढील वर्षाकरीता निरंतर संलग्निकरण देता येणार नाही व जर अशा महाविद्यालयांनी पुढील सत्रासाठी प्रवेश प्रकिया केली तर प्रवेशित विद्यार्थ्यांची परीक्षा विद्यापीठ घेणार नाही व त्यांची सर्वस्वी जबाबदारी महाविद्यालयाची राहील.

९. ज्या अभ्यासक्रमाने अभ्यासक्रमीका, अध्यादेश विद्यापीठात तयार नाही असे अभ्यासक्रम/ विषय महाविद्यालयांनी सुरु करु नये.

१०. कायम विना अनुदान तत्वावर संस्थेस/महाविद्यालय नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना आर्थिकदृष्टया चालविणे शक्य व्हावे यासाठी संस्थेने/महाविद्यालयाने विद्यार्थ्यांकडून विद्यापीठ/ शिक्षण शुल्क समितीने ठरविलेल्या शुल्कानुसारच शुल्क आकारावे.

११. महाविद्यालयाच्या बांधकामाचे मोजमाप करण्याकरीता अभियंता समिती महाविद्यालयाला भेट देऊन सादर केलेल्या अहवालातील अटीच्या अधिन मान्यता देण्यात येत आहे.

१२. वरील सर्व अटींची पुर्तता तसेच पुढील निरंतर संलग्निकरणाकरीता अखिल भारतीय तंत्र शिक्षण परिषद/ राष्ट्रीय अध्यापक शिक्षा परिषद/ बार कौन्सिल ऑफ इंडिया इत्यादी शिखर संस्थांनी घालुन दिलेल्या अटींची पुर्तता विहित कालावधीत संस्थेने न केल्यास पुढील संलग्निकरण स्थगित होईल व त्याची सर्वस्वी जबाबदारी महाविद्यालयाची/ संस्थेची राहील याची नोंद घ्यावी.

१३. महाविद्यालयातील सदर नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडया पुढील वर्षासाठी निरंतर संलग्निकरणाकरीता शुल्कासह आवेदनपत्र दि. ३१ ऑगष्ट पूर्वी विद्यापीठात सादर करावे.

कृपया. कळावे.

आपला

(पु. खे. भगत)

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राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

क.म.वि./१५०२   दिनांक :- २९ ऑगष्ट,२०११

प्रति,

प्राचार्य,
आभा कॉलेज ऑफ इंजिनिअरींग,
मोहगांव, वर्धा रोड, नागपूर. ४४११०८

विषय :- सत्र २०११-१२ पासून नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना प्रथम संलग्निकरण प्रदान करण्याबाबत.
संदर्भ :- शासन निर्णय क्र. संकीर्ण-२०११/(१५७/२०११)/तांशि-४, दिनांक ३० जून, २०११

महोदय,

आपणांस कळविण्यात येते की, उपरोक्त संदर्भांकित पत्रानुसार राज्य शासनाने आपल्या संस्थेला सत्र २०११-१२ पासून नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना सुरु करण्यास दिलेल्या परवानगीनुसार व गठित होणाऱ्या स्थानिय चौकशी समितीच्या शिफारशीच्या अधिनस्थ मा.कुलगुरुंनी विद्वत परिषदेच्या वतीने म.वि. अधिनियम १९९४ च्या कलम १४(७) अंतर्गत नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना सत्र २०११-१२ पासून प्रथम संलग्निकरण खालील अटींच्या अधिन राहून प्रदान करण्यास मान्यता प्रदान केली आहे.

महाविद्यालयाचे नांव	विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडया	प्रवेश क्षमता
आभा कॉलेज ऑफ इंजिनिअरींग, मोहगांव, वर्धा रोड, नागपूर.	१. एम.टेक.- कॉम्प्युटर सायंस अँड इंजिनिअरींग	१८ विद्यार्थी
	२. बी.ई- मेकॅनिकल इंजिनिअरींग	६० विद्यार्थी

प्रथम संलग्निकरण खालील अटींच्या अधिन प्रदान करण्यात येत आहे

१. उपरोक्त नवीन महाविद्यालयाला देण्यात आलेले प्रथम संलग्निकरण विद्यापीठाद्वारे गठित होणाऱ्या स्थानिय चौकशी समितीच्या शिफारशीच्या अधिन राहून प्रदान करण्यात येत आहे.

२. संदर्भांकित शासन परवानगीमध्ये नमूद केलेले संपूर्ण अटींचे पालन संस्थेने/महाविद्यालयाने विहित कालावधीमध्ये पूर्ण करण्याच्या अटीवर संलग्गीकरण देण्यात येत आहे.

३. महाराष्ट्र विद्यापीठ कायदा १९९४ मधील कलम ८२ (५) व ८३ (५) नुसार ही मान्यता शैक्षणिक वर्ष २०११-१२ साठी देण्यात येत आहे. ही मान्यता फक्त शैक्षणिक २०११-१२ पुरतीन मर्यादित राहील. याच्यवर्षी नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडया सुरु न केल्यास ही मान्यता आपोआप रद्द होईल.

४. विद्यापीठाने विहित केलेल्या निकषानुसार व विद्यापीठ अनुदान आयोगाने विहित केलेल्या शैक्षणिक पात्रतेनुसार महाविद्यालयांनी अध्यापक वर्ग/ कर्मचारी वर्ग नेमणे आवश्यक असून इतर सर्व आवश्यक पायाभुत सोयी उपलब्ध करुन त्याची खात्री विभागीय सहसंचालकांनी करुन विद्यापीठास तसे प्रमाणपत्र देण्याच्या अधिन मान्यता देण्यात येत आहे.

५. नवीन व्यावसायिक विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडी मंजूर करण्यात आलेल्या संस्थांनी शैक्षणिक वर्ष २०११-१२ मध्ये नँक अँक्रेडिएशन प्राप्त करुन घ्यावे व ते या कालावधीत न मिळाल्यास सदर महाविद्यालयाची मान्यता आपोआप रद्द होईल या अटीवर मान्यता देण्यात येत आहे.

६. उपरोक्त अभ्यासक्रमाची परवानगी प्राचार्य व नियमित शिक्षक भरण्याच्या अटीवर देण्यात येत आहे. प्राचार्य व नियमित शिक्षकांची नियुक्ती न केल्यास विद्यार्थ्यांना दिलेले प्रवेश रद्द होतील.

७. उपरोक्त नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडया कायम विना अनुदान तत्वावर सुरु करण्यास आपले महाविद्यालय तयार असून त्या आशयाने हमीपत्र महाविद्यालयाने विभागीय सहसंचालक (उच्च शिक्षण) नागपूर यांना सादर करण्याचे अटीवर ही मान्यता देण्यात येत आहे.

८. प्रथम संलग्निकरण प्राप्त झाल्यानंतर ज्या महाविद्यालयांनी वरील नमुद विविध अटी व शर्तींची पूर्तता केली नाही अशा महाविद्यालयांना पुढील वर्षाकरिता निरंतर संलग्निकरण देता येणार नाही व जर अशा महाविद्यालयांनी पुढील सत्रासाठी प्रवेश प्रक्रिया केली तर प्रवेशित विद्यार्थ्यांची परीक्षा विद्यापीठ घेणार नाही व त्याची सर्वस्वी जबाबदारी महाविद्यालयाची राहील.

९. ज्या अभ्यासक्रमाचे अभ्यासक्रमीका, अध्यादेश विद्यापीठात तयार नाही असे अभ्यासक्रम/ विषय महाविद्यालयांनी सुरु करु नये.

१०. कायम विना अनुदान तत्वावर संस्थेस/महाविद्यालय नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडयांना आर्थिकदृष्टया चालविणे शक्य व्हावे यासाठी संस्थेने/महाविद्यालयाने विद्यार्थ्यांकडून विद्यापीठ/ शिक्षण शुल्क समितीने ठरविलेल्या शुल्कानुसार शुल्क आकारावे.

११. महाविद्यालयाच्या बांधकामाचे मोजमाप करण्याकरिता अभियंता समिती महाविद्यालयाला भेट देऊन सादर केलेल्या अहवालातील अटींच्या अधिन मान्यता देण्यात येत आहे.

१२. वरील सर्व अटींशी पूर्तता तसेच पुढील निरंतर संलग्निकरणाकरिता अखिल भारतीय तंत्र शिक्षण परिषद/ राष्ट्रीय अध्यापक शिक्षा परिषद/ बार कौन्सिल ऑफ इंडिया इत्यादी शिखर संस्थांनी घालून दिलेल्या अटींची पूर्तता विहित कालावधीत संस्थेने न केल्यास पुढील संलग्निकरण स्थगित होईल व त्याची सर्वस्वी जबाबदारी महाविद्यालयाची/ संस्थेची राहील याची नोंद घ्यावी.

१३. महाविद्यालयातील सदर नवीन विद्याशाखा/अभ्यासक्रम/विषय/अतिरिक्त तुकडया पुढील वर्षासाठी निरंतर संलग्नीकरणाकरिता शुल्कासह आवेदनपत्र दि. ३१ ऑगस्ट पूर्वी विद्यापीठात सादर करावे.

कृपया कळावे.

आपला

(फु. ख. भगत)
सहायक कुलसचिव (म.वि.)-२-

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प्रतिलिपी माहितीकरिता सादर:—

१. मा.संचालक, उच्च शिक्षण,महाराष्ट्र राज्य मध्यवर्ती इमारत पुणे.

२. मा.सहसंचालक, (उच्च शिक्षण), नागपूर विभाग,नागपूर

३. मा.संचालक (म.वि.वि.म.)

४. मा.वित्त व लेखा अधिकारी

५. मा.परिक्षा नियंत्रक,

६. उपकुलसचिव विद्या विभाग

७. सहायक कुलसचिव, परिक्षा विभाग,गोपनिय विभाग,व्यावसायिक परीक्षा,परीक्षा व चौकशी

८. संबंधित लिपीक, शिक्षक मान्यता

९. संबंधित लिपीक, संलग्निकरण शाखा

रा.तु.म.नागपूर विद्यापीठ,नागपूर.

यांना विनंती करण्यांत येते की, त्यांनी आपल्या स्तरावर आवश्यक ती कार्यवाही करावी.

C:\My Documents\AFFILIATION 2010-11\FIRST AFFILIATION 10-11\NEW COURSE AFFILIATION (1-6-7) 10-11.doc.

राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

(सेंट्रल प्रोव्हिन्सेस शासन, शिक्षण विभागाची अधिसूचना क्रमांक ५१३ दिनांक १ ऑगस्ट, १९२३ द्वारा स्थापित, व महाराष्ट्र विद्यापीठ अधिनियम, १९९४ द्वारा संचलित राज्य विद्यापीठ)

महाविद्यालयीन शाखा

छत्रपती शिवाजी महाराज प्रशासकीय परिसर, रविंद्रनाथ टागोर मार्ग, नागपूर - ४४०००१
दुरध्वनी क्रमांक: ०७१२-२५२९९३२ फॅक्स नं: ०७१२-२५५५७०१, E-mail ID: ar-cs@nagpuruniversity.org

क्र.म.वि./१६२८   दिनांक : **19-07-2014**

प्रती,

प्राचार्य,
आभा गायकवाड पाटील कॉलेज ऑफ इंजिनिअरींग
खसरा ८/१ (पी.एस.के. ७४), मोहगांव, वर्धा रोड ता.- नागपूर शहर, जि.- नागपूर - 441108

विषय :- निरंतर संलग्रिकरण प्रदान करणेबाबत.

महोदय/महोदया,

    महाराष्ट्र विद्यापीठ अधिनियम १९९४ च्या कलम ८३/८६/८७ अंतर्गत आपल्या महाविद्यालयातील चालु अभ्यासक्रमांचे निरंतर संलग्रिकरण सत्र २०१२-१३ व २०१३-१४ करीता वाढविण्यासाठी आपण दि.**17-10-2011** व **05-09-2012** ला पाठविलेल्या अर्जाच्या संदर्भात आपणांस कळविण्यात येते की, स्थानिय चौकशी समितीच्या अहवालास विद्यापीठाच्या विद्वत परिषदेच्या वतीने मा. कुलगुरूंनी महाराष्ट्र विद्यापीठ अधिनियम १९९४ च्या कलम १४(७) अंतर्गत दि.**21-06-2014** ला मान्यता दिली आहे.

    विद्वत परिषदेच्या वतीने स्विकृत केलेल्या शिफारशीनुसार उपरोक्त निरंतर संलग्रिकरणाचा काळ सत्र २०१२-१३ पासून २०१४-१५ पर्यंत खालील अभ्यासक्रमाकरिता वाढविण्यास विद्यापीठाद्वारे मान्यता देण्यात येत आहे.

अ.क्र.	विद्याशाखा	अभ्यासक्रम / विषय	वर्ष
1	अभियांत्रिकी व तंत्रज्ञान	बी.ई. इलेक्ट्रॉनिक्स ॲन्ड कम्युनिकेशन इंजिनिअरिंग[इलेक्ट्रॉनिक ॲन्ड कम्युनिकेशन इंजिनिअरिंग], बी.ई. इन्फॉर्मेशन टेक्नॉलॉजी[माहिती तंत्रज्ञान], बी.ई. इन कॉम्प्युटर सायंस इंजिनीयरींग[संगणक विज्ञान], बी.ई. इन ईलेक्ट्रॉनिक्स इंजि[इलेक्ट्रॉनिक्स अभियांत्रिकी], बी.ई. इन इलेक्ट्रिकल (इ ॲंड पी) इन.[विद्युत (इ व प) अभियांत्रिकी], बी.ई. मेकॅनिकल इंजिनिअरिंग[यांत्रिकी अभियांत्रिकी], एम. टेक. कॉम्प्युटर सायंस ॲन्ड इंजिनीयरींग[कॉम्प्युटर साइंस ॲन्ड इंजिनीयरिंग]	२०१२-१३ ते २०१४-१५ पर्यंत

आपला विश्वासू,

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7/19/2014   Rashtrasant Tukadoji Maharaj Nagpur University
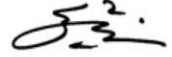
(श्री.सो.भारंबे)
उप कुलसचिव (म.वि.)
रा.तु.म. नागपूर विद्यापीठ,नागपूर

प्रत माहितीकरिता अग्रेषित :-

१. मा.सहसंचालक (अनुदाने) उच्च शिक्षण, नागपूर विभाग, नागपूर.

२. मा. वित्त व लेखा अधिकारी, रा.तु.म. नागपूर विद्यापीठ, नागपूर.

(डॉ.रमण मदने)
सहायक कुलसचिव (म.वि.)
रा.तु.म. नागपूर विद्यापीठ,नागपूर

1/29/2015   Rashtrasant Tukadoji Maharaj Nagpur University

राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

(सेंट्रल प्रोव्हिसेंस शासन, शिक्षण विभागाची अधिसूचना क्रमांक ५१३ दिनांक १ ऑगस्ट, १९२३ द्वारा स्थापित, व महाराष्ट्र विद्यापीठ अधिनियम, १९९४ द्वारा संचलित राज्य विद्यापीठ)

<u>महाविद्यालयीन शाखा</u>

छत्रपती शिवाजी महाराज प्रशासकीय परिसर, रविंद्रनाथ टागोर मार्ग, नागपूर - ४४०००१
दुरध्वनी क्रमांक: ०७१२-२५२९९३२ फॅक्स नं: ०७१२-२५५५७०१, E-mail ID: ar-cs@nagpuruniversity.org

क्र.म.वि./१२२   दिनांक : **29-01-2015**

प्रती,

प्राचार्य,
आभा गायकवाड पाटील कॉलेज ऑफ इंजिनिअरींग
खसरा ८/१ (पी.एस.के. ७४), मोहगांव, वर्धा रोड ता.- नागपूर ग्रामिण, जि.- नागपूर - 441108

विषय :- निरंतर संलग्निकरण प्रदान करणेबाबत.

महोदय/महोदया,

    महाराष्ट्र विद्यापीठ अधिनियम १९९४ च्या कलम ८३/८६/८७ अंतर्गत आपल्या महाविद्यालयातील चालु अभ्यासक्रमांचे निरंतर संलग्निकरण सत्र <u>२०१४-१५</u> करिता वाढविण्यासाठी आपण दि.<u>03-10-2013</u> ला पाठविलेल्या अर्जाच्या संदर्भात आपणांस कळविण्यात येते की, स्थानिय चौकशी समितीने महाविद्यालयास प्रत्यक्ष भेट देवून सादर केलेल्या अहवालावर छाननी समितीने केलेल्या शिफारशीनुसार आपल्या महाविद्यालयाचा खालील प्रमाणे नमुद अभ्यासक्रमांचा निरंतर संलग्निकरण काळ वाढविण्यास विद्यापीठाच्या विद्वत परिषदेने दि.<u>27-11-2014</u> ला मान्यता दिली आहे.

    विद्वत परिषदेने वतीने स्विकृत केलेल्या शिफारशीनुसार खालील प्रमाणे नमुद केलेल्या अभ्यासक्रमांना सत्र <u>२०१४-१५</u> पासून <u>२०१४-१५</u> पर्यंत निरंतर संलग्निकरण प्रदान करण्यात येत आहे.

अ.क्र.	विद्याशाखा	अभ्यासक्रम / विषय	वर्ष
१	अभियांत्रिकी व तंत्रज्ञान	एम.टेक. इनट्रीग्रेटेड पावर सिस्टीम[अभ्यासक्रमाप्रमाणे], एम.टेक. मेकॅनिकल इंजिनिअरींग डिझाइन[अभ्यासक्रमाप्रमाणे]	सत्र २०१४-१५ करिता

आपला विश्वासू,

(डॉ.रमण मदने)
सहायक कुलसचिव (म.वि.)
रा.तु.म. नागपूर विद्यापीठ,नागपूर

प्रत माहितीकरिता अग्रेषित :-

१. मा.सहसंचालक (अनुदाने) उच्च शिक्षण, नागपूर विभाग, नागपूर.
२. मा. वित्त व लेखा अधिकारी, रा.तु.म. नागपूर विद्यापीठ, नागपूर.

(डॉ.रमण मदने)
सहायक कुलसचिव (म.वि.)
रा.तु.म. नागपूर विद्यापीठ,नागपूर

http://onlinebcudrtmnu.org/conti_1415/print_aff_letter_1.php?COLLEGE_ID=EN32751&ref_no=REF/CONTI/2GK5U3   1/1

राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

(सेंट्रल प्रोव्हिन्सेस शासन, शिक्षण विभागाची अधिसूचना क्रमांक ५१३ दिनांक १ ऑगस्ट, १९२३ द्वारा स्थापित, व महाराष्ट्र विद्यापीठ अधिनियम, १९९४ द्वारा संचलित राज्य विद्यापीठ)

महाविद्यालयीन शाखा

छत्रपती शिवाजी महाराज प्रशासकीय परिसर, रविंद्रनाथ टागोर मार्ग, नागपूर - ४४०००१

दुरध्वनी क्रमांक: ०७१२-२५२९९३२ फॅक्स नं: ०७१२-२५५५७०१, E-mail ID: ar-cs@nagpuruniversity.org

क्र.म.वि./१६२४   दिनांक : **19-07-2014**

प्रती,

     प्राचार्य,

     आभा गायकवाड पाटील कॉलेज ऑफ इंजिनिअरींग

     खसरा ८/१ (पी.एस.के, ७४), मोहगांव, वर्धा रोड ता.- नागपूर शहर, जि.- नागपूर - 441108

विषय :- निरंतर संलग्निकरण प्रदान करणेबाबत.

महोदय/महोदया,

     महाराष्ट्र विद्यापीठ अधिनियम १९९४ च्या कलम ८३/८६/८७ अंतर्गत आपल्या महाविद्यालयातील चालु अभ्यासक्रमांचे निरंतर संलग्निकरण सत्र <u>२०१२-१३ व २०१३-१४</u> करीता वाढविण्यासाठी आपण <u>दि.17-10-2011 व 05-09-2012</u> ला पाठविलेल्या अर्जाच्या संदर्भात आपणांस कळविण्यात येते की, स्थानिय चौकशी समितीच्या अहवालास विद्यापीठाच्या विद्वत परिषदेच्या वतीने मा. कुलगुरूंनी महाराष्ट्र विद्यापीठ अधिनियम १९९४ च्या कलम १४(७) अंतर्गत <u>दि.21-06-2014</u> ला मान्यता दिली आहे.

     विद्वत परिषदेच्या वतीने स्विकृत केलेल्या शिफारशीनुसार उपरोक्त निरंतर संलग्निकरणाचा काळ सत्र <u>२०१२-१३</u> पासून <u>२०१४-१५</u> पर्यंत खालील अभ्यासक्रमाकरिता वाढविण्यास विद्यापीठाद्वारे मान्यता देण्यात येत आहे.

अ.क्र.	विद्याशाखा	अभ्यासक्रम / विषय	वर्ष
१	अभियांत्रिकी व तंत्रज्ञान	बी.ई. इलेक्ट्रॉनिक्स एँड कम्युनिकेशन इंजिनिअरिंग[इलेक्ट्रॉनिक एँड कम्युनिकेशन इंजिनिअरिंग], बी.ई. इन्फॉर्मेशन टेक्नॉलॉजी[माहिती तंत्रज्ञान], बी.ई. इन कॉम्प्युटर सायंस इंजिनीयरींग[संगणक विज्ञान], बी.ई. इन ईलेक्ट्रॉनिक्स इंजि[इलेक्ट्रॉनिक्स अभियांत्रीकी], बी.ई. इन इलेक्ट्रिकल (इ अँड पी) इन.[विद्युत (इ व प) अभियांत्रीकी], बी.ई. मेकॅनिकल इंजिनिअरिंग[यांत्रीकी अभियांत्रीकी], एम. टेक. कॉम्प्युटर सायंस एँड इंजिनीयरिंग[कॉम्प्युटर साइंस एँड इंजिनीयरिंग]	२०१२-१३ ते २०१४-१५ पर्यंत

आपला विश्वासू,

5/27/2015   Rashtrasant Tukadoji Maharaj Nagpur University

राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

(सेंट्रल प्रोव्हिन्सेस शासन, शिक्षण विभागाची अधिसूचना क्रमांक ५१३ दिनांक १ ऑगस्ट, १९२३ द्वारा स्थापित, व महाराष्ट्र विद्यापीठ अधिनियम, १९९४ द्वारा संचलित राज्य विद्यापीठ)

<u>महाविद्यालयीन शाखा</u>

छत्रपती शिवाजी महाराज प्रशासकीय परिसर, रविंद्रनाथ टागोर मार्ग, नागपूर - ४४०००१
दुरध्वनी क्रमांक: ०७१२-२५२९९३२ फॅक्स नं: ०७१२-२५५५७०१, E-mail ID: ar-cs@nagpuruniversity.org

क्र.म.वि./११३४   दिनांक : **26-05-2015**

प्रती,

प्राचार्य,
आभा गायकवाड पाटील कॉलेज ऑफ इंजिनिअरींग
खसरा ८/१ (पी.एस.के. ७४), मोहगांव, वर्धा रोड ता.- नागपूर ग्रामीण, जि.- नागपूर - 441108

विषय :- निरंतर संलग्रिकरण प्रदान करणेबाबत.

महोदय/महोदया,

    महाराष्ट्र विद्यापीठ अधिनियम १९९४ च्या कलम ८३/८६/८७ अंतर्गत आपल्या महाविद्यालयातील चालु अभ्यासक्रमांचे निरंतर संलग्रिकरण सत्र <u>२०१५-१६</u> करीता वाढविण्यासाठी आपण दि.<u>10-08-2014</u> ला पाठविलेल्या अर्जाच्या संदर्भात आपणांस कळविण्यात येते की, स्थानिय चौकशी समितीने महाविद्यालयास प्रत्यक्ष भेट देवून सादर केलेल्या अहवालावर छानानी समितीने केलेल्या शिफारशीनुसार आपल्या महाविद्यालयाचा खालील प्रमाणे नमूद अभ्यासक्रमांचा निरंतर संलग्रिकरण काळ वाढविण्यास विद्यापीठच्या विद्वत परिषदेच्या वतीने मा. कुलगुरूंनी महाराष्ट्र विद्यापीठ अधिनियम १९९४ च्या कलम १४(७) अंतर्गत दि.<u>25-05-2015</u> ला मान्यता दिली आहे.

    विद्वत परिषदेच्या वतीने स्विकृत केलेल्या शिफारशीनुसार उपरोक्त निरंतर संलग्रिकरणाचा काळ सत्र <u>२०१५-१६</u> पासून <u>२०१७-१८</u> पर्यंत खालील अभ्यासक्रमाकरिता वाढविण्यास विद्यापीठाद्वारे मान्यता देण्यात येत आहे.

अ.क्र.	विद्याशाखा	अभ्यासक्रम / विषय / प्रवेश क्षमता	वर्ष
1	अभियांत्रिकी व तंत्रज्ञान	बी.ई. इन कॉम्प्युटर सायंस इंजिनीयरींग[अभ्यासक्रमाप्रमाणे]-60 विद्यार्थी, बी.ई. इन्फॉर्मेशन टेक्नॉलॉजी[अभ्यासक्रमाप्रमाणे]-60 विद्यार्थी, बी.ई. इलेक्ट्रॉनिक्स ऍन्ड कम्युनिकेशन इंजिनिअरींग[अभ्यासक्रमाप्रमाणे]-120 विद्यार्थी, बी.ई. इन ईलेक्ट्रॉनिक्स इंजि[अभ्यासक्रमाप्रमाणे]-60 विद्यार्थी, बी.ई. इन इलेक्ट्रीकल (इ ऍंड पी) इन.[अभ्यासक्रमाप्रमाणे]-120 विद्यार्थी, एम.टेक. कॉम्प्युटर सायंस[अभ्यासक्रमाप्रमाणे]-18 विद्यार्थी, बी.ई. मेकॅनिकल इंजिनिअरींग[अभ्यासक्रमाप्रमाणे]-120 विद्यार्थी, एम.ई. वायरलेस कम्युनिकेशन ऍंड कंप्युटींग[अभ्यासक्रमाप्रमाणे]-24 विद्यार्थी, एम.टेक. इलेक्ट्रॉनिक्स ऍन्ड	सत्र २०१५-१६ ते २०१७-१८ पर्यंत

http://onlinebcudrtmnu.org/conti_1516/print_aff_letter.php?COLLEGE_ID=EN32751&ref_no=REF/CON/1516/IYGPVH   1/2

5/27/2015   Rashtrasant Tukadoji Maharaj Nagpur University

कम्युनिकेशन इंजिनिअरिंग[अभ्यासक्रमाप्रमाणे]-24 विद्यार्थी, एम.टेक. इनट्रीग्रेटेड

पावर सिस्टीम[अभ्यासक्रमाप्रमाणे]-24 विद्यार्थी, एम.टेक. मेकॅनिकल इंजिनिअरींग

डिझाइन[अभ्यासक्रमाप्रमाणे]-24 विद्यार्थी

आपला विश्वासू,

(डॉ. अनिल हिरेखन)
उप कुलसचिव (म.वि.)
रा.तु.म. नागपूर विद्यापीठ,नागपूर

प्रत माहितीकरिता अग्रेषित :-

१. मा.सहसंचालक (अनुदाने) उच्च शिक्षण, नागपूर विभाग, नागपूर.

२. मा. वित्त व लेखा अधिकारी, रा.तु.म. नागपूर विद्यापीठ, नागपूर.

(डॉ.रमण मदने)
सहायक कुलसचिव (म.वि.)
रा.तु.म. नागपूर विद्यापीठ,नागपूर

Master Plan of College
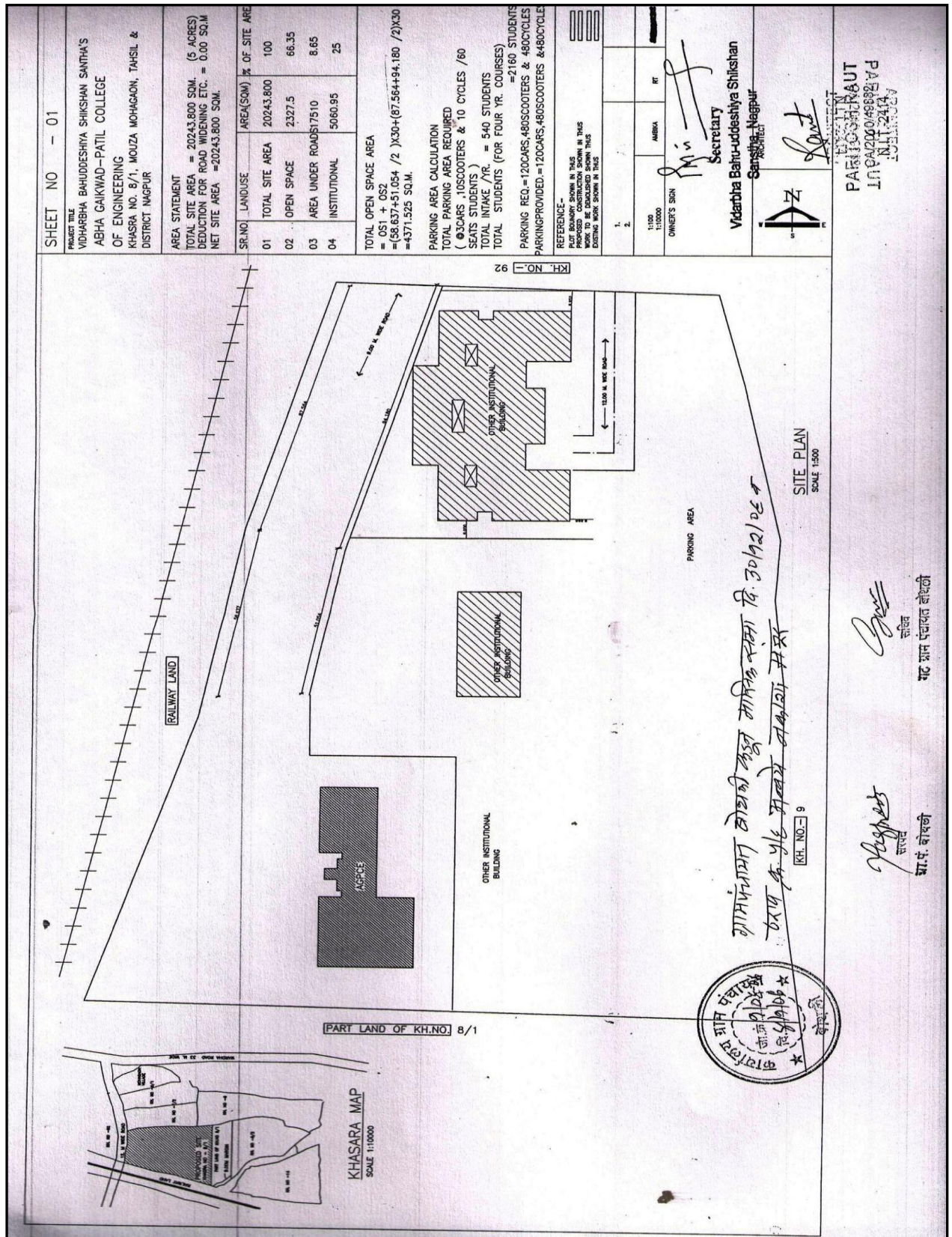
Annexure VIII

Audited Statements of Last Four Years

M. M. BARVE & ASSOCIATES
Chartered Accountants
194, Tara Vilas Apartment,
Dr. Munje Marg, Dhantoli,
Nagpur-440014
Phone - 6500178

AUDITOR'S REPORT

We Have audited the attached Balance Sheet of **ABHA College of Enginnering, Mohagaon, Distt. Nagpur** AS at **31ST March 2013** And The annexed Income & Expenditure Account ended on that date.

These Financial Statements are the responsibility of the Management our responsibility is to express an opinion on these financial statement based on our audit.

We Conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that, we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatements. An audit also includes examining, on a test basis, evidence supporting the amount and disclosure in the financial statements. An audit also includes assessing the accounting principles used in significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

1. We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.

2. In our opinion proper books of accounts are maintained as so far as appears form our examination of such books.

3. the Balance Sheet, Income & Expenditure Account are in agreement with the book of accounts

4. In our opinion and to the best of our information and according to the explanation given to us the said accounts give a true and fair view.

   i) Insofar as it relates to Balance Sheet, of the state of affairs of the organization as at **31st March' 2013** and

   ii) In the case of the Income & Expenditure Account for the deficit for the year ended on that date.

We further report that the organization is following mercantile systems of accounting and the fixed assets are shown at cost in the books of accounts.

Place: Nagpur

Date: 15.06.2013

For: M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

M. M. BARVE
PRORRIETOR

M. M. BARVE & ASSOCIATES
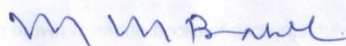CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440013
PHONE NO. (0712) 6500178

ABHA College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
BALANCE SHEET AS ON 31st MARCH'13

Funds & Liabilities	Amount	Amount	Assets & Properties	Amount	Amount
Depreciation Fund (As per Annexure-"AA")		24,823,114.46	**Fixed Assets** (As per Annexure-"AA")		77,368,439.60
Sundry Creditors Other Credit Balances & Provisions (As per Annexure-"BB")	2,936,609.00 13,978,322.00	16,914,931.00	**Sundry Advances &Other Dr. Balances** (As per Annexure-"CC")		8,815,635.00
Punjab National Bank Loan A/c		66,137,598.00	**Cash & Bank Balance:** (As per Annexure-"DD")		1,041,564.00
			Vidarbha Bahu-Uddeshiya Shikshan Sanstha		20,650,004.86
TOTAL Rs.		107,875,643.46	**TOTAL Rs.**		107,875,643.46

PLACE : NAGPUR
DATE : 15/06/2013

AS PER OUR REPORT OF EVEN DATE
M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

M. M. BARVE
PROPRIETOR
MEMBERSHIP NO. 38018

PRINCIPAL
Abha Gaikwad- Patil College of
Engineering, Mohagaon, Nagpur.

M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440013
PHONE NO. (0712) 6500178

ABHA College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
FOR THE PERIOD ENDED ON 31st MARCH'13

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Salaries and Allowances (Refer Annexure C)	70,401,559.00	Fees and Fines (Refer Annexure A)	42,330,000.00
Honararium to Guest Exp	1,211,918.00		
Contingencies (Refer Annexure D)	36,177,513.30	Other Income: (Refer Annexure B)	819,303.00
Interest on Bank Loan	11,229,179.00	Excess of Expenditure over Income (Transfer to Society A/c)	83,065,826.30
Depreciation A/c	7,194,960.00		
TOTAL Rs.	126,215,129.30	TOTAL Rs.	126,215,129.30

PLACE : NAGPUR
DATE : 15/06/2013

38018
NAGPUR

AS PER OUR REPORT OF EVEN DATE
M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

M. M. BARVE
PROPRIETOR
MEMBERSHIP NO. 38018

PRINCIPAL
Abha Gaikwad- Patil College of
Engineering, Mohagaon, Nagpur.

AGPCE, Mohagaon
SEAL
NAGPUR

M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
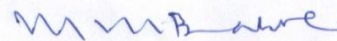DR.MUNJE MARG, DHANTOLI,
NAGPUR -440013
PHONE NO. (0712) 6500178

ABHA College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
M.Tech A/c
FOR THE PERIOD ENDED ON 31st MARCH'13

EXPENDITURE	AMOUNT	INCOME		AMOUNT
Salaries and Allowances (Refer Annexure B)	3,945,861.00	Fees and Fines (Refer Annexure A)		5,810,000.00
Honararium to Guest	517,000.00			
Contingencies (Refer Annexure C)	2,162,806.00			
		Excess of Exp. over Income (Transfer to Society A/c)		1,263,935.00
Depreciation A/c	448,268.00			
TOTAL Rs.	7,073,935.00	TOTAL Rs.		7,073,935.00

PLACE : NAGPUR
DATE :15/06/2013

AS PER OUR REPORT OF EVEN DATE
M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

M. M. BARVE
PROPRIETOR
MEMBERSHIP NO. 38018

PRINCIPAL
Abha Gaikwad- Patil College of
Engineering, Mohagaon, Nagpur.

M. M. BARVE & ASSOCIATES
Chartered Accountants
194, Tara Vilas Apartment,
Dr. Munje Marg, Dhantoli,
Nagpur-440014
Phone - 6500178

AUDITOR'S REPORT

We Have audited the attached Balance Sheet of **ABHA College of Enginnering(M.Tech. Division), Mohagaon, Distt. Nagpur** AS at **31ST March 2013** And The annexed Income & Expenditure Account ended on that date.

These Financial Statements are the responsibility of the Management our responsibility is to express an opinion on these financial statement based on our audit.

We Conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that, we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatements. An audit also includes examining, on a test basis, evidence supporting the amount and disclosure in the financial statements. An audit also includes assessing the accounting principles used in significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
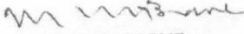
1. We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.

2. In our opinion proper books of accounts are maintained as so far as appears form our examination of such books.

3. the Balance Sheet, Income & Expenditure Account are in agreement with the book of accounts

4. In our opinion and to the best of our information and according to the explanation given to us the said accounts give a true and fair view.

    i)   Insofar as it relates to Balance Sheet, of the state of affairs of the organization as at **31st March' 2013** and
    ii) In the case of the Income & Expenditure Account for the deficit for the year ended on that date.

We further report that the organization is following mercantile systems of accounting and the fixed assets are shown at cost in the books of accounts.

Place: Nagpur

Date: 15.06.2013

For: M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

M. M. BARVE
PRORRIETOR

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

194, TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440013
PHONE NO. (0712) 6500178

ABHA College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
M.Tech A/c
BALANCE SHEET AS ON 31st MARCH'13

Funds & Liabilities	Amount	Assets & Properties	Amount
Depreciation Fund (As per Annexure-"AA")	879,759.00	**Fixed Assets** (As per Annexure-"AA")	3,947,591.00
Sundry Creditors (As per Annexure-"BB")	1,103,511.00	**Sundry Advances &Other Dr. Balances** Tution fee Receivable	1,979,012.00
Other Credit Balances (As per Annexure-"BB")	1,332,631.00		
	-	**Closing Balances** Bank of India	38,047.00
Vidarbha Bahu-Uddeshiya Shikshan Sanstha	2,648,749.00		
TOTAL Rs.	**5,964,650.00**	**TOTAL Rs.**	**5,964,650.00**

PLACE : NAGPUR
DATE :15/06/2013

AS PER OUR REPORT OF EVEN DATE
M. M. BARVE & ASSOCIATES
CHARTERED ACCOUNTANTS

M. M. BARVE
PROPRIETOR
MEMBERSHIP NO. 38018

PRINCIPAL
Abha Gaikwad- Patil College of
Engineering, Mohagaon, Nagpur.

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR - 440012
PHONE NO. (0712) 2447740

AUDITOR'S REPORT

We Have audited the attached Balance Sheet of Abha Gaikwad-Patil College of Enginnering, Mohagaon, Distt. Nagpur AS at 31st March 2014 And The annexed Income & Expenditure Account ended on that date.

These Financial Statements are the responsibility of the Management our responsibility is to express an opinion on these financial statement based on our audit.

We Conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that, we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatements. An audit also includes examining, on a test basis, evidence supporting the amount and disclosure in the financial statements. An audit also includes assessing the accounting principles used in significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

1. We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.

2. In our opinion proper books of accounts are maintained as so far as appears form our examination of such books.

3. the Balance Sheet, Income & Expenditure Account are in agreement with the book of accounts

4. In our opinion and to the best of our information and according to the explanation given to us the said accounts give a true and fair view.

    i)   Insofar as it relates to Balance Sheet, of the state of affairs of the organization as at 31st March' 2014 and

    ii) In the case of the Income & Expenditure Account for the deficit for the year ended on that date.

We further report that the organization is following mercantile systems of accounting and the fixed assets are shown at cost in the books of accounts.

Place: Nagpur

Date: 15.06.2014

For: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur

KBCS & CO.
CHARTERED ACCOUNTANTS

194, TARA VILAS APARTMENTS.
DR. MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
BALANCE SHEET AS ON 31st MARCH'14

Funds & Liabilities	Amount	Amount	Assets & Properties	Amount	Amount
Depreciation Fund (As per Annexure-"AA")		32,250,601.46	Fixed Assets (As per Annexure-"AA")		92,962,683.60
Sundry Creditors	332,591.00		Sundry Advances & Other Dr. Balances		10,220,783.03
Other Credit Balances & Provisions (As per Annexure-"BB")	21,190,390.00	21,522,981.00	(As per Annexure-"CC")		
			Vidarbha Bahu-Uddeshiya Shikshan Sanstha	(51,363,251.03)	38,918,352.48
Loan From Bank			Less:-Excess of Expenditure Over Income	90,281,603.51	
Term Loan A/c no. 500223	36,237,605.60				
Term Loan A/c no. 500224	52,321,690.20	88,559,295.80	Cash & Bank Balance: (As per Annexure-"DD")		231,149.15
TOTAL Rs.		142,332,968.26	TOTAL Rs.		142,332,968.26

PLACE : NAGPUR
DATE : 15/06/2014

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur.

SEAL

304

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH'14

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Salaries and Allowances (Refer Annexure B)	82,794,262.00	Fees and Fines (Refer Annexure A)	49,706,804.00
Honarium to Guest Lecturer	2,995,242.00	Other Income: (As per annexure 'A')	44,080.00
Interest on Term Loan	7,307,543.90		
Contingencies (Refer Annexure C)	39,507,862.61	Excess of Expenditure Over Income (Transferred to Society)	90,281,603.51
Depreciation A/c	7,427,577.00		
TOTAL Rs.	140,032,487.51	TOTAL Rs.	140,032,487.51

PLACE : NAGPUR
DATE : 15/06/2014

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur.

SEAL

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

AUDITOR'S REPORT

We Have audited the attached Balance Sheet of Abha Gaikwad-Patil College of Enginnering (M.Tech. Division), Mohagaon, Distt. Nagpur AS at 31ST March 2014 And The annexed Income & Expenditure Account ended on that date.

These Financial Statements are the responsibility of the Management our responsibility is to express an opinion on these financial statement based on our audit.

We Conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that, we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatements. An audit also includes examining, on a test basis, evidence supporting the amount and disclosure in the financial statements. An audit also includes assessing the accounting principles used in significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

1. We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.

2. In our opinion proper books of accounts are maintained as so far as appears form our examination of such books.

3. the Balance Sheet, Income & Expenditure Account are in agreement with the book of accounts

4. In our opinion and to the best of our information and according to the explanation given to us the said accounts give a true and fair view.

   i) Insofar as it relates to Balance Sheet, of the state of affairs of the organization as at 31st March' 2014 and
   ii) In the case of the Income & Expenditure Account for the deficit for the year ended on that date.

We further report that the organization is following mercantile systems of accounting and the fixed assets are shown at cost in the books of accounts.

Place: Nagpur

Date: 15.06.2014

For: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur.

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
MTech A/c
BALANCE SHEET AS ON 31st MARCH'14

Funds & Liabilities	Amount	Amount	Assets & Properties	Amount	Amount
Depreciation Fund (As per Annexure-"AA")		1,790,653.00	**Fixed Assets** (As per Annexure-"AA")		9,134,269.0
Other Credit Balances & Provisions (As per Annexure-"BB")		3,942,438.00	**Sundry Advances &Other Dr. Balances** Tution fee Receivable	2,477,150.00	2,477,150.0
			Closing Balances Bank of India	156,041.00	156,041.0
Vidarbha Bahu-Uddeshiya Shikshan Sanst Less: - Excess of Expenses over Income	10,145,083.00 4,110,714.00	6,034,369.00			
TOTAL Rs.		11,767,460.00	TOTAL Rs.		11,767,460.00

PLACE : NAGPUR
DATE : 15/06/2014

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering. Mohgaon, Nagpur.

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
MTech A/c
FOR THE YEAR ENDED ON 31st MARCH'14

EXPENDITURE	AMOUNT	INCOME		AMOUNT
Salaries and Allowances (Refer Annexure C)	8,315,407.00	Fees and Fines (Refer Annexure A)		10,661,635.00
Honararium to Guest	1,197,525.00			
Contingencies (Refer Annexure D)	4,348,523.00			
Depreciation A/c	910,894.00	Excess of Expenses over Income		4,110,714.00
TOTAL Rs.	**14,772,349.00**	**TOTAL Rs.**		**14,772,349.00**

PLACE : NAGPUR
DATE : 15/06/2014

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur.

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

SEAL

GAIKWAD-PATIL
GROUP OF INSTITUTIONS

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR - 440012
PHONE NO. (0712) 2447740

AUDITOR'S REPORT

We Have audited the attached Balance Sheet of ABHA College of Enginnering, Mohagaon, Distt. Nagpur AS at 31ST March 2015 And The annexed Income & Expenditure Account ended on that date.

These Financial Statements are the responsibility of the Management our responsibility is to express an opinion on these financial statement based on our audit.

We Conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that, we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatements. An audit also includes examining, on a test basis, evidence supporting the amount and disclosure in the financial statements. An audit also includes assessing the accounting principles used in significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

1. We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.

2. In our opinion proper books of accounts are maintained as so far as appears form our examination of such books.

3. the Balance Sheet, Income & Expenditure Account are in agreement with the book of accounts

4. In our opinion and to the best of our information and according to the explanation given to us the said accounts give a true and fair view.

    i) Insofar as it relates to Balance Sheet, of the state of affairs of the organization as at 31st March' 2015 and
    ii) In the case of the Income & Expenditure Account for the deficit for the year ended on that date.

We further report that the organization is following mercantile systems of accounting and the fixed assets are shown at cost in the books of accounts.

Place: Nagpur

Date: 13.06.2015

For: KBCS & CO.
CHARTERED ACCOUNTANTS

FOR K.B. C. S. & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

M. M. BARVE
M. No. 038018
PARTNER

PRINCIPAL
Abha Gaikwad-Patil College of Engineering. Mohgaon, Nagpur.

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
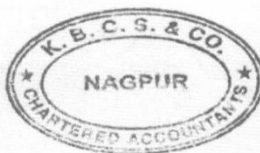DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
BALANCE SHEET AS ON 31st MARCH'15

Funds & Liabilities	Amount	Amount	Assets & Properties	Amount	Amount
Depreciation Fund (As per Annexure-"AA")		42,111,992.46	**Fixed Assets** (As per Annexure-"AA")		113,981,271.60
Sundry Creditors **Other Credit Balances & Provisions** (As per Annexure-"BB")	597,812.00 27,458,033.00	28,055,845.00	**Sundry Advances &Other Dr. Balances** (As per Annexure-"CC")		27,992,090.30
Vidarbha Bahu-Uddeshiya Shikshan Sanstha Less:-Excess of Expenditure Over Income	124,305,611.95 (116,755,055.34)	7,550,556.61			
Loan From Abhyudaya Bank		65,990,363.58	**Cash & Bank Balance:** (As per Annexure-"DD")		1,735,395.75
TOTAL Rs.		143,708,757.65	**TOTAL Rs.**		143,708,757.65

PLACE : NAGPUR
DATE : 13/06/2015

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

FOR K. B. C. S. & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
M. NOMEMBERSHIP NO. 038018
PARTNER. NO. 109255W

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering. Mohgaon, Nagpur.

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH'15

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Salaries and Allowances (Refer Annexure B)	99,368,146.00	Fees and Fines (Refer Annexure A)	53,164,803.00
Honarium to Guest Lecturer	8,375,246.00		
Interest on Term Loan	7,236,103.32		
Contingencies (Refer Annexure C)	45,079,062.02	Excess of Expenditure Over Income (Transferred to Society)	116,755,055.34
Depreciation A/c	9,861,301.00		
TOTAL Rs.	169,919,858.34	TOTAL Rs.	169,919,858.34

PLACE : NAGPUR
DATE : 13/06/2015

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

K.B.C.S. & CO.
NAGPUR
CHARTERED ACCOUNTANTS

AGPCE, Mohgaon
SEAL
NAGPUR

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur.

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

AUDITOR'S REPORT

We Have audited the attached Balance Sheet of ABHA College of Enginnering(M.Tech. Division), Mohagaon, Distt. Nagpur AS at 31ST March 2015 And The annexed Income & Expenditure Account ended on that date.

These Financial Statements are the responsibility of the Management our responsibility is to express an opinion on these financial statement based on our audit.

We Conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that, we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatements. An audit also includes examining, on a test basis, evidence supporting the amount and disclosure in the financial statements. An audit also includes assessing the accounting principles used in significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

1. We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.

2. In our opinion proper books of accounts are maintained as so far as appears form our examination of such books.

3. the Balance Sheet, Income & Expenditure Account are in agreement with the book of accounts .

4. In our opinion and to the best of our information and according to the explanation given to us the said accounts give a true and fair view.

   i) Insofar as it relates to Balance Sheet, of the state of affairs of the organization as at 31st March' 2015 and
   ii) In the case of the Income & Expenditure Account for the deficit for the year ended on that date.

We further report that the organization is following mercantile systems of accounting and the fixed assets are shown at cost in the books of accounts.

Place: Nagpur

Date: 13.06.2015

For: KBCS & CO.
CHARTERED ACCOUNTANTS

For K. B. C. S. & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

M. M. BARVE
M. No. 038018
PARTNER

PRINCIPAL
Abha Gaikwad-Patil College of Engineering, Mohgaon, Nagpur.

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
MTech A/c
BALANCE SHEET AS ON 31st MARCH'15

Funds & Liabilities	Amount	Amount	Assets & Properties	Amount	Amount
Depreciation Fund (As per Annexure-"AA")		2,957,764.00	Fixed Assets (As per Annexure-"AA")		11,578,554.00
Other Credit Balances & Provisions (As per Annexure-"BB")		5,540,305.00	Sundry Advances &Other Dr. Balances Tution fee Receivable RTMNU., Nagpur	4,476,650.00 80,492.00	4,557,142.00
Abhyudaya Bank Term Loan	19,222,418.22		Closing Balances Bank of India		627,414.00
		19,222,418.22	Vidarbha Bahu-Uddeshiya Shikshan Sansth Less: - Excess of Expenses over Income .	6,346,921.34 4,610,455.88	10,957,377.22
TOTAL Rs.		27,720,487.22	TOTAL Rs.		27,720,487.22

PLACE : NAGPUR
DATE : 13/06/2015

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO. K. D. C. S. & CO.
CHARTERED ACCOUNTANTS CHARTERED ACCOUNTANTS

M. M. BARVE
M. M. BARVE M. No. 038018
PARTNER
MEMBERSHIP NO. 038018 PARTNER
F.R. NO. 109255W

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur.

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
MTech A/c
FOR THE YEAR ENDED ON 31st MARCH'15

EXPENDITURE	AMOUNT	INCOME		AMOUNT
Salaries and Allowances (Refer Annexure B)	10,589,542.00	Fees and Fines (Refer Annexure A)		14,840,158.00
Honararium to Guest	913,580.00			
Interest on Term Loan	2,107,813.88			
Contingencies (Refer Annexure C)	4,672,567.00	Excess of Expenses over Income		4,610,455.88
Depreciation A/c	1,167,111.00			
				19,450,613.88
TOTAL Rs.	19,450,613.88	TOTAL Rs.		

PLACE : NAGPUR
DATE : 13/06/2015

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
FOR CHARTERED ACCOUNTANTS
CHARTERED ACCOUNTANTS

M. M. BARVE
M. No. 038018 BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

PRINCIPAL
Abha Gaikwad-Patil College of
Engineering, Mohgaon, Nagpur,

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR - 440012
PHONE NO. (0712) 2447740

AUDITOR'S REPORT

We have audited attached financial statements of the **ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING, Mohagaon, Distt. Nagpur** managed by Vidarbha Bahu-Uddeshiya Shikshan Sanstha,Nagpur as of and for the year ended on 31st March 16. These financial statements are the responsibility of the management of the trust. Our responsibility is to express an opinion on these financial statements based on our audits.

We have conducted our audits in accordance with the auditing standards generally accepted in the India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for the designing audit procedure that are appropriate in the circumstances, an audit also includes examining, on test basis, evidences supporting the amounts and the disclosures in the financial statements, assessing accounting principles used and significant estimates made by the management, as well as evaluating the financial statement presentations. We believe that our audits provide the reasonable basis for our opinion.
On the basis of our audits, report that-

1. We have obtained all the information and explanations, which to the best of our knowledge and belief are necessary for the purpose of Audit and for determination of fees by the Authority.

2. Proper books of accounts as required by law have been kept.

3. The Balance Sheet and Income and Expenditure Account referred to in this report are in agreement with the books of accounts maintained.

4. Mercantile Method of accounting is consistently followed by the institution and there is no change carried out during previous year.

5. AS-17, i.e. Segmental Reporting is not applicable as institution is running **B.E.** course only.

In our opinion and to the best of our information and according to the explanation given to us, the said Financial Statements gives a true and fair view.

a) In so far it relates to Balance Sheet of the State of Affairs of the Trust as on 31st March 2016.

b) In case of Income and Expenditure Account of Deficit for the year ended on 31st March 2016.

Place: Nagpur

Date: 20.06.2016

For: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
BALANCE SHEET AS ON 31st MARCH'16

Funds & Liabilities	Amount	Amount	Assets & Properties	Amount	Amount
Depreciation Fund (As per Annexure-"AA")		52,771,397.46	Fixed Assets (As per Annexure-"AA")		139,023,414.17
Sundry Creditors	2,948,229.00		Sundry Advances &Other Dr. Balances		
Other Credit Balances & Provisions (As per Annexure-"BB")	47,862,212.62	50,810,441.62	(As per Annexure-"CC")		68,450,909.78
Vidarbha Bahu-Uddeshiya Shikshan Sanstha	118,563,028.01				
Less:-Excess of Expenditure Over Income	(87,326,677.64)	31,236,350.37	Cash & Bank Balance: (As per Annexure-"DD")		1,047,974.50
Loan From Abhyudaya Bank		73,704,109.00			
TOTAL Rs.		208,522,298.45	TOTAL Rs.		208,522,298.45

PLACE : NAGPUR
DATE : 20/06/2016

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS,
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH'16

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Salaries and Allowances (Refer Annexure B)	98,113,981.00	Fees and Fines (Refer Annexure A)	81,999,844.00
Honarium to Guest Lecturer	8,167,297.00	Other Income (Refer Annexure A)	578,379.00
Interest on Term Loan	10,012,698.00		
Contingencies (Refer Annexure C)	42,951,519.64	Excess of Expenditure Over Income	87,326,677.64
Depreciation A/c (As per Annexure-"AA")	10,659,405.00		
TOTAL Rs.	**169,904,900.64**	**TOTAL Rs.**	**169,904,900.64**

PLACE : NAGPUR
DATE : 20/06/2016

FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

AUDITOR'S REPORT

We have audited attached financial statements of the **ABHA GAIKWAD-PATIL COLLEGE OF ENGINEERING**, Mohagaon, Distt. Nagpur managed by Vidarbha Bahu-Uddeshiya Shikshan Sanstha,Nagpur as of and for the year ended on 31st March 16. These financial statements are the responsibility of the management of the trust. Our responsibility is to express an opinion on these financial statements based on our audits.

We have conducted our audits in accordance with the auditing standards generally accepted in the India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for the designing audit procedure that are appropriate in the circumstances, an audit also includes examining, on test basis, evidences supporting the amounts and the disclosures in the financial statements, assessing accounting principles used and significant estimates made by the management, as well as evaluating the financial statement presentations. We believe that our audits provide the reasonable basis for our opinion.
On the basis of our audits, report that-

1. We have obtained all the information and explanations, which to the best of our knowledge and belief are necessary for the purpose of Audit and for determination of fees by the Authority.

2. Proper books of accounts as required by law have been kept.

3. The Balance Sheet and Income and Expenditure Account referred to in this report are in agreement with the books of accounts maintained.

4. Mercantile Method of accounting is consistently followed by the institution and there is no change carried out during previous year.

5. AS-17, i.e. Segmental Reporting is not applicable as institution is running **MTech.** course only.

In our opinion and to the best of our information and according to the explanation given to us, the said Financial Statements gives a true and fair view.

a) In so far it relates to Balance Sheet of the State of Affairs of the Trust as on 31st March 2016.

b) In case of Income and Expenditure Account of Deficit for the year ended on 31st March 2016.

Place: Nagpur

Date: 20.06.2016

For: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
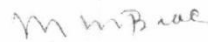F.R. NO. 109255W

KBCS & CO.
CHARTERED ACCOUNTANTS

194, TARA VILAS APARTMENTS,
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
MTech A/c
BALANCE SHEET AS ON 31st MARCH'16

Funds & Liabilities	Amount	Amount	Assets & Properties	Amount	Amount
Depreciation Fund (As per Annexure-"AA")		3,990,528.00	Fixed Assets (As per Annexure-"AA")		11,810,910.00
Other Credit Balances & Provisions (As per Annexure-"BB")		6,427,127.00	Sundry Advances &Other Dr. Balances Tution fee Receivable	11,714,850.00	11,714,850.00
Loans & Advances Abhyudaya Bank Term Loan		11,961,697.00	Closing Balances Bank of India A c 099		186,545.95
Vidarbha Bahu-Uddeshiya Shikshan Sanstl Less: Excess of Income Over Exp.	5,222,387.00 (3,889,433.05)	1,332,953.95			
TOTAL Rs.		23,712,305.95	TOTAL Rs.		23,712,305.95

PLACE : NAGPUR
DATE : 20/06/2016

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

KBCS & CO.
CHARTERED ACCOUNTANTS

194,TARA VILAS APARTMENTS.
DR.MUNJE MARG, DHANTOLI,
NAGPUR -440012
PHONE NO. (0712) 2447740

Abha Gaikwad Patil College of Enginnering
[MANAGED BY Vidarbha Bahu-Uddeshiya Shikshan Sanstha.]
INCOME AND EXPENDITURE ACCOUNT
MTech A/c
FOR THE YEAR ENDED ON   31st MARCH'16

EXPENDITURE	AMOUNT	INCOME		AMOUNT
Salaries and Allowances (Refer Annexure B)	9,822,215.00	Fees and Fines (Refer Annexure A)		14,239,817.00
Honararium to Guest	1,211,370.00	Other Fee (Refer Annexure A)		7,800.00
Interest on Term Loan	1,624,996.00			
Contingencies (Refer Annexure C)	4,445,705.05	Excess of Exp. Over Income		3,889,433.05
Depreciation A/c	1,032,764.00			
TOTAL Rs.	18,137,050.05	TOTAL Rs.		18,137,050.05

PLACE : NAGPUR
DATE : 20/06/2016

AS PER OUR REPORT OF EVEN DATE
FOR: KBCS & CO.
CHARTERED ACCOUNTANTS

M. M. BARVE
PARTNER
MEMBERSHIP NO. 038018
F.R. NO. 109255W

_____

Annexure IX

No Objection Certificate from RTMNU, Nagpur

176-2

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
(Establishment by Government of Central Provinces Education Department by Notification No. 513 Dated the 1ˢᵗ of August, 1923 &
presently a State University governed by Maharashtra Universities Act, 1994)

COLLEGE SECTION

Chhatrapati Shivaji Maharaj Administrative Premises, Ravindranath Tagore Marg, Nagpur. Phone No.0712-2529932, 2522390
Fax No. 0712-2555701, Email ID : infoarcollege@ymail.com

No. RTMNU/C.S./ 5195   Dated : 23/ 01/2017.

NO OBJECTION CERTIFICATE FROM AFFILIATING UNIVERSITY
For Closure of Course

The **Vidarbha Bahu-uddeshiya Shikshan Sanstha, Nagpur** at its Executive Committee Meeting held on **14/08/2016** at Nagpur vide Item No. **02** has resolved to Closure of following Courses run by **Abha Gaikwad –Patil College of Engineering, Mohgoan, Wardha Road, Nagpur- 441 108. (Maharashtra State).**
1) B.E. – Electronics & Communication Engineering (Intake 120)
2) B.E. – Electronics Engineering (Intake 60)
3) B.E. – Information Technology (Intake 60

Vide application Ref. No. AGPCE/2016-17/4605, Dated: 22/08/2016 made by the **Abha Gaikwad–Patil College of Engineering, at Mohgaon, Wardha Road, Nagpur- 441 108**, this is to confirm that the Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur has no objection for closure of Courses.
1) B.E. – Electronics & Communication Engineering (Intake 120)
2) B.E. – Electronics Engineering (Intake 60)
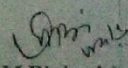3) B.E. – Information Technology (Intake 60)

The University authorities shall add a note here stating,
1. Re-arrangement of current students / students who were admitted in these courses in the previous years and who are trailing due to failures, etc. in the following table.

Course requested for closure	Number of current students	Number of students admitted in these courses in the previous years and who are trailing due to failures			Details about Re-arrangements of students
		2014-15	2015-16	2016-17	
B.E. – Electronics & Communication Engineering (Intake 120)	26	11	02	00	Closure will be done in progressive manner without disturbing the academic arrangements available to regular & failure students of the said course.
B.E. – Electronics Engineering (Intake 60)	02	05	03	00	
B.E. – Information Technology (Intake 60)	16	01	24	00	

2. Current staff strength, re-arrangements and dues, if any shall be settled as per existing norms and regulations on that behalf.

Liabilities, if any, on this count shall be the sole responsibility of the applicant of the Society/Trust and shall be settled as per the rules and regulations as applicable.

(P.M.Biniwale)
Deputy Registrar
(Add. Charge)

_____
No Objection Certificates from Govt. of Maharashtra

A.G.P.E.C. NGPUR
Inward - 1836
Date - 22/02/2017

Government of Maharashtra

No. TEM-2017/(C.R 58)/TE-4
Higher & Technical Education Department,
Mantralaya Annex, Mumbai 400 032,
Dated: 13th February, 2017.

To,
The Member Secretary,
All India Council for Technical Education,
7th floor, Chander Lok Building, Janpath,
New Delhi-110 001.

Sub: Closure of courses from the Academic Year 2017-18
Abha Gaikwad –Patil College of Engineering , Nagpur.

Respected Sir,

The Vidarbha Bahu – uddeshiya Shikshan Sanstha, Nagpur, Maharashtra, vide its executive meeting held on 14.08.2016, at Nagpur Vide item no. 02, have resolved to closure of Electronics & Telecommunication Engineering -120, Electronics Engineering - 60, Information Technology- 60 from the Academic Year 2017-18.

a) Institute name and Address	:	The Vidarbha Bahu – uddeshiya Shikshan Sanstha's Abha Gaikwad-Patil College of Eingineering, Mohgaon, Wardha Road, Nagpur-441 108.
b) Name of closure of courses & intake	:	1.Electronics & Telecommunication Engineering - 120 2. Electronics Engineering - 60 3. Information Technology- 60

Vide application ref. no.AGPEC/DTE/2016-17/4830, dated 22.01.2017 made by the society/trust The Vidarbha Bahu – uddeshiya Shikshan Sanstha's Abha Gaikwad-Patil College of Eingineering, Mohgaon, Wardha Road, Nagpur- 441 108. This is to confirm that, the State Government of Maharashtra has no objection for closure of Electronics & Telecommunication Engineering -120, Electronics Engineering- 60 and Information Technology- 60 at Abha Gaikwad-Patil College of Eingineering, Mohgaon, Wardha Road, Nagpur- 441 108, Maharashtra from the Academic Year 2017-18.

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2. Re-arrangement of current student/students who were admitted in these courses in the previous years and who are trailing due to failures, etc. in the following table

course requested for closure & intake	No.of current students	No. of students admitted in these courses in the previous years and who are trailing due to failures			Details about rearrangement of the students
		2014-15	2015-16	2016-17	
B.E. Electronics & Telecommunication Engineering -120	26	11	02	00	Closure will be done in progressive manner without disturbing the academic arrangements available to regular & failure students of the said courses.
B.E. Electronics Engineering - 60	02	05	03	00	
B.E. Information Technology- 60	16	01	24	00	

3. Current staff strength, re-arrangements and dues, if any shall be settled as per existing norms, regulations on that behalf.

Liabilities if any on this count shall be the sole responsibility of the applicant of the Society/Trust and shall be settled as per the rules and regulations as applicable.

Regards.

Your's faithfully,

(M.M.Morve)
Under Secretary to Government of Maharashtra

CC to :-
1. Regional Officer, Western Regional Office, A.I.C.T.E. Churchgate, Mumbai
2. Director, Directorate of Technical Education, M.S., 3, Mahapalika Marg, Mumbai
3. Registrar, Rashtrasant Tukadoji Maharaj Nagpur University, Chatrapati Shivaji Maharaj Administrative Premises, Ravindranath Tagore Marg, Nagpur.
4. Secretary, The Vidarbha Bahu – uddeshiya Shikshan Sanstha's Abha Gaikwad-Patil College of Eingineering, Mohgaon, Wardha Road, Nagpur- 441 108.

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Abbreviations

AGPCE	Abha Gaikwad Patil College of Engineering
AICTE	All India Council for Technical Education
ARC	Admission Receipt Centre
BE	Bachelor of Engineering
CAD	Computer Aided Design
CBCS	Choice Based Credit System
CBS	Credit Based System
CSE	Computer Science & Engineering
CSI	Computer Society of India
DELNET	Developing Library Network
DTE	Directorate of Technical Education
EDC	Entrepreneurship Development Cell
EE	Electrical Engineering
EOA	Extension of Approval
FDP	Faculty Development Program
GOI	Government of India
GOM	Government of Maharashtra
ICT	Information and Communication Technology
IEEE	Institute of Electrical and Electronics Engineering
IOT	Internet of Things
IPR	Intellectual Property Rights
IPS	Integrated Power System
IQAC	Internal Quality Assurance Cell
ISTE	Indian Society for Technical Education
IT	Information & Technology
LCD	Liquid Crystal Display
LOI	Letter of Intent
M. Tech	Master of Engineering

ME	Mechanical Engineering
MED	Mechanical Engineering Design
MHRD	Ministry of Human Resource Development
MHT-CET	Maharashtra Technical Common Entrance Test
MOU	Memorandum of Understanding
NAAC	National Assessment and Accreditation Council
NOC	No Objection Certificate
NPTEL	National Program on Technology Enhance Learning
NSS	National Service Scheme
OPAC	Online Public Access Catalogue
PG	Post Graduation
PUT	Pre University Test
RTMNU	Rashtrasant Tukadoji Maharaj Nagpur University
SSR	Self Study Report
STTP	Short Term Training Program
SWOC	Strength Weakness Opportunity Challenges
T & P	Training and Placement
TFWS	Tuition Fee Waiver Scheme
TG	Teacher Guardian
UG	Under Graduate