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TULSIRAMJI GAIKWAD-PATIL
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ACADEMIC POLICY



GAIKWAD-PATIL
GROUP OF INSTITUTIONS

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**TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY,
NAGPUR**

1. PRELIMINARY

1.1. Without prejudice to Academic Policies laid down by University Grants Commission, All India Council for Technical Education, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Maharashtra State Board of Technical Education and Government of Maharashtra this document defines the Academic Policy of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur.

2. SHORT TITLE AND COMMENCEMENT

2.1. This Policy shall be called “THE ACADEMIC POLICY OF TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR” (Hereinafter referred to as “ACADEMIC POLICY” for the sake of brevity)

2.2. This Policy shall come into force from the date as notified by the Competent Authority.

2.3. On and from the date of implementation of this Academic Policy all other Academic Policies or practices in the matters covered by this Academic Policy shall stand repealed.

3. COVERAGE

This Academic Policy shall be applicable to all Academic Employees of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur.

4. INTERPRETATION AND REMOVAL OF DOUBT

4.1 In case of ambiguity the Competent Authority shall have the right of interpretation and the interpretation given by the Competent Authority shall be final, binding and conclusive.

4.2 If there is a doubt, the power to remove the doubt vests with the Competent Authority.

4.3 If any matter is not found to be explicitly covered by this Policy it shall be dealt with by the Competent Authority and the decision of the Competent Authority in the matter shall be final, binding and conclusive.

4.4 If there are two or more meanings of a word or a term the general meaning in use shall be given to the particular word or term.

5. AMENDMENT AND MODIFICATION

5.1 Notwithstanding anything included in this Academic Policy, the Competent Authority without prejudice to Academic Policies laid down by University Grants Commission, All India Council for Technical Education, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Maharashtra State Board of Technical Education and Government of Maharashtra shall possess the authority to amend, modify, annul, omit, suspend, or withdraw any of the provisions and inform all the Academic Employees accordingly. These amendments shall have effect from the date specified by the Competent Authority.

6. DEFINITIONS

In this Academic Policy, unless the context otherwise requires:-

1. “Academic Employee” means an employee who is appointed and engaged in Academic work.
2. “Academic Year” means a year declared as Academic Year by the University.
3. “Adhoc Employee” means an employee whether Academic or Non-Academic appointed for particular period and who has temporary status.
4. “Affiliated College” means a college which has been granted affiliation by the University.
5. “All India Council for Technical Education” means All India Council for Technical Education established by Government of India by the Act of 1987.
6. “Appointing Authority” means the authority competent to make appointment of the employees.
7. “Assessment” means the assessment made by the superior authority and external agency.
8. “Board” means Maharashtra State Board of Secondary and Higher Secondary Education, Pune, Maharashtra state Board of Technical Education or any other Board in other states of India which provide education up to and after 12th standard equivalent examination in Maharashtra.
9. “Code of Professional Ethics” means Code of Professional Ethics prescribed by University Grants Commission.
10. “College” means Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur which is affiliated to the Rashtrasant Tukdoji Maharaj Nagpur University situated in the University area or Jurisdiction.

11. "College Development Committee" means the College Development Committee of the College constituted as per section 97 of the Maharashtra Public Universities Act, 2016.
12. "Competent Authority" means College Development Committee, the Governing Body or Principal as the case may be and includes such other authority as may be designated to be so from time to time by College Development Committee or the Governing Body or Head of the College.
13. "Dean" means an Academic Employee designated to be so by the Competent Authority.
14. "De-notified tribes (Vimukta Jaties)" mean tribes declared as such by Government of Maharashtra from time to time.
15. "Department" means a unit teaching a particular subject or a group of subjects in the college as prescribed by the Statutory Authority.
16. "Duty" means the performance of the tasks and assignments entrusted to an employee by the Competent Authority.
17. "Duty Hours" means the clock time from which an employee commences and to clock time when the duty is completed.
18. "Faculty" means the faculty of the College, fulltime or part time or on contract and temporary or permanent or Adhoc basis.
19. "Foundation Society" means a society which is registered or incorporated under any law for registration, and statutory incorporation and which maintains a college which is affiliated to the University/Maharashtra State Board of Technical Education. Here Vidarbha Bahu-uddeshiya Shikshan Sanstha Nagpur is the Foundation Society.
20. "Governing Body" means the Governing Body of a College constituted as per provision in All India Council for Technical Education Act 1987.
21. "Head of Department" means a teacher nominated as such in a Department of the College by the Competent Authority.
22. "Head of the College" means the Principal of the college designated to be so by the Competent Authority.
23. "Higher Education" means the pursuit of knowledge beyond learning at the stage of Higher Secondary School Education.

24. "Management" means the trustees or the Managing or Governing Body, by whatever name called, of any trust under Maharashtra Public Trust Act, 1950 or any Society registered under the Societies Registration Act, 1860 or a Company registered under Section 8 of the Companies Act 2013, under the management of which colleges or other institutions of higher learning, are conducted and admitted to the privileges of the University.
25. "On-contract Employee" means an employee employed for a specific period and for a specific job, under the terms of Contract of Employment.
26. "Other Backward Classes" means and includes such classes or parts of groups within such classes as are declared by the Government of India in relation to the State of Maharashtra from time to time.
27. "Part Time Employee" means an employee who is appointed for a period shorter than working hours of a full time employee.
28. "Permanent Employee" means an employee who has been confirmed in a permanent vacancy in a college by the Competent Authority.
29. "Prescribed" means prescribed by Statutes, or Ordinances or Orders of the Foundation Society.
30. "Principal" means a teacher who is duly appointed and approved as Principal by University and who is Academic and Administrative Head of a College.
31. "Probation" means a specific period granted to an employee appointed against a permanent vacancy after the appointment.
32. "Probational" means an employee employed on probation against a permanent vacancy and who is yet to be confirmed.
33. "Recess" means a time allowed to an employee as break for meal or tea during the working hours as prescribed by the Competent Authority.
34. "Roster" means statement of reservation of Academic Posts for different categories with reference to the prescribed percentage of reservation duly approved by the Statutory Authority.
35. "Sanstha" means Vidarbha Bahu-Uddeshiya Shikshan Sanstha, Nagpur
36. "Scheduled Caste" means such caste, recess or groups within such caste as and deemed to be scheduled caste in relation to the State of Maharashtra under Article 341 of The Constitution of India.

37. "Scheduled Tribes" means such tribes or tribal communities or part or groups within such tribes or tribal community as and deemed to be scheduled tribes in relation to the State of Maharashtra under Article 342 of The Constitution of India residing in any part in the State of Maharashtra.
38. "Selection Committee" means a committee constituted by the University/Management to select candidates for various posts in a College.
39. "Service" means the period during which an employee is on duty and includes the period of his/her authorized sanctioned and permissible absence.
40. "Statute, Ordinance and Regulation" means respectively the statute, ordinance and regulation framed by the University.
41. "Statutory Authority" means All India Council for Technical Education, University Grants Commission, Directorate of Technical Education, Maharashtra State Board of Technical Education, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Maharashtra State Board of Secondary and Higher Secondary Education and Government of Maharashtra.
42. "Student" means an individual who is admitted and enrolled for an Academic Program of the University in a college.
43. "Substantive Appointment" means an appointment made in substantive or permanent capacity in a permanent post, which is vacant or on which another person holds a suspended lien.
44. "Superannuation" means the retirement of an employee after the attainment of such age as prescribed by the Statutory Authority.
45. "Teacher" means full time approved Professor, Associate Professor, Assistant Professor, Principal, Librarian, Director or Instructor of Physical Education in a College.
46. "Temporary Employee" means an employee appointed for a specific period and who is to be terminated at the expiry of specific period.
47. "Tenure Employee" means a person employed for specific tenure under the terms and conditions of tenure employment.
48. "University" means Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
49. "Working Days" means the number of actual teaching days.
50. "Working Hours" means prescribed period of working on each day.

7. TEACHING LEARNING PROCESS

- a. **Class Room Teaching:** The faculty load is adjusted in such a way so as to get enough time to plan a lecture. For effective delivery of the contents, faculty member prepares lecture notes, examples, PPT, etc. The lecture indirectly helps in cultivating abilities of effective communication, spontaneity, proficiency over the subject, and awareness of contemporary issues.
- b. **Collaborative Learning:** The lecture of experts in the field of technology will make students aware with the latest trends. Interaction with expert helps in understanding the importance of life-long learning. It also helps learner to become familiar with the contemporary issues and global scenario of the technology.

The departments are well equipped with knowledgeable Human resources in the form of faculty members who by keeping themselves of developments offer guidance to the prospective professionals in addition to the classroom teaching. The Industry-institute Partnership cell and Entrepreneurship development cell have been putting efforts in this direction

- c. **Project Based Learning:** The analytical skills, design skills, fabrication skills and modeling and simulation as well as testing skills gained by the student can be effectively assessed in project work. The abilities of working in a team, communication and presentation skills, can also be tested in assessment of project work. The assessment of project itself is a major tool to test the attainment of all POs.
- d. **Team Based Learning:** The seminar on selected topic, in consultation with supervisor, at higher level helps the learner to prepare for latest techniques and present it in front of audience. This has direct effect in enhancing his/her proficiencies in technical knowledge as well as in effective communication. The question-answer session after his presentation helps in developing the attitude of thinking out of the box.

The practical session also helps in developing assembling skills, importance of observations, deducing conclusions, verification of theoretical concepts, applications of principles which help in cultivating engineering attitude in students. This also helps in developing team spirit in students.

8. Student Assessment

A. Direct Internal Assessment

The direct assessment methodology is displayed in following table

Direct Assessment Methods	
Assignment, Class and Open Book Test, Tutorial, Mid Term and End Term	<ul style="list-style-type: none">• The assignment, class test and tutorial are qualitative indices designed to assess students' understanding of engineering knowledge and to develop problem solving skills.
Examinations	<ul style="list-style-type: none">• Mid Term and End Term examinations evaluation is given in matrices for assessing the attainment of CO's.• Each examination is objective and descriptive in nature to attain course and program outcomes.
Laboratory Evaluation Oral Evaluation	<ul style="list-style-type: none">• To assess student's practical knowledge with basic theoretical understanding of subjects.• To assess students communication skills and confidence level.
Project Evaluation	<ul style="list-style-type: none">• Project evaluation is done thrice for the final year students to give them practical exposure to achieve course outcomes.

- 1. Assignment:** Course coordinator has to give 3 assignments for each course. Each assignment carries 10 marks for evaluation. Total earned marks (out of 30) will be converted into 3 marks for internal marks calculations. Each assignment consists of 4 questions, each question containing 2 sub-questions. Assignment 1 should cover unit-1, 2; Assignment 2 should cover unit-3, 4 and Assignment 3 should cover remaining two units. The assignment evaluation is done with one viva voce question; each question carries one mark and one marks for assignment viva voce of each unit. The format for assignment evaluation attach herewith.
- 2. Tutorial:** Course coordinator has to give 6 tutorials for each course (one tutorial per unit). Each tutorial carries 10 marks for evaluation. Total earned marks (out of 60) will be converted into 3 marks for internal marks calculations. Every tutorial consists of 5 questions preferably numerical, cross words, case study, etc. covered in individual unit. The format of tutorial evaluation attached herewith.
- 3. Open Book Test:** Course coordinator has to conduct at least two open book test in each semester covering two units of the course out of unit 4, 5 & 6. The test has to be conducted for 20 Marks (each 10) which will be converted into 2 marks for internal marks calculations.
- 4. Multiple Choice Questions (MCQ):** Course coordinator expected to conduct minimum 1 online multiple choice question test in an each semester covering one unit of the course out of unit 4, 5 & 6.

Each test should carry minimum 10 marks.

- 5. Unit Test:** Course coordinator will submit the paper to the exam coordinator of the department. The moderation committee/ program assessment committee will moderate the paper and make the correction, if required and submit the paper for final printing. Unit test conducted on unit-1 for 13 marks which will be converted into 2 marks for internal marks calculations. It will consist of 2 questions each of 13 marks. Student is expected to solve any one question out of two. It will attain one Course Outcome.
- 6. Mid Term Examination:** Course coordinator will submit the paper to the exam coordinator of the department. The moderation committee/ program assessment committee will moderate the paper and make the correction, if required and with the approval of HOD submit the paper for final printing to the exam coordinator. Mid-term examination conducted on two units (preferably Unit 2 & 3) for 26 marks which will be converted into 4 marks for internal marks calculations. It will consist of 4 questions each of 13 marks. Student is expected to solve any two questions out of four as Q1 OR Q2 and Q3 OR Q4. It will attain two Course Outcomes.
- 7. End Term Examination:** Course coordinator will submit the paper to the exam coordinator of the department. The moderation committee/ program assessment committee will moderate the paper and make the correction, if required and with the approval of HOD submit the paper for final printing to the exam coordinator. End-term examination conducted on six units for 80 marks which will be converted into 6 marks for internal marks calculations. It will consist of 10 questions each of 13 marks and 2 questions for 14 marks. Student is expected to solve six questions out of twelve as Q1 OR Q2, Q3 OR Q4, Q5 OR Q6, Q7 OR Q8, Q9 OR Q10 and Q11 OR Q12. It will attain all six Course Outcomes.

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Department of Electrical Engineering

	Assignment	Tutorial	Open Book Test	Unit Test	Mid Term Examination	End Term Examination
Original Mark (OM) Distribution	30	60	30	1 3	26	8 0
Internal Marks Distribution (Out of 20)	3	3	2	2	4	6
Description	1 to 10 –1 11 to 20 –2 21 to 30 –3	1 to 30–1 31 to 45–2 46 to 60–3	1 to 15 –1 16 to 30 –2	1 to 5 –1 6 to 13 –2	1 to 5 – 1 6 to 10 – 2 11 to 16 – 3 Above 16 – 4	1 to 5 – 1 06 to 10 – 2 11 to 20 – 3 21 to 30 – 4 31 to 40 – 5 Above 41– 6
Out of 100	(OM)*3.33	(OM)*1.67	(OM)*3.33	(OM)*7.70	(OM)*3.85	(OM)*1.25

8. Laboratory Evaluation: Most of the lab sessions are handled by 1 teacher in order to have special care for the students while experiments are being handled. A demonstrative presentation is given by the teacher concerned before every experiment. The Laboratory records are evaluated after the experiment is held. In other words, there is active involvement of the members of faculty Pre-experiment stage, at the time of experiment and after the experiment. The experiment records of each student are kept in two formats for continuous evaluation of the student in lab work. Laboratory evaluation is assessing student's practical knowledge with basic theoretical understanding of subject.

9. Oral Examination: Most of the oral examinations are taken by subject teacher in order to have special care for the students while checking experiments as well as assignment. Oral examination is given by the student in front of external examiner and subject teacher of that practical subject. Oral examination is assessing student's communication skills and confidence level.

10. Project Evaluation:

The quality of students projects are based on the following criteria:

- Cost effective (Economical) and benefits accrued.
- Ethical.
- Safe.
- Conservation of environment.
- Application.
- Product development.
- Research input.
- Review of work.
- Standard

The allocation of projects for students is done as follows:

Process for project identification and allotment:

- Students are provided with the brief idea of various fields for selecting the project title in the pre final Semester.
- List of previous year projects is notified to the students to curtail the repetition and to contribute in the extension of previous projects.
- Students are encouraged to carry out few industrial based and also in house projects.
- Students are choosing the project based on their area of interest.
- Projects groups are formed and guides are allocated based on the expertise of the faculty members.
- The department provides necessary hardware and software support.
- Students meet their respective guides weekly and report their progress
- Three progress seminars are required.
- Design and analysis of prototype model is done in final semester.
- Specified software / hardware are tested for usability.
- Continuous evaluations by senior faculty member/ Guide/ HOD are undertaken.
- Implementation phases of Software/hardware /model development is carried out.
- Review and changes suggested by experts are incorporated.
- Demonstration of working prototype model is done
- Conduction of pre submission seminar undertaken.
- Verification of draft report by Guide/Project coordinator and HOD.
- Review of Publication of papers in Journals / Conferences are included in the report and Incentives are given.
- Students are encouraged to take part in project exhibition, to focus and provide common platform to exhibit their excellence in recent trends.
- Final year projects are partly funded by institute in few cases and the best projects are awarded.

Continuous monitoring process and evaluation

- The steps for continuous monitoring and evaluation of student's project are as follows:
- Chosen area literature survey.
- Seminar for project finalization.
- Design and analysis of prototype model.
- Proposed software / hardware specification.
- Continuous evaluations by senior faculty member/ Guide/ HoD.
- Implementation phases of Software/hardware /model development.
- Review and changes suggested by experts.
- Demonstration of working prototype model
- Conduction of pre submission seminar.
- Verification of draft report by Guide/Project coordinator and HoD.
- Publication of papers in Journals / Conferences.
- Display of project in exhibition ,if any
- Responsibility of project Coordinator / Guide for addressing POs and PSOs.
- Implementation Process

The implementation process is initiated by rubrics as shown in Table 2.16.

Internal marks distribution of Project

	1 st Progress Seminar	2 nd Progress Seminar	3 rd Progress Seminar
Original Marks (OM) Distribution	25	25	25
Internal Marks Distribution (out of 75)	25	25	25
Description	Same as OM	Same as OM	Same as OM

Internal marks distribution of Seminar

	1 st Progress Seminar	2 nd Progress Seminar	Final Seminar
Original Marks Distribution	25	25	25
Internal Marks Distribution (out of 50)	15	15	20
Description	1 to 10- 5 11 to 20- 10 21 to 25 - 15	1 to 10- 5 11 to 20- 10 21 to 25 - 15	1 to 10- 10 11 to 20- 11-15 21 to 25 - 16-20



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Wardha Road, Nagpur-441 108

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Department of Information Technology

Progress Seminar Report (Seventh Semester)

Group No.:

Title of the Project:

Sr. No.	Name of Students	Individual assessment		Group Assessment			Total Marks (25 Marks)	Remarks	Signature 1. Guide 2. Expert 3. Coordinator
		Literature Knowledge (5 Marks)	Content Delivery Skill (5 Marks)	Domain Knowledge (5 Marks)	Presentation Skill (5 Marks)	Viva-Voce (5Marks)			
Title Finalization Seminar							Date:		
1	AISHWARYA NARKHEDE							1)	
2	DIVYA DATE							2)	
3	RAJANI ASHTANKAR							3)	
4	ABOLI MORONEY								
5	PRIYANKA SHARMA								
1st Progress Seminar							Date:		
1	AISHWARYA NARKHEDE							1)	
2	DIVYA DATE							2)	
3	RAJANI ASHTANKAR							3)	
4	ABOLI MORONEY								
5	PRIYANKA SHARMA								
2nd Progress Seminar							Date:		
1	AISHWARYA NARKHEDE							1)	
2	DIVYA DATE							2)	
3	RAJANI ASHTANKAR							3)	
4	ABOLI MORONEY								
5	PRIYANKA SHARMA								

NOTE: Excellent (5)

Very Good (4)

Good (3)

Average (2)

Poor (1)

Head of Department



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Department of Information Technology

Progress Seminar Report (Eighth Semester)

Group No.:

Title of the Project:

Sr. No.	Name of Students	Individual assessment		Group Assessment			Total Marks (25 Marks)	Remarks	Signature 1. Guide 2. Expert 3. Coordinator
		Project Knowledge (5 Marks)	Content Delivery Skill (5 Marks)	Progress (5 Marks)	Presentation Skill (5 Marks)	Viva- Voce (5 Marks)			
3rd Progress Seminar							Date:		
1	AISHWARYA NARKHEDE							1)	
2	DIVYA DATE							2)	
3	RAJANI ASHTANKAR							3)	
4	ABOLI MORONEY								
5	PRIYANKA SHARMA								
4th Progress Seminar							Date:		
1	AISHWARYA NARKHEDE							1)	
2	DIVYA DATE							2)	
3	RAJANI ASHTANKAR							3)	
4	ABOLI MORONEY								
5	PRIYANKA SHARMA								
Pre Submission Seminar							Date:		
1	AISHWARYA NARKHEDE							1)	
2	DIVYA DATE							2)	
3	RAJANI ASHTANKAR							3)	
4	ABOLI MORONEY								
5	PRIYANKA SHARMA								

NOTE: Excellent (5)

Very Good (4)

Good (3)

Average (2)

Poor (1)

Head of Department

Assessment of Quality of Major Project (Fourth Year of Bachelor of Engineering)

Sr. No.	Parameter	Poor	Satisfactory	Good	Excellent
1	Usage of Latest Technology (Based on the Literature Survey Papers used and the Latest Trends in the Industry) (5 Mark)	Static Model is developed using Outdated technology in the current scenario and no use of demonstrative model for fundamental understanding. (0 Mark)	The demonstrative model is developed for better understanding of fundamentals and no contribution towards technology development. (1 Mark)	The technology developed in last 10 years is used as basis for modification or development new sector which may be incorporated as product in some automobile sectors. It need not be a unique design. (2-3 Mark)	The technology developed in last 5 years is used for modification or development new sector or completely novel design which can be part of future automotive technology. (4-5 Mark)
2	Algorithm / Experimental setup successfully developed (5 Mark)	The algorithm / experimental model are not developed completely and no formulation of survey based model. (0 Mark)	The algorithm / experimental model is developed partially and it is not tested for any of the predesigned parameters. (1Mark)	The algorithm / experimental model is developed partially and it is tested for only few (1-2 or 50%) predesigned parameters. (2-3 Mark)	The algorithm / experimental model is developed successfully and it is being tested for all predesigned 100% of the parameters by conducting pilot experimentation. (4-5 Mark)
3	Project Report as per the institute format and Maintenance of Project diary (5 Mark)	The Project Report is not compiled and developed completely as per institute format and Project diary is also not Maintained. (0 Mark)	The Project Report is not compiled and developed as per the institute format (less than 59% Criteria) and Project diary is not Maintained. (1 Mark)	The Project Report is compiled and developed as per the institute format satisfying 60% of criteria and Project diary is partially Maintained. (2-3 Mark)	The Project Report is compiled and developed as per the institute format satisfying 100% of criteria and Project diary is neatly Maintained. (4-5 Mark)
4	Devotion, Dedication and Sincerity towards the Project execution (Based on the Attendance in the Project Slot and Progress Seminars) (5 Mark)	The attendance during the project guidance classes is less than 50% and not attended any of the progress (0) seminars during the session. (0 Mark)	Only few project batch mates (1-2 Students) attended the project guidance classes with 50-74% attendance and attended only few progress (2-3) Seminars during the session. No utilization of project mentorship and skills of the respective guide. (1 Mark)	All the project batch mates attended the project guidance classes with 75- 99% attendance and attended only few progress (2-3) seminars during the session.50% utilization of project mentorship and skills of the respective guide. (2-3 Mark)	All the project batch mates attended the project guidance classes with 100% attendance and attended all the progress seminars (5-6) during the session. 100% utilization of project mentorship and skills of the respective guide. (4-5 Mark)
5	Publications of copyright / Patent and participation in inter institutional Project Competitions (5 Mark)	Neither any copyright / Patent is neither developed nor participated in inter institutional project competition. (0 Mark)	No development towards copyright / Patent filing and participated in inter institutional project competition and do not won any of the award / prize. (1 Mark)	Draft of the copyright / Patent are prepared and patent application is in process or participated in inter institutional project competition and won the award / prize (Third or Consolation) in the competition. (2-3 Mark)	At least one copyright / patent is filed based on project or participated in the inter institutional project competition and won the award / prize (First or Second) in the competition (4-5 Mark)

Guidelines for the Assessment:

1. The Project Groups are to be assessed on the above points out of 25 marks.
2. The Marks obtained is to be converted out of 100 for each group.
3. The cumulative percentage is to be calculated based on the number groups in each department.
4. For example, for a Department having 10 Project Groups the Assessment of each group is to be out of 100 and percentage is to be calculated of each group. Also overall assessment of the project is to be done by the cumulative assessment out of 1000 for 10 Project Groups.
5. Below Table demonstrates the example.

Sr. No.	Name of Group	Guide	Marks out of 25	Marks out of 100	Percentage (%)
1	Group I	XYZ	21	84	84
2	Group II	XYZ	19	76	76
...
10	Group X	XYZ	23	92	92
Cumulative Assessment			210	840	84

B. Indirect Internal Assessment (Rubrics)

Indirect Internal Assessment is carried out using rubrics an analytical tool to assess Course Outcome

- Program assessment method
- Alumni Survey
- Employer Survey
- Industry Survey
- Student Exit Survey
- Student Portfolio

Indirect Assessment Methods	
Programme assessment method	The program assessment methodology gathers statistics of students and faculty members participation in various activities viz. ISTE, IE(I) student chapters, NSS, workshops, seminars, conferences, paper presentations, internships, industrial visits and project exhibition attended and organized.
Alumni Survey	Gather the information about the success of the imparted program from the graduates.
Employer Survey	Gather the feedback about graduate's industry relevant skills
Student Exit Survey	To gather the satisfaction level offered by the program.
Student Portfolio	The skills displayed in the portfolios such as <ul style="list-style-type: none">• Student Forum• Sports• NSS• Rotary Club• Mavericks• Cultural club will demonstrate personal characteristics and accomplishment achieved by the students

9. INDOCTRINATION AND INDUCTION PROGRAMS

At the commencement of Academic Year the new Academic Employees shall be required to attend Indoctrination and Induction Programs organized by Head of the College/Institution. In these programs the Academic Employees shall be given information about the College/Institution and the Sanstha. They shall be enlightened about the duties and responsibilities, the Vision and Mission of the College/Institution. The Academic Employees who have joined the College/Institution earlier shall also be required to attend the Program. The duration of the Program shall be one week.

10. WORKING DAYS

14.1. The working days shall exclude holidays and vacations, the time set apart for completing normal admission, time required for the preparation and for conduct of examination but shall include the days on which classes such as lectures, tutorials, seminars, practical's, etc. are held or conducted.

14.2. The total period provided in the timetable for an Academic Employee shall not be less than 40 clock hours a week. The timetable on working days shall be so drawn up that the physical facilities are adequately utilized, and not used only for a few hours a day.

14.3 The College affiliated to University shall not only follow syllabus prescribed for each program by University/Institution but also the manner of its implementation namely, through number of lectures, tutorials, laboratory sessions, seminars, field work, projects, etc.

14.4. The College must adopt atleast 180 working days i.e. there should be a minimum of 30 weeks of actual teaching in a 6-day week. Of the remaining period 12 weeks may be devoted to admission and examination activities and non-instructional days for co-curricular, sports and other functions etc, 8 weeks for vacations and 2 weeks may be attributed to various public holidays.

14.5. The above is summarized as follows:

Activity/Categorization	Number of weeks
Teaching and learning process	30 (180 days) weeks

Admission/Examinations/Preparation for examination	10 weeks
Vacations	10 weeks
Public Holidays (To increase and adjust teaching days accordingly).	02 weeks
Total	52 Weeks

11. WORK LOAD OF ACADEMIC EMPLOYEES

15.1 The work load of the teachers in full employment should not be less than 40 hours a week for 30 working days (180 teaching days) in an Academic Year.

15.2. It should be necessary for a teacher to be available for atleast 05 hours daily in the College.

15.3. Direct teaching-learning process hours should be 16 hours for Assistant Professors and 14 hours for Associate Professors and Professors.

15.4. A relaxation of 02 hours may, however, be given to Professors who are actively involved in extension services and administration. A minimum of 06 hours per week may have to be allocated for research activities of a teacher.

12. CODE OF CONDUCT FOR ACADEMIC EMPLOYEES

Code of Professional Ethics Prescribed by University Grants Commission.

I. Teachers and Their Responsibilities:

Whoever adopts teaching as a profession assumes the obligation to conduct him/her in accordance with the ideal of the profession. A teacher is constantly under the scrutiny of his/her students and the society at large. Therefore, every teacher should see that there is no incompatibility between his precepts and practices. The national ideals of education which have already been set forth and which he/she should seek to inculcate among students must be his/her own ideals. The profession

further requires that the teachers should be calm, patient and communicative by temperament and amiable in disposition.

Teachers should:

- (i) Adhere to a responsible pattern of conduct and demeanor expected of them by the community;
- (ii) Manage their private affairs in a manner consistent with the dignity of the profession;
- (iii) Seek to make professional growth continuous through study and research;
- (iv) Express free and frank opinion by participation at professional meetings, seminars, conferences etc. towards the contribution of knowledge;
- (v) Maintain active membership of professional organizations and strive to improve education and profession through them;
- (vi) Perform their duties in the form of teaching, tutorial, practical, seminar and research work with conscientiously and with dedication;
- (vii) Co-operate and assist in carrying out functions relating to the educational responsibilities of the College, the Board and the University such as : assisting in appraising applications for admission, advising and counseling students as well as assisting the conduct of University, Board and College examinations, including supervision, invigilation and evaluation; and
- (viii) Participate in extension, co-curricular and extra-curricular activities including community service.

II. Teachers and the Students

Teachers should;

- (i) Respect the right and dignity of the students in expressing his/her opinion;
- (ii) Deal justly and impartially with students regardless of their religion, caste, political, economic, social and physical characteristics;

- (iii) Recognize the difference in aptitude and capabilities among students and strive to meet their individual needs;
- (iv) Encourage the students to improve their attainment, develop their personalities and at the same time contribute to community welfare;
- (v) Inculcate among students scientific outlook and respect for physical labor and ideals of democracy, patriotism and peace;
- (vi) Be affectionate to the students and not behave in a vindictive manner towards any of them for any reason;
- (vii) Pay attention to only the attainment of the students in the assessment of the merit;
- (viii) Make themselves available to the students even beyond their class hours and help and guide students without any remuneration or reward;
- (ix) Aid students to develop an understanding of our national heritage and national goals; and
- (x) Refrain from inciting students against other students, colleagues or administration.

III. Teachers and Colleagues

Teachers should:

- (i) Treat other members of the profession in the same manner as they themselves wish to be treated;
- (ii) Speak respectfully of other teachers and render assistance for professional betterment;
- (iii) Refrain from lodging unsubstantiated allegations against colleagues to higher authorities; and
- (iv) Refrain from allowing considerations of caste, creed, religion, race or sex in their professional endeavor.

IV. Teachers and Authorities

Teachers should:

- (i) Discharge their professional responsibilities according to the existing rules and adhere to procedures and methods consistent with their profession initiating steps through their own institutional bodies and/or professional organizations for change of any such rules detrimental to the professional interest;
- (ii) Refrain from undertaking any other employment and commitment including private tuitions and coaching classes which are likely to interfere with their professional responsibilities;
- (iii) Co-operate in the formulation of policies of the Institution by accepting various offices and discharge responsibilities which such offices may demand;
- (iv) Co-operate through their organization in the formulation of policies of the other institutions and accept offices;
- (v) Co-operate with the Authorities for the betterment of the Institutions keeping in view the interest and inconformity with dignity of the profession;
- (vi) Should adhere to the condition of contract;
- (vii) Give and expect due notice before a change of position is made; and
- (viii) Refrain from availing themselves of leave except on unavoidable grounds and as far as practicable with prior intimation, keeping in view their particular responsibility for completion of Academic Schedule.

V. Teachers and Non-Teaching Staff

- (i) Teachers should treat the non-teaching staff as colleagues and equal parameter in a co-operative undertaking, within every educational institution; and
- (ii) Teachers should help in the function of joint staff-councils covering both teachers and the non-teaching staff;

VI. Teachers and Guardians

Teachers should:

- (i) Try to see through teachers' bodies and organizations, that institution maintains contact with the guardians, their students, sends reports of their performance to the guardians whenever necessary and meet the guardians in meetings convened for the purpose for mutual exchange of ideas and for the benefit of the institution.

VII. Teachers and Society

Teachers should:

- (i) Recognize that education is a public service and strive to keep the public informed of the educational programmes which are being provided;
- (ii) Work to improve education in the community and strengthen the community's moral and intellectual life;
- (iii) Be aware of social problems and take part in such activities as would be conducive to progress of society and hence the Country as a whole;
- (iv) Perform the duties of citizenship, participate in community activities and shoulder responsibilities of public offices; and
- (v) Refrain from taking part in or subscribing to or assisting in any activities which tend to promote feeling of hatred or enmity among different communities, religions or linguistic groups but actively work for National Integration;

13. DUTIES AND RESPONSIBILITIES OF ACADEMIC EMPLOYEES

1. Duties and Responsibilities of the Teachers:

The Teachers are required:

- (a) To accord all possible cooperation to the respective Head of the Department in academic, non-academic and extracurricular activities of the College.

- (b) To follow the instructions of the Head of the Department concerned in respect of efforts to ensure maximum admissions;
- (c) To express the views, opinions and options as regards the class and subject allotment to the Head of the Department (The final decision in the matter is in the jurisdiction of the Head of the Department concerned under the control of the Principal);
- (d) To note that the Head of the Department is empowered to take decisions related to all activities (academic, non-academic and extracurricular) under the control of the Principal and to supervise work of all teachers he/she is concerned with;
- (e) To note that Head of the Department concerned is empowered to give instructions to teachers of the department as and when required;
- (f) To accept the substitution directed by Head of the Department caused due to absence of any teacher,
- (g) To submit Annual Teaching Plan at the commencement of the Session to the Head of the Department;
- (h) To maintain Academic Dairy everyday and to get it checked by the Head of the Department concerned every Saturday;
- (i) To attend the meetings convened by Head of the Department every fortnight to take shock and discuss the Academic functioning;
- (j) To express their difficulties and problems to Head of the Department and seek solutions from him/her;
- (k) To ascertain the difficulties and the problems of the students and convey the same to Head of the Department through the class teacher;
- (l) To render all possible cooperation in ensuring maximum attendance of the students in the theory and practical periods;

- (m) To initiate the process of calling out a list of names to establish who is present at the commencement of the period;
- (n) To accord all possible cooperation to Head of the Department for smooth conduct of unit tests, semester examination and all other examinations and perform all examination related activities as per the instructions of Head of the Department concerned;
- (o) To submit application of leave whenever necessary minimum one day in advance to Principal through the Head of the Department concerned;
- (p) To attend all Training Programs and Faculty Development Programs whenever organized;
- (q) To fill in Self Assessment Form and submit the same to Head of the Department by 31st March for onward submission to Principal every year;
- (r) To perform the duties as Teacher-Guardian as instructed by Co-coordinator of the Teacher-Guardian Scheme of the Department;
- (s) To accord all possible cooperation to Head of the Department and Principal in maintaining discipline in the campus;
- (t) To perform all other duties entrusted by Head of the Department and other Authorities; and
- (u) To approach Principal in case of problems and difficulties beyond the jurisdiction of Head of the Department through Head of the Department concerned;

2. Duties and responsibilities of the Class Teachers:

The Class Teachers are required-

- (a) To accord all possible cooperation and assistance to Head of the Department in all activities of the College;
- (b) To implement the procedure of teaching and learning laid down in the Department;
- (c) To monitor Academic working of the class under the control of Head of the Department;
- (d) To ensure that there is no discrimination amongst the students and every student is looked after equally by the teachers;

- (e) To maintain the record of the students of the class concerned with their phone numbers, email id and phone numbers of parents/guardians;
- (f) To know every student of the class and monitor the progress of all the students of the class;
- (g) To discuss with the students about their problems and solve the problems at his/her level. If any problem is beyond the jurisdiction of the class teacher he/she should approach the Head of the Department and with his/her guidance should solve the problem;
- (h) To receive the Applications of the students signed by the guardians/parents/hostel warden and maintain the leave record of the student of the class;
- (i) To communicate the names of the students who remain absent for three consecutive days without permission to the Head of the Department;
- (j) To maintain the discipline and hygienic atmosphere in the class;
- (k) To ensure that the students attend the College in neat, clean and pressed uniform;
- (l) To identify the students who are weak in study in the class and take remedial measures for improvement of such students;
- (m) To identify the students for various committees/chapters/forums and to encourage them to organize various activities;
- (n) To identify the students for hosting the programs and for participation in the competitions held elsewhere;
- (o) To collect outstanding fees from the students at the time of clearance before the examination;
- (p) To help Head of the Department and make him/her aware of the details of the students when internal marks are to be given to the students. In this process the class teacher will provide Head of the Department with statistical information about the students;
- (q) To perform the duties as Teacher-Guardian as instructed by Co-coordinator of Teacher-Guardian Scheme of the Department;

- (r) To perform other duties and responsibilities entrusted by Head of the Department, Principal and other Authorities.

3. Duties and responsibilities of the Head of the Department :

The Heads of the Departments are required:-

- (a) To accord all possible cooperation and assistance to Principal in Academic, Non Academic and Extra-Curricular activities of the College;
- (b) To ensure maximum admission to the college by making all concerted efforts along with other teachers of the College;
- (c) To implement the procedure of teaching and learning laid down in the Department;
- (d) To monitor Academic working throughout the session;
- (e) To seek views from the teachers in the Department regarding class and subject allotment and help Principal in subject and class allotment for the Academic session;
- (f) To ensure that Annual Teaching Plan is received from every teacher in the Department at the commencement of the Academic year for onward submission to Principal;
- (g) To convene the meetings of teachers of the Department concerned every fortnight to ensure that they are keeping pace with the time and following the schedule regularly. If any lacuna is noticed the Head of the Department will report Principal accordingly, discuss with him/her and help him/her in taking final decision in the matter;
- (h) To convene the meetings of teachers concerned to ascertain the problems on the last day of every month and verify the attendance record of the students and report about the same to Principal by the third day of the ensuing month;
- (i) To conduct sessions of interaction with parents/guardians of the students in respect of conduct, attendance and progress of the students;
- (j) To make all possible efforts to ascertain the difficulties of the students and provide with solutions at his/her level. If it is found that certain problems are beyond his/her

- jurisdiction he/she shall report Principal accordingly, discuss with him/her and help him/her take the final decision in the matter;
- (k) To conduct prescribed examinations in the Department with the help of the teachers in the Department;
 - (l) To take stock of the equipments/ material in the Department as and when required and purchase the same through the Principal of the College/Institution by following due procedure;
 - (m) To prepare Budget of the Department and submit the same to Principal of the College and to ensure utilization of the pecuniary provisions made in the Budget;
 - (n) To identify students for different Academic and Extra-curricular activities through the Class Teacher and arrange to send them to the competitions held elsewhere with the permission of the Principal of the College.
 - (o) To conduct different technical and non-technical activities in the Department for the welfare of the students and teachers;
 - (p) To fulfill administrative responsibilities such as forwarding the applications of the leave of the teachers in the Department to the Principal with specific remarks and arrange for substitution in case of teachers who are on leave and to prepare the Time Table of the Department;
 - (q) To ensure that all information in respect of library, college programs, examinations, timetable, etc. is conveyed to the students and teachers well in advance;
 - (r) To ensure that the students attend the theory and practical periods in maximum number. Head of the Department is required to ensure that attendance and performance reports are conveyed to the guardians/parents after every three months;
 - (s) To be responsible for smooth conduct of unit tests, semester examinations and preliminary examinations. He/she shall ensure that all examination related activities

including paper setting, conduct of examination and evaluation are carried out as per the pattern and directions of the University/Board;

- (t) To take feedback about the performance of every teacher in the Department at the end of the semester and submit his/her consolidated confidential report about every teacher to Principal within 8days after the conclusion of semester examination;
- (u) To make all possible efforts to ensure that students abide by the rules and maintain discipline;
- (v) To ensure that Self Assessment Forms of all teachers in the Department or duly filled in and received by him/her by 31st March every year. The Head of the Department is required to forward the same to Principal with his/her remarks by 5th of April every year;
- (w) To check Academic Diary of every teacher in the Department every Saturday,
- (x) To attend the meetings convened by Principal and inform him/her about the Academic and Administrative Activities of the Department;
- (y) To monitor the performance of Teacher Guardian Scheme in the Department;and
- (z) To perform all other duties and responsibilities assigned by the Principal and the Management.

4. Duties and responsibilities of Dean Academics

Deans Academics is required:

- a. To be responsible for implementation of the academic and research policies, as approved by Academic Council for academic development and maintenance of standards of teaching.
- b. To be responsible for the academic development and research development of the Academic Employees in the college/institution and to ensure proper implementation of the decisions of the Academic Council in respect of matters under the purview of the Dean.
- c. To decide upon the grievances of students regarding the enrolment, eligibility, scholarship, research, studentship under the supervision and control of Head of the College/Institution.

- d. To monitor internal academic audit
- e. To prepare and execute the academic calendar
- f. To monitor the teaching- learning process
- g. To analyse the results of university examination and propose corrective measures to Head of the Institution.
- h. To finalize supplementary teaching measures.
- i. To monitor the conduct of internal and external examinations
- j. To monitor the attendance of students in consultation with Heads of the Departments.
- k. To coordinate all academic activities in the college/institution.

5. Duties and responsibilities of Principal

The Principal is required:

- a. To perform the duties as the Executive and Academic Head of the College as per ordinance No.24 (College Code) of Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur/Board of Technical Education.
- b. To be responsible for admission of the students and discipline in the college/institution.
- c. To be responsible for the receipts, expenditure and maintenance of accounts.
- d. To be responsible for the management of the college/Institution library.
- e. To be responsible for the correspondence of the college/Institution
- f. To be responsible for general administration of the college/institution as afflicted to the privileges of the University/Directorate of Technical Education.
- g. To convene the meetings of College Development Committee
- h. To give information of Academic and Non-Academic activities in college/institution to the Management regularly

- i. To make all preparations for the visit of Local Enquiry Committee, Inspection Committees and other committees deputed by University/AICTE/DTE/Council of Architecture and other Statutory Authorities.
- j. To perform all duties in respect of coordination of college/institution with all statutory Authorities.
- k. To monitor the implementation of the Academic policy and Human Resource Policy of the Sanstha.
- i. To monitor the purchase procedure of the college/institution
- j. To initiate the recruitment process and appoint Academic and Non-Academic Employees
- k. To perform all other duties as directed by the Management.

14. CURRICULAR ASPECTS

14.1 The curriculum of the college is given by the affiliating University .The college however, shall work out details for effectively operationalising the given curricula. This process shall involve orientation of the teachers who shall handle the curriculum and proper planning of the transition. This shall necessitate understanding on the various teaching learning practices and their appropriate use. It is observed that there is problem of acquisition of competencies in some students. This problem shall be tackled with by the college by implementing a plan. As per the plan such students shall be identified and remedial measures shall be adopted. The colleges/institutions shall offer some specially designed programs such as elegance, personality development and finishing school. All the stakeholders of the college/institution shall share the responsibility to develop appropriate need based curriculum.

14.2. Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur shall endeavor sincerely to translate the curriculum framework and the specified syllabus by rendering them into practical forms. In this endeavor the main focus shall be on the student attributes and on holistic development of the students so that they would be able to evince multiple skills and qualities. The curriculum needs to be up-to-date and for this certain appropriate changes shall be ushered in the given

curriculum and several inputs shall be provided at the same time and sequentially. This exercise shall be made possible through introduction and use of quality materials which enrich the curriculum and provide concrete referents for organizing the curriculum.

14.3. The process of revision and redesigning of curricula, within limited ambit, shall be based on recent developments and feedback from the stakeholders. The feedback from all stakeholders in terms of its relevance and appropriateness in catering to the needs of society/economy/environment shall also be taken into consideration in this process. The feedback of students is to be taken in a format Specified.

15. RESEARCH, CONSULTANCY AND EXTENSION

15.1. Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur shall have well defined policies, practices as regards research, consultancy and extension. Ardent effort shall be made by all stakeholders to promote research culture. The college shall make honest efforts to motivate the Academic Employees to undertake research projects which are useful to the society. The college has a social responsibility to serve the community through extension activities.

15.2. The process of promoting research culture amongst the members of the teaching staff shall be ensured by facilitating participation in research and related activities, providing resources and other facilities as stated earlier.

15.3. It shall be ensured that support in terms of financial, academic and human resources required is given to an academic employee who desires to do the research. The administrative decisions to enable the teachers to submit projects proposal and/approach funding agencies for mobilizing resources for Research shall be promptly taken by the authority. The college is aware that the researchers who are the members of the teaching staff need support in submitting research projects and securing external funding. In this respect the Management shall evince flexibility and play crucial role in supporting the researcher. The Management shall allow the teachers to avail of the infrastructure and existing

facilities in their research work. Similarly the teachers shall be encouraged to engage themselves in interdepartmental and inter disciplinarily research activities and resource sharing by the Head of the Institution. Besides, the college shall collaborate with other agencies/institutions/research bodies for sharing research facilities and promote collaborative teaching learning.

15.4. Head of the College shall be aware that exploration and reflection are crucial for any academician to be effective in his/her job. Quality research outcome shall be beneficial for the discipline/society/industry/region and the nation. As sharing of knowledge especially theory and practical findings of research is essential wide publicity shall be given by

Principal through various media. The publication of research findings shall enhance the quality of teaching. The Management shall promptly acclaim research efforts of the teachers and appreciation certification shall be given and awards shall be conferred on the teachers who have successfully completed their research projects.

15.5. Activity organized or managed by the Academic Employees of the college for an external agency on the basis of their expertise and the specific knowledge shall always be appreciated by the Management. The finances generated through consultancy shall be fairly utilized by the college. The teachers taking up the consultancy shall be properly rewarded.

15.6. Learning activities have a visible element for developing sensitivities towards community issues, gender disparities, social inequity etc. and in inculcating values and commitment to society. The colleges shall share the benefits mutually from affiliation and interaction with groups or individuals who have an interest in the activities of the college and which have the ability to influence the action, decisions, policies, practices or goals of the college. The Processes and strategies that relevantly sensitize students to the social issues and contexts shall be organized. The promotion shall be accorded by the Management to sustainable practices of college which lead to superior performance and which result in successful outcome in terms of generating knowledge which will be useful for the learners as well as the community. The Management shall be aware that extension is aspect of education which

emphasizes community services. The policy of all stakeholders of the colleges shall be to integrate extension with curricula. This shall result in emergence of extended opportunities to help, serve, reflect and learn. The curriculum-extension interface has an educational value especially in rural India. It shall be the policy of the college to encourage and promote such extension activities.

15.7. The College shall adopt the practice to enter into formal Agreements, sign Memorandum of Understanding with other institutions/agencies/training departments/industrial establishments for training/student exchange, faculty exchange, research, internship, resource sharing etc.

16. STUDENT SUPPORT AND PROGRESSION

16.1. Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur shall make scrupulous efforts to render necessary help to students to acquire meaningful experiences for learning in the campus and to facilitate their holistic development and progression. The performance of the students shall be carefully monitored. All stakeholders shall spare no stone unturned for the progression of students and gainful employment.

16.2. Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur shall have mechanism like Guidance Cell, Grievance Redressal Cell, Placement Cell, welfare Scheme to support students. The specially designed inputs shall be provided to the needy students with learning difficulties. There shall be provision of bridge and value added programs/courses in relevant areas.

16.3. The Management, Principal and Academic Employees shall have concern for student's progression to higher studies/or to employment. The special efforts shall be made to identify the reasons for poor attainment and to plan and implement remedial measures. In order to support the students for optimal progression good practices shall be initiated. The college level provision shall facilitate vertical movement of students from one level of education to next higher level or towards gainful employment.

16.4 The policy of the college shall be to promote inclusive practices for social justice and better stakeholder relationships. The college shall promote value based education for inculcating social responsibility and good citizenry amongst the students. The Principal shall promote active participation of students in social, cultural and leisure activities. He shall encourage students to participate in activities. The participation in activities shall facilitate developing various skills and competencies and foster holistic development.

17. INSTITUTE-INDUSTRY RELATIONSHIP

17.1 The concept of education has undergone a great transformation with the passage of time. Now educational institutions are expected to impart education replete with utility. The students seek admission to institute of technical education with hope that they shall secure good job after the completion of academic program.

17.2. In order to enable the students to secure employment after the completion of academic program all possible efforts shall be made by Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur to make them employable during their studentship.

17.3. Besides the theory lectures and practicals in the laboratories the students shall be encouraged to visit industrial establishments to know the functioning of the industry.

17.4 Similarly the industrialists and expert in technology shall be invited to the college to enlighten the students about all aspects related to industry.

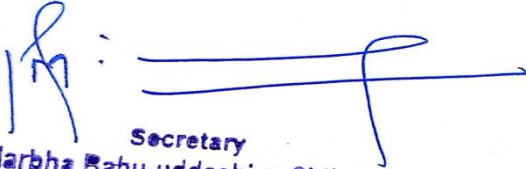
17.5. The students shall be supported to get internship in industries

17.6. Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur shall conduct placement drives in the campus. The HR managers of reputed industries/companies shall come to the campus and interview the students. The students shall be selected and in consequence shall be placed in industry/company.

17.7 Taking into consideration the importance of institute-industry relationship various workshops and seminars shall be organized by the colleges.

18. AFFIRMATION

All stakeholders of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur believe that there is nothing as sacred and pure as knowledge and affirm that they are keen to receive knowledge which shall come from all the corners of the Universe.


Secretary
Vidarbha Bahu-uddeshiya Shikshan
Sanstha, Nagpur


Prin. Anil W. Hood
Executive Director
GPGI, Nagpur.