# TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
**(An Autonomous Institution Affiliated to RTM Nagpur University)**
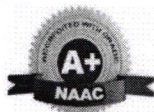
## Academic Council

### 1st Academic Council Meeting

Venue: JRD Tata Hall, TGPCET, Nagpur

Date and Time: 12.02.2022 at 11.30 am onwards

### Meeting Schedule

| Schedule | By |
|---|---|
| Introduction | Anchor |
| Motivational Prayer | All |
| Welcome of Outside Experts | Anchor through Members |
| Opening Remark (5-10 min) | Dr. Geeta Padole-Gaikwad Chairperson, Academic Council |
| **Agenda of Meeting** | |
| 1. To discuss and recommend to the Governing Body for the approval of the Draft copy of Academic Rules & Regulations (UG and PG). | Presentation By: Prof. Anup Gade Member Secretary |
| 2. Proposed scheme for award of degree. | |
| 3. Experts on various BoS and Academic Council. | |
| 4. The Minutes of Meetings of BoS all programmes (UG and PG). | |
| 5. The recommendations of BoS for the course structure and syllabi of First Year (All branches, UG and PG) for 2021-22 batch. | |
| 6. To discuss and recommend to the Governing Body for the approval of the Draft copy of Examination Rules & Regulations (UG and PG). <br> a. Proposed examination scheme. <br> b. Examination Paper format for UG and PG. <br> c. Criteria for paper setter, moderator and examiners. <br> d. Remuneration of paper setter/Moderator/Valuers and internal and external examiners for practicals. <br> e. Format of Grade Card and Answer Sheet. | Presentation By: Prof. Radharaman Shaha Controller of Examination |
| 7. Obtaining inputs from Experts of Academic Council about: <br> a. Multidisciplinary/interdisciplinary/skill development/linguistic courses as per NEP-2020 <br> b. Courses with respect to emerging trends <br> c. Approved PhD Research Center | All Experts |
| 8. Any other point with the permission of Chairperson. | All |
| 9. Concluding Remark | Dr. Prashant S. Kadu |
| 10. Vote of Thanks | Member Secretary |

# TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
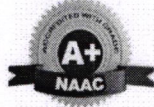**(An Autonomous Institution Affiliated to RTM Nagpur University)**

## Academic Council

The 1st Meeting of the Academic Council was held on 12th February 2022 at 11.30 am. The venue was JRD Tata Hall, TGPCET, Nagpur.

1) The following members were **Present**:-

| Sr. No | Name of the Member | Designation in the Council | Signature |
|--------|--------------------|-----------------------------|-----------|
| 1. | Dr. Geeta Padole-Gaikwad, Principal | Chairperson | Present |
| 2. | Dr. O. G. Kakde, Director, IIIT, Nagpur | Academic Expert | Present |
| 3. | Mr. Manish Sanghavi, Executive Director, Sanghavi Industries Pvt. Ltd., Nagpur | Industry Expert | Present |
| 4. | Dr. S.W. Rajurkar, Associate Professor, Govt. College of Engineering, Chandrapur | Academic Expert | Present |
| 5. | Dr. G. K. Awari, AICTE Margdarshak to the Institute and Head AE, GP Nagpur | Academic Expert | Present |
| 6. | Dr. A. N. Dabhade, Associate Professor and Dean Admission, Kavikulguru Institute of Technology and Science (KITS), Ramtek | VC Nominee | Present |
| 7. | Dr. D. S. Bhowmik, Vice-Principal and Head First Year, Jhulelal Institute of Technology, Nagpur | VC Nominee | Present |
| 8. | Dr. Tushar Shende, Controller of Examination, G H Raisoni Institute of Engineering and Technology, Nagpur | VC Nominee | Present |
| 9 | Dr. Prashant Kadu, Director IIIL, GPGI | Member | Present |
| 10. | Prof. Pragati Patil, Vice-Principal | Member | Present |
| 11. | Prof. RadharamanShaha, Controller of Examinations | Member | Present |
| 12. | Dr. N.V. Chaudhari, HoD, CSE and Dean R & D | Member | Present |

# TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology
Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
**(An Autonomous Institution Affiliated to RTM Nagpur University)**

## Academic Council

| | | | |
|---|---|---|---|
| 13. | Dr. Pravin Tajne,<br>HoD, ECE | Member | Present |
| 14. | Dr. S. S. Rathore,<br>HoD, CE | Member | Absent |
| 15. | Dr. P. V. Thakre,<br>HoD, EE and IQAC Coordinator | Member | Present |
| 16. | Prof. RiteshBanpurkar,<br>HoD, ME | Member | Absent |
| 17. | Dr. Nandkishor Sawai,<br>HoD, AE and Registrar | Member | Present |
| 18. | Dr. Prashant Kshirsagar,<br>HoD, MBA | Member | Present |
| 19. | Prof. Roshan Chandekar,<br>HoD, MCA | Member | Present |
| 20. | Prof. Nadir Hussain,<br>HoD, GE | Member | Present |
| 21. | Prof. SarveshWarjurkar,<br>HoD, IT | Member | Present |
| 22. | Prof. Anup Bagade,<br>HoD, BT | Member | Present |
| 23. | Prof. Sanjay Bhadke,<br>Asst. Professor, CE | Member | Present |
| 24. | Prof. Anup Gade,<br>Dean Academics | Member Secretary | Present |

2) The following members were granted **Leave of Absence**:-

| Sr.<br>No. | Name of the Member | Designation | Reason of<br>Absence |
|---|---|---|---|
| 1. | Dr. S.S. Rathore | Member | Health issue |
| 2. | Prof. Ritesh Banpurkar | Member | Medical issue<br>in family |

**TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology**

Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
**(An Autonomous Institution Affiliated to RTM Nagpur University)**

Academic Council

**1st Academic Council Meeting**

Venue: JRD Tata Hall, TGPCET, Nagpur

Date and Time: 12.02.2022 at 11.30 am onwards

## MINUTES OF THE MEETING

| AC.1.1 | : | **Agenda 1: To discuss & approve the Draft copy of Academic Rules and Regulations (UG and PG)** |
|---|---|---|
| | | **Discussion held & Suggestions given –** |
| | | 1.1.1   Dr. O.G. Kakde has suggested to call Industry based Project as Research / Industry/In-house Internship. |
| | | 1.1.2   Dr. G.K. Awari has suggested to develop separate policy for filling institute level seats (20%) besides Centralize Admission Process (CAP). |
| | | 1.1.3   Dr. A.N. Dabhade has raised a concern related to award of marks in Class Assessment, he suggested to have some marks to assignments & also some incentive marks to students having attendance more than 90% where in after discussion it has been decided that no marks for attendance should be given as an incentive. |
| | | 1.1.4   Dr. S.W. Rajurkar has suggested regarding course outcomes. COs for Theory & Practical of a course should not be separate. Try to map all specified COs using both Theory as well as Practical in combination. |
| | | 1.1.5   Dr. Manish Sanghavi and Dr. Tushar Shende suggested to frame policy to provide special permission to students to continue their 7th semester industry internship in 8th semester as well, on the recommendation of that particular industry based on his good performance. |
| | | 1.1.6   Electives & Minor courses offered should be mostly industry oriented |
| | | 1.1.7   Dr. Shende insisted to avoid internal choice of 100% in Question paper, as student may leave one complete topic. |
| | | 1.1.8   Dr. Kakde, Dr. Shende and Dr. D.S. Bhomik added that policy for students failing in ESE, Re-Sit continuously even after multiple attempts. Permit them to reselect another course in replacement. |
| | | 1.1.9   Dr. Awari has raised a concerned related to methodology for failure students wherein Dean Academics has explained methodology of the institute which consist of remedial classes (minimum two weeks) for students followed by one mock test and then re-sit examination will be conducted. It was accepted by the gathering. Dr. Kakde suggested to allow students to register for Honors/Minors after 1st year itself so that |

## TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology
Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
### (An Autonomous Institution Affiliated to RTM Nagpur University)
Academic Council

| | | |
|---|---|---|
| | | they will get enough time to earn required no. of credits. |
| | | 1.1.10 Dr. Kakde and Dr. Shende suggested to think for separate summer term for failure students (which is compact in nature i.e. 45 days) to avoid their academic loss. Dr. Geeta Padole-Gaikwad and Dr. Prahant Kadu mentioned that institute will work on it and it will be added to avoid the academic loss of the students. |
| | | **Resolution 1:** The Academic Council has resolved to approve the draft of academic regulations made by the institution by adding above suggestions and it can be ratified for further processing. |
| AC.1.2 | : | **Agenda 2: Proposed scheme for Award of Degree** |
| | | **Discussion held & Suggestions given –** <br> 1.2.1 Every student will have too much flexibility for 90 credits criteria, combinations will be very high & difficult to maintain. Dr. Tushar Shende was having view that choice of 2 courses per semester for Award of Degree is not required. Dr. O.G. Kakde was having view that by such choice of 2 courses, the student's performance evaluation based on remaining courses will be excluded. <br> 1.2.2 The criteria for Award of Degree should not be complicated for university too. |
| | | **Resolution 2:** The Academic Council has resolved to avoid this particular part in order to keep the system simplified. |
| AC.1.3 | : | **Agenda 3: Compositions of Board of Studies of all branches** |
| | | **Discussion held & Suggestions given –** <br> 1.3.1 Dr. Kakde has raised a concern that Chairman of Board of Studies should be Doctorate person only. In case of IT, senior faculty from CSE can be made BoS Chairman of IT. <br> 1.3.2 1st Year UG BoS Chairman and Academic Council Chairman should not be the same person. |
| | | **Resolution 3:** The Academic Council has resolved to approve BoS and AC compositions made by the institution as per the guidelines of the UGC by inculcating the above suggestions. |
| AC.1.4 | | **Agenda 4: Scheme of UG and PG (All branches, UG and PG) along with the BoS recommendations in its meetings** |
| | | **Discussion held & Suggestions given –** <br> 1.4.1 The Academic Council approves that only the scheme of all semesters (UG and PG) along with syllabus of only 1st year is submitted in this meeting |

**TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology**

Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
**(An Autonomous Institution Affiliated to RTM Nagpur University)**

Academic Council

| | | |
|---|---|---|
| | 1.4.2 | Dr. Kakde has suggested to keep M. Tech students free in second year so that they can focus on their project and even they can have their project in industry or research organization or even in institute. |
| | 1.4.3 | CSE, curriculum should specify academic activity instead of extracurricular activities in UG 8th semester added Dr. Kakde. |
| | 1.4.4 | CSE, instead of directly giving 2 credits in 8th Semester, give 0.5 credits per semester in previous 2nd & 3rd year onwards itself, mentioned Dr. Shende. |
| | 1.4.5 | CSE, in PG 3rd semester why only MOOCs/Swayam restriction? Give some option, MOOC as well as departmental course option. Parallel to MOOCs courses specify in-house courses suggested Dr. Kakde and Dr. Awari. |
| | 1.4.6 | CSE, why PG 2nd semester has Research Methodology in practical, all experts have suggested to cover it in theory. Prof. Pragati Patil informed the gathering that their suggestions will be well taken it will be updated. |
| | 1.4.7 | EE, Smart Grid, Smart metering, Cyber Physical Security, Nonlinear Control, Dynamic Pricing should be included in Electrical Engineering syllabus added Dr. Kakde. |
| | 1.4.8 | In EE, Electrical Engineering Mathematics is like advanced engineering mathematics specific to electrical engineering better to name it Applied Electrical Engineering Mathematics. So, panel suggested that it should have different code, different paper setting and different valuation. |
| | 1.4.9 | EE, as tutorials are more in the syllabus, make sure that tutorials should be taught like tutorial only and not like regular classes mentioned critically by Dr. Awari. |
| | 1.4.10 | CE, add some courses like Data analytics and sensor application. |
| | 1.4.11 | CE, Change the name of subject Survey-II as Advanced Surveying added Dr. Dabhade. |
| | 1.4.12 | CE, make the specific syllabus for Surveying and Geometrics course added Dr. Shende and Dr. Dabhade |
| | 1.4.13 | CE, add some excel related software in Estimating and Costing, said Dr. Kakde. |
| | 1.4.14 | In IT, Use reverse engineering while designing the course curriculum, first map PO, then design curriculum, according to it make syllabus in new way & not in traditional way, mentioned Dr. Kakde. |
| | 1.4.15 | IT, Salesforce certification program needs to be taken at UG level, if possible, suggested Dr. Awari looking at the popularity of the technology. |
| | 1.4.16 | IT infrastructure should be included in course, advised by Dr. Kakde. |

TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology
Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
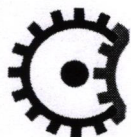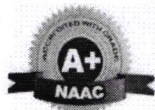Approved by AICTE, New Delhi, Govt. of Maharashtra
(An Autonomous Institution Affiliated to RTM Nagpur University)
Academic Council

| | | |
|---|---|---|
| | | 1.4.17 ECE, Program Electives need not be mandatory to follow the basket. Let students choose the subject if one wish to change the track. |
| | | 1.4.18 MCA, please relook the addition of Research Methodology in MCA curriculum, curriculum should be Learner-centric & not faculty-centric, added Dr. Kakde. |
| | | 1.4.19 MBA, Salesforce (Business Analytics) can be added from UG – CSE/IT streams to MBA as a specialization course, suggested by Dr. Bhowmik. |
| | | 1.4.20 Mechanical, subjects related to Electric Vehicles, Smart Vehicle Technology, Autonomous vehicles needs to be added in the curriculum looking into the policies of Government of India, added by Dr. Awari. |
| | | 1.4.21 Aeronautical, try to add separate software and laboratory for Computational Fluid Dynamics, suggested by Dr. Kakde. |
| | | 1.4.22 Aeronautical, workout assessment parameters for Aero-modeling course(practical), suggested by Dr. Rajurkar. |
| | | 1.4.23 Biotechnology, IPR subject in 7th semester? It should not be mandatory. Its contents can be delivered through workshops, suggested by Dr. Shende. |
| | | 1.4.24 Biotechnology and Aeronautical should collaborate with industries for laboratory development insisted by all the experts unanimously. |
| | | 1.4.25 Science & Humanities, think of courses like Data Analytics and incorporate domain specific contents, added by Dr. Kakde. |
| | | 1.4.26 Science & Humanities, Engineering Mechanics can be removed (if required) for CSE, IT but not for CE, ME, suggested by Dr. Kakde. |
| | | 1.4.27 Science & Humanities, who will take responsibility of Audit Courses and what will be there assessment parameters? Asked by Dr. Shende wherein Dean Academics has cleared his doubt, he informed that ownership will be given to one department and faculty from that department will take care of that particular audit course. |
| | | 1.4.28 Dr. Shende was curious about assessment of audit courses on which Dean Academics has cleared his doubt by replying that assessment of audit courses will be done through MCQ from its result will be either 'Satisfactory' or 'Non Satisfactory' and it will reflected in grade cards. |
| | | **Resolution 4:** The Academic Council has resolved to approve Agenda 4 with these suggestions incorporated & submitted before Governing Body (GB) for approval and ratification. |
| AC.1.5 | | **Agenda 5: To discuss and approve the Draft copy of Examination Rules & Regulations (UG and PG)** |

**TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology**
Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
**(An Autonomous Institution Affiliated to RTM Nagpur University)**
Academic Council

**Discussion held and Suggestions given –**

a. Proposed examination scheme.
b. Examination Paper format for UG and PG.
c. Criteria for paper setter, moderator and examiners.
d. Remuneration of paper setter/Moderator/Valuers and internal and external examiners for practical.
e. Format of Grade Card and Answer Sheet.

1.5.1 Add points from AICTE Exam Reforms policy in Question Paper formation.

1.5.2 Add instructional guidelines for paper setters based on Bloom's Taxonomy. Reframe the question paper pattern to show clear depiction of difficulty level & BT level, added by Dr. Awari and Dr. Kakde.

1.5.3 Prepare policy for bringing transparency in question paper setting and answer sheet valuation, mentioned by Dr. Shende.

1.5.4 Keep only 1 valuer to evaluate 100% answer sheets of a particular subject. Don't keep 2 separate valuers. Discard 50-50 policy, suggested by Dr. Shende and Dr. Kakde.

1.5.5 Devise a mechanism for fair and valid Question paper Grievance Redressal, suggested by Dr. Kakde and Dr. Rajurkar.

1.5.6 Do not use the term A.T.K.T in your rule book suggested by Dr. Kakde.

1.5.7 Practical grades can be as per marking scheme, added by Dr. Shende looking at mathematical part.

1.5.8 Prepare a policy for selection of maximum number of Backlog + Regular subjects in a single attempt. Design Sample Part, suggested by Dr. Awari.

1.5.9 Guidelines for recommending Penalties and Punishments are too short. Prepare an Internal Committee and let them finalize the final policy and it should not have anything related to monetary part, suggested by Dr. Kakde.

1.5.10 COE and Dy. COE shall not have separate remuneration for conduction of examination as per University regulations, mentioned by Dr. Shende on the contrary they can give some fix incentive as per the policy of the UGC and institute.

1.5.11 For security and validity purpose, use QR code or Bar code instead of using student photo in the Grade Card.

1.5.12 Update the design of Grade card by incorporating all the suggestions including part of holistic development, added by Dr. Awari.

1.5.13 Dr. Kakde suggested to prepare a policy on priority basis for course/exam registration, late registration, late fine & penalty.

**TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology**

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

**(An Autonomous Institution Affiliated to RTM Nagpur University)**

Academic Council

| | | |
|---|---|---|
| | | **Resolution 5:** The Academic Council has resolved to approve the agenda by incorporating the suggestions given. |
| AC.1.6 | | **Agenda 6: To discuss and obtain inputs from Experts of Academic Council about:**<br>a. Multidisciplinary / interdisciplinary / skill development / linguistic courses as per NEP-2020<br>b. Courses with respect to emerging trends<br>c. Approved PhD Research Center |
| | | **Discussion held and Suggestions given :**<br>1.6.1 The panel has suggested to work on the requirements of the above things as per the availability of resources and demand of time they should proceed.<br>1.6.2 The gathering has suggested to work and study the overall situation before moving ahead.<br>1.6.3 Dr. Bhowmik has added that the institute should have 12B and permanent affiliation for PhD Research Center wherein Dr. Kadu has informed about institutes preparation about fulfilling above criteria. |
| | | **Resolution 6:** The Academic Council has resolved to approve the above mentioned agenda. |

Dr. Prashant Kadu, Director IIIL, GPGI has given the concluding remark and assured the gathering on behalf of the Principal and Management that the institute will implement suggestions of the experts. The Meeting ended with the Vote of Thanks by the Member Secretary Prof. Anup Gade to all Academic, Industry Experts, VC Nominees, Chairperson, Internal Stake holders and Management of the institute.

**Member Secretary**
**Academic Council**

**Dean Academics**
Tulsiramji Gaikwad-Patil
College Of Engineering
and Technology, Nagpur

**Chairperson**
**Academic Council**
Principal
Tulsiramji Gaikwad - Patil College Of
Engineering & Technology
Nagpur

*******