



No. F/AC/1/ MT/25-26/3

15.07.2025

Minutes of Meeting

Meeting Details:

Objective: Meeting of Academic Council (AC) No. **AC.2425.1**

Date: Saturday, May 10, 2025

Time: 11:00 am

Location: Board Room, Nr. Principal's Office, Ground Floor, A.M.Naik Block

Attendees:

1. Dr. I. N. Patel	Principal & Chairman Academic Council
2. Dr. Ajitkumar Shukla	Member – BoG Nominee
3. Dr. Urmila Patil	Member – BoG Nominee
4. Er. Jaimin T. Desai	Member – BoG Nominee
5. Dr. S. M. Yadav	Member – BoG Nominee
6. Dr. J. D. Rathod	Member – GTU Nominee
7. Dr. Kiran Parmar	Member – GTU Nominee
8. Dr. Jignesh Amin	Professor, Graduate School of Engineering & Technology, GTU Nominee
9. Dr. V. J. Patel	Dean, Academics, Chairman, BoS, Mechanical Engineering, Vice Chairman AEC
10. Dr. M. M. Vegad	Member Secretary, Asso. Dean, Academics
11. Dr. S. D. Dhiman	Chairman, BoS, Civil Engineering
12. Dr. D. G. Thakore	Chairman, BoS, Computer Engineering
13. Dr. R. P. Mehta	Chairman, BoS, Electrical Engineering
14. Dr. T. D. Pawar	Chairman, BoS, Electronics Engineering
15. Prof. K. D. Bhatt	I/c. Chairman, BoS, Production Engineering
16. Dr. D. R. Bhatt	Chairman, BoS, Structural Engineering
17. Dr. K. N. Brahmbhatt	Chairman, BoS, Information & Technology
18. Dr. B. C. Goradiya	Chairman, BoS, Electronics & Commu. Engineering
19. Dr. T. A. Desai	Chairman, BoS, Mathematics
20. Dr. S. V. Mevada	Member – Controller of Examinations
21. Dr. H. S. Berawala	Member – Officer –in-Charge Credit System
22. Dr. Akshay Pandya	Member, Asso. Prof., Electrical Engineering Dept.
23. Dr. Zankhana Shah	Member, Asso. Professor, IT Dept.
24. Dr. D. S. Modi	Jt. Controller of Examinations–Special Invitee

Following member(s) could not attend:

1. Dr. Sudhir Kumar	Member – BoG Nominee
2. Er. Deepak Acharya	Member - BoG Nominee





The meeting commenced with a warm welcome extended by **Dr. Indrajit N. Patel**, Principal and Chairman of the Academic Council, to all the esteemed members of the Council. In his opening address, Dr. Patel highlighted the ongoing holistic development in both infrastructure and academic areas at BVM. He reiterated the institute's vision of nurturing **globally employable engineers**, in alignment with the aspirations of the National Education Policy (NEP) 2020 and directives from national regulatory bodies.

He shared key developments, including:

- The substantial progress made in the implementation of NEP 2020, notably the successful uploading of a majority of Academic Bank of Credits (ABC) data.
- Introduction of the **Professor of Practice (PoP)** model across almost all departments, with valuable contributions from alumni and industry professionals to bridge the academia-industry divide.
- Initiatives like **Minor and Honours programs**, international exposure through the **International Experience Programme (IEP)**, and multiple active **MoUs** with reputed institutes and organizations.
- Department-led **in-house internships** which are gaining traction and proving to be effective.
- Notable achievements of students in placements, higher education, and competitive examinations such as GATE, GPSC, and UPSC.
- Vibrant activities under various **professional society chapters**, NCC, NSS, and **Yoga** units.
- Rich contributions to **research and innovation**, including paper publications, book chapters, and patent filings.
- Participation of faculty members in training programmes, as well as the organization of workshops and training events on campus.
- Ongoing testing and consultancy engagements by departments.

Following the Chairman's address, **Dr. Vinay J. Patel**, Dean Academics, further elaborated on the progress of NEP 2020 implementation. He shared insights into:

- Exploration of integrating **Indian Knowledge Systems (IKS)** within the curriculum.
- Introduction and implementation of **multi-level exit options** as recommended by NEP.

Subsequently, the Academic Council took the opportunity to **felicitate Prof. (Dr.) Trupti A. Desai**, Chairperson of the Board of Studies (BoS), Department of Mathematics, on the occasion of her upcoming superannuation. Dr. Desai was honoured with a bouquet by the Principal and the Dean Academics in recognition of her about **33 years of dedicated service** to BVM.

This was followed by a **brief introduction of all members** present in the meeting.

Thereafter, the **Dean Academics handed over the proceedings to the Member Secretary** to continue with the items listed in the Agenda.





AC.2425.1.1. Discuss and approve the Minutes of Academic Council meeting AC.2324.2 held on 25.06.2024 (Please refer Annexure-I)

Decisions:

The minutes were approved unanimously.

AC.2425.1.2. Take note of extension of the Autonomous Status awarded to BVM by the UGC for 10 years. Refer GTU notification letter in Annexure-II.

Notes:

Noted

AC.2425.1.3. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Civil Engineering**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Civil Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – III.

AC.2425.1.4. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Computer Engineering**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Computer Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – IV.

AC.2425.1.5. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Electronics Engineering**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Electronics Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – V.

AC.2425.1.6. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Electrical Engineering**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Electrical Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – VI.





AC.2425.1.7. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Mechanical Engineering**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Mechanical Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – VII.

AC.2425.1.8. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Production Engineering**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Production Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – VIII.

AC.2425.1.9. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Electronics & Communication Engineering**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Electronics & Communication Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – IX.

AC.2425.1.10. Discuss and approve complete Programme Structure and Course Structures of 2nd level courses of **B.Tech. in Information Technology**.

Decisions:

Programme Structure and Course Structures of 2nd level courses of B.Tech. in Information Technology were discussed and approved with minor corrections. The same is attached herewith in Annexure – X.

AC.2425.1.11. Discuss and approve complete Programme Structure and Course Structures of all the courses of **M.Tech. in Automation and Robotics**.

Decisions:

Programme Structure and Course Structures of all courses of M.Tech. in Automation and Robotics Engineering were discussed and approved with minor corrections. The same is attached herewith in Annexure – XI.

Common Points Related to Curriculum Discussions:

- Er. Jaimin Desai discussed about opportunities of using the huge data available





at VEDAS (Visualization of Earth Observation Data and Archival System) and MOSDAC (Meteorological and Oceanographic Satellite Data Archival Centre). These data are available for free academic usage. BoS Chairs of all departments were encouraged to explore the same at their own, to incorporate the same in some way in the curriculum. We may also explore a possibility of one-day training programme at ISRO on using these data.

- It was suggested to include format of undertaking, NOC, etc as part of the course structures of relevant courses (like external projects, internships, etc).
- The word 'Summer' should be removed in the mandatory internship courses so as to allow students to complete their internships even in Diwali vacations.
- A course on 'Structural health monitoring' should be offered, as an open elective, to Civil Engineering students by EL / EC departments.
- Students should learn 'good prompting' (i.e., how to frame good questions) that can be used to exploit the capabilities of current chatbots.
- It was suggested that, wherever possible, online internships should be avoided.

AC.2425.1.12. Discuss about considering innovation / entrepreneurship related activities or 'skill-based training / course' offered in-house or by reputed organization / institute / industry as equivalent to the mandatory internships.

Decisions:

After thorough discussion, all member agreed upon the possibility of considering 'skill based training' as an alternative to the mandatory internships. The same should be mentioned clearly in the course structures of all such internship courses.

Actions:

- Send the revised course structure (if required) of the 1st internship course, that includes the mention of 'skill based training' as a valid option.

Owner:

- All Concerned BoS Chairs

AC.2425.1.13. Report the following resolutions passed in Academic Executive Committee (AEC) meetings held during 26.06.2024 to 09.05.2025 :

Following important changes are made in the Academic Regulations applicable to the students (UG, PG, and PDDC) admitted before AY – 202425:

Ref. AEC.2425.1.2 (5th Aug, 2024), AEC.2425.3.3 (20th Sept, 2024), and AEC.2425.10 (6th May, 2025)

Gradability during End Semester Examination evaluations:

Earlier a UG / PDDC student was required to score minimum of 35% marks in the end semester theory and tutorial / practical examination to make himself / herself gradable. Now, s/he will be required to score a minimum of 35% of total maximum marks to become gradable. For a PG student, above mentioned threshold is 40% and hence, s/he will need to score 40% of total maximum marks to become gradable. However, the student must remain present in all the components of end





semester theory and practical exams, failing which s/he will be awarded letter grade 'FP'.

Change in Low Attendance (LA) Rule:

Earlier, if the student did not meet the minimum attendance requirements, he was given FA (Failure due to Attendance) grade in all the courses in which s/he was registered in that semester (except backlogged courses). Now, such a student will be awarded FA grade only in that particular course in which s/he is reported to have low attendance.

Such a student (having FA grade in some course), is required to appear in Mid Semester Examination and End Semester Examination (Theory and Practical) of the course, whenever that course is offered in successive semester/s and/or academic year/s. While evaluating her / his final score for grading, so far as the marks in Mid Semester Examinations are concerned, the maximum of her / his average marks, obtained during regular attempt, and subsequent attempt of remedial mid semester examination will be considered.

Change in Continuation Evaluation Component of students awarded FP grade:

Earlier, when a student is awarded FP grade, s/he was supposed to appear only in the ESE theory and practical examinations of that course; while her / his CE components' marks were being carried forward.

Now, with a view to offer opportunity of improvement in the CE components' marks, such a student has to appear in the remedial mid semester examination in the subsequent semester. While evaluating her / his final score for grading, so far as the marks in Mid Semester Examinations are concerned, the maximum of her / his average marks, obtained during regular attempt, and subsequent attempt of remedial mid semester examination will be considered.

Removal of Not Permitted To Appear (NPTA) Rule:

Earlier, if a student did not score (average) minimum required marks (35% for UG / PDDC and 40% for PG): in the mid semester examination(s), then s/he was not allowed to appear in the end semester examination (ESE) (theory and practical) of that course and was awarded NA grade.

This rule is now considered removed. The students having NPTA in previous exams, will be considered 'Eligible to Appear' in ESE of the corresponding course. Their current marks of mid semester exam will be considered as the final marks in the respective component of 'Mid Semester Exam Marks' of their results of the corresponding course.

Note: Above changes (related to gradability, LA and NPTA) are already incorporated in the Academic Regulations applicable to the students admitted in AY 2024-25 onwards. (Approved in AC.2425.2, dated 25th June, 2024).

Following **Minor** programmes* have been discussed and approved:

Ref. AEC.2425.6 (16th Dec, 2024), AEC.2425.7 (11th Feb, 2025):

Sr	Programme (Minor in ...)	Offering Department(s)	Annexure
1	Data Science	Information Technology	XII





2	Embedded Systems and IoT	(Jointly by) Electronics Engineering Department and Electronics & Communication Engineering Department	XIII
---	--------------------------	--	------

* The degree awarded to the student will be B.Tech. <Major Discipline> with Minor in <Name of Minor Programme>.

Following **Honours** programmes ** have been discussed and approved:
 Ref. AEC.2425.7.2 (11th Feb, 2025) and AEC.2425.10 (6th May, 2025)

Sr .	Programme (Honours in ...)	Offering Department(s)	Annexure
1	Geotechnical Engineering	Structural Engineering	XIV
2	Infrastructure Engineering	Structural Engineering	XV
3	Structural Engineering	Structural Engineering	XVI
4	Semiconductor Chip Design	Electronics Engineering	XVII
5	VLSI Design and Testing	Electronics & Communication Engineering Department	XVIII
6	Data Science and Analytics***	Information Technology	XIX
7	Robotics	Mechanical Engineering	XX
8	Smart Manufacturing	Mechanical Engineering	XXI
9	Electrical and Computer Engineering	Electrical Engineering	XXII

** The degree awarded to the student will be B.Tech. <Major Discipline> with Honours in <Name of Honours Programme>.

*** Started in AY 2021-22

On Permitting Online Internships:

Ref. AEC.2425.8.6 (10th March, 2025)

It was decided to allow online internships to students, with due approval of the DAC of the respective departments.

Decisions:

- All the decisions mentioned above were discussed thoroughly and approved.

AC.2425.1.14. Report the Academic Calendars of (i) ODD Semester AY 2024-25 and (ii) EVEN Semester AY 2024-25 duly approved in Academic Executive Committee.

Decisions:

Above mentioned Academic Calendars were discussed with all and approved unanimously.



The meeting ended with vote of thanks to all members and Chair.




(Prof. (Dr.) Mayur M. Vegad)
Member Secretary

To: All Members, BVM Academic Council

CC to: The Registrar, Gujarat Technological University for information

Encl: As above