


Dr. Ambedkar Institute of Technology, Bengaluru-560056

Estd. in 1980 (An Autonomous Institution affiliated to VTU, Belagavi),
Approved by AICTE, NewDelhi, Grant in Aid Institution (Govt. of Karnataka)
Accredited by NBA & NAAC with 'A+' Grade)

Proceedings of the 24th Academic Council Meeting held on 30-07-2025 at 11:00 am in the Board Room of Dr. AIT.

Members present:
Special Invitees:

Sl. No.	Name of the Members	Designation
1	Prof. M. Mahadeva	Hon'ble Secretary, PVPWT
2	Prof. L. M. Patnaik	Senior Research Advisor, Dr AIT
3	Prof. N. C. Shivaprakash	Mentor, Dr. AIT

Academic Council Members:

Sl. No.	Name of the Members	Designation	Committee Nomination
1	Dr. M N. Thippesamy	Principal	Chairman
2	Dr. Siddaraju	Vice Principal	Member
3	Dr. H. C. Chittappa	VTU Nominee	Member
4	Dr. Suresha M	VTU Nominee	Member
5	Dr. Mustaffa Basthikodi	VTU Nominee	Member
6	Dr. V. Ramachandra	Industry Expert	Member
7	Sri. Vilas Rathod	Industry Expert	Member
8	Sri. R. Prathapanayaka	Industry Expert	Member
9	Dr. T. N. Raju	Dean (Examination) HoS, School of Core Engineering & Technology	Member
10	Dr. G. V. Jayaramaiah	Dean (R &D)	Member
11	Dr. B. Sivakumar	Dean (FA)	Member
12	Dr. Shailaja B S	Dean (III)	Member
13	Dr. L. Manjunath Rao	Dean (P & D)	Member
14	Dr. Mahalinga V Mandi	HoS, School of Electrical & Electronics Sciences and Engineering	Member
15	Dr. Gowrishankar S	HoS, School of Computer Sciences and Engineering	Member

16	Dr. Baskaran S	HoS, School of Commerce & Management	Member
17	Dr. Muruli R	HoS, School of Applied Sciences & Humanities	Member
18	Dr. S. Kavitha	HOP, CV	Member
19	Dr. H. Umadevi	HOP, ECE	Member
20	Dr. Sathish S	HOP, ME	Member
21	Dr. H. V. Govindaraju	HOP, EEE	Member
22	Dr. Ganapathi V Sagar	HOP, EIE	Member
23	Dr. Rajeshwari P	HOP, IEM	Member
24	Dr. Ravish D K	HOP, ETE	Member
25	Dr. Nandini N	HOP, CSE	Member
26	Dr. Prabha R	HOP, ISE	Member
27	Dr. Ajay Prakash B V	HOP, AIML	Member
28	Dr. Vidyarani H J	HOP, CSBS	Member
29	Dr. Kumara Thanaiah	HOP, AE	Member
30	Dr. Jambunath Baligar	HOP, Physics	Member
31	Dr. H Bhagyalakshmi	HOP, Chemistry	Member
32	Smt. Geetha H	HOP, HSS	Member
33	Dr. Rajashekhar Ghogge	HOP, MCA	Member
34	Dr. Shylaja K R	Professor, CSE	Member
35	Dr. C. R. Mahesh	Asso. Dean (Academic)	Member
36	Dr. Arpitha Raju B	Asso. Prof. EEE	Member
37	Dr. K. N. Anuradha	Dean (Academic) Professor, Department of Physics	Member Secretary

Members Absent:

Sl. No	Members Name	Designation	Committee Nomination
1	Sri. Sudhakar Mokshagundam	Industry Expert	Member
2	Sri. Shrikrishna S Chippalkatti	Industry Expert	Member

Dr. M. N. Thippeswamy, Principal/Chairman of the Academic Council, extended a cordial welcome to the Hon'ble Secretary, Senior Research Advisor, Chief Academic Mentor, all the external members, Heads of Schools, Heads of Programmes, Deans, and other members of the Academic Council.

The Prof. M. Mahadeva, Hon'ble Secretary, PVPWT, also extended a warm welcome to all the members.

After welcoming the Chief Academic Mentor, Dr. Shivaprakash added that two members of the Academic Council would not be present at the next academic meeting. He extended heartfelt thanks to Dr. Siddraju, Vice Principal, who will be retiring on 31st July 2025, and recalled his valuable contributions to the Institute. He also expressed his gratitude to Dr. K. N. Anuradha, Dean (Academics), who will be retiring in on 30th September 2025, acknowledging her contributions towards academics, reforms, and institutional growth. He noted that this meeting marks her fifth Academic Council meeting.

Further Hon'ble Secretary requested Dean (Academic), Dr K N Anuradha to present. Dean Academic once again welcomed all the Council members and presented the overall agenda of approval, ratification, information and other issues for discussion.

24.1: Confirmation the Minutes of 23rd Academic Council Meeting held on 10th July 2024.

The Dean Academic requested the academic council members to confirm the minutes of 23rd academic council meeting held on 10-7-2024.

The members confirmed the minutes of the 23rd Academic Council meeting.

23.2: To review the Action Taken Report (ATR) of the 23rd Academic Council meeting held on 10th July 2024.

The Dean (Academics) presented the Action Taken Report (ATR) on the suggestions made by the members during the 23rd Academic Council meeting. The members noted the actions taken on their earlier suggestions.

While discussing ATR item 23.4, the Dean (Academics) stated that, as per the suggestions of an external member, the courses under Economics had been reviewed, and it was noted that Engineering Economics is currently offered as an elective course by Mechanical department.

At this point, the Hon'ble Secretary commented that Engineering Economics should be taught by a person with an Economics background not by the Mechanical dept. faculty. Only Economics person can teach effectively the subject. He further suggested introducing Social Engineering as a course.

Prof. L. M. Patnaik added that the Hon'ble Secretary possesses remarkable versatility and deep expertise in Economics, demonstrated through his extensive research, policy insights, and long-standing engagement with

academic and professional forums. He noted that the Secretary's ability to connect economic theory with practical, real-world applications has been widely appreciated by peers and scholars alike. In view of this, Prof. Patnaik suggested that the Hon'ble Secretary Dr M Mahadeva deliver a talk to the faculty members on Economics, which would not only enrich their subject knowledge but also inspire interdisciplinary approaches in teaching and curriculum design.

Agenda for Approval

23.3: To approve:

i) Approval of 7th and 8th Semester Courses and Syllabus for all UG programmes under the 2022 Scheme for the following departments: CV, ME, IEM, AE, CSE, ISE, CSBS, AIML, EEE, ECE, EIE, and ETE.

The Dean (Academic) presented the scheme of teaching and examination for the 7th and 8th semester undergraduate programmes and invited the Heads of Programmes to present the highlights of their respective Board of Studies (BoS) meetings. Heads of Programmes from CV, AE, ME, IEM, CSE, ISE, CSBS, AIML, ECE, EEE, EIE, and ETE briefed the Council on the discussions and suggestions from their departments.

- For CV, a general comment was made that greater importance should be given to including more core courses in the curriculum.
- In ME, it was recommended that NPTEL courses for the 8th semester may also be registered in the 7th semester, and that internships could be started from the 3rd semester onwards.
- For CSE, there were no specific comments from Academic Externals, but general advice included encouraging publications and inviting industry experts to deliver or complete 30% of the syllabus.
- In AIML, Prof. Mustaffa suggested conducting joint BoS meetings with industry experts to align academic content with industry needs.
- For ETE, recommendations included preparing students for the dynamic demands of the industry, strengthening industry collaboration in teaching, skill laboratories, and internships, and the current processes were appreciated.
- Additionally, Prof. Mustaffa recommended recruiting a Research Associate for each department to strengthen research activities.

After the detailed discussion the courses , syllabus of 7th and 8th semester of all UG Programmes were approved by the members.

- ii) **Approval of Scheme of Teaching and Examination for 1st Year UG (2025-26 Batch) under the newly introduced 2025 Scheme for the following programmes: CV, ME, IEM, AE, CSE, ISE, CSBS, AIML, ETE including the newly introduced UG programmes starting from AY 2025-26: ECE (VLSI) & CSE (Data Science)**

The Dean (Academics) presented the Scheme of Teaching and Examination for the 1st Year B.E. programmes, as per the new 2025 Scheme implemented by VTU for the academic year 2025–26. From AY 2025–26 onwards, VTU has introduced a revised scheme that includes stream-specific courses for all 1st Year UG programmes. This applies to the following programmes: **Existing Programmes:** CV, ME, IEM, AE, CSE, ISE, CSBS, AIML, and ETE **Newly Introduced Programmes (from AY 2025–26):** ECE (VLSI) and CSE (Data Science)

It was informed that the detailed syllabus is yet to be released by VTU. Once received, the syllabus will be reviewed and discussed in detail prior to the commencement of the 1st Year classes and will be formally ratified in the next Academic Council meeting.

The Council approved the proposed Scheme of Teaching and Examination.

24.4: i) Approval of 3rd and 4th Semester Courses and Syllabus for M.Tech., MBA, and MCA programmes under the 2024 Scheme.

The Dean presented the scheme of teaching for the 3rd and 4th semesters of all PG programmes (M.Tech., MBA, and MCA) under the 2024 Scheme.

After a detailed discussion, the Council approved the same.

- ii) **Approval for Scheme of Teaching and Examination for the M.Tech. Programme in Robotics & Artificial Intelligence —a newly introduced PG programme commencing from the Academic Year 2025-26.**

The Dean presented the Scheme of Teaching and Examination for the newly introduced M.Tech. Programme in Robotics & Artificial Intelligence, commencing from the Academic Year 2025-26.

After deliberation, the Council approved the same.

24.5: Approval for the list of graduating students (Admitted during 2021-22), rank holders, special awardees for the 12th Graduation Day Ceremony, scheduled to be held in September 2025.

The Dean (Academic) presented the department-wise list of graduating students, rank holders, and special awardees of the 2021-22 batch, and sought the Council's approval. It was informed that the 12th Graduation Day celebration is scheduled to be held in September 2025.

It was also reported that one student from the Institute is eligible to receive the B.E. (Honors) degree this year: Aniverthy Amruthesh (1DA21CS022, CSE Branch) – recognized for outstanding effort and achievement. A special award will be conferred upon him during the 12th Graduation Day ceremony.

The Academic Council approves the list of B.E. graduating students, rank holders, and special awardees for the 12th Graduation Day Ceremony, and further resolved that the Council places on record its appreciation for Mr. Aniverthy Amruthesh for securing the B.E. (Honors) degree and congratulates him on his exemplary academic performance.

24.6: Approval to merge the existing Programmes of Computer Science and Engineering (CSE) and Information Science and Engineering (ISE) into a single Programme of Computer Science and Engineering (CSE), effective from the academic year 2026-27.

The Dean (Academic) presented the proposal to merge the existing B.E. programmes in Computer Science and Engineering (CSE) and Information Science and Engineering (ISE) into a single B.E. programme in Computer Science and Engineering (CSE), effective from the academic year 2026-27.

The Academic Council approves the merger of the existing CSE and ISE programmes into a single CSE programme, with effect from AY 2026-27.

24.7: Approval for commencement of new UG Programs – Bachelor of Business Administration (BBA) and Bachelor of Computer Applications (BCA) from the Academic Year 2026-27.

The Dean (Academic) presented the proposal for introducing two new undergraduate programmes – Bachelor of Business Administration (BBA) and Bachelor of Computer Applications (BCA) – commencing from the academic year 2026-27.

The Academic Council approved the commencement of the BBA and BCA programmes from AY 2026-27.

24.8: Approval to start a new UG Programme in Computer Science & Engineering (Cyber Security) with an intake of 60 students, commencing from the academic year 2026-2027.

The Dean (Academic) presented the proposal to introduce a new undergraduate programme, B.E. in Computer Science & Engineering (Cyber Security), with an approved intake of 60 students, commencing from AY 2026-27.

The Academic Council approved the commencement of the B.E. programme in Computer Science & Engineering (Cyber Security) with an intake of 60 students from AY 2026-27.

24.9: Approval to start a new Postgraduate Programme in Artificial Intelligence & Machine Learning (AIML) commencing from the academic year 2026-2027.

The Dean (Academic) proposed the introduction of a new M.Tech. in Artificial Intelligence & Machine Learning programme, commencing from AY 2026-27.

The Academic Council approves the commencement of the M.Tech. programme in Artificial Intelligence & Machine Learning from AY 2026-27.

III Agenda for Ratification:

24.10: New Academic Guidelines implemented for students admitted during 2024-25, as per VTU directives (Ref. No.: VTU/BGM/SA/Aca-Cirs/2024-25/6446 dated 24-03-2025).

The Dean (Academic) presented the new academic guidelines issued by VTU for students admitted during the academic year 2024-25. These guidelines align with the UG curriculum under the 2022 Scheme and apply to the first-year B.E. students of the 2024-25 batch, who are currently in their second semester.

As per the VTU notification, the following changes have been implemented:

- a. In Odd semester: SEE would be conducted for courses offered in the ODD semester only (I, III, V, VII only) and In EVEN Semester: SEE would be conducted for the courses offered in the EVEN semester only (II, IV, VI, VIII only)
- b. As a special case, only in the first year, if the students have Backlog course ('F' Grade/AB grade courses) of first semester and if those courses are offered in second semester, then SEE shall be conducted for such courses in second semester. For the courses of first semester that are not offered in second semester (ex: Mathematics course of first semester that are not offered in second semester (ex: Mathematics course of first semester), students can appear for examinations of such courses in subsequent summer semester/ODD SEE.

Summer Semester:

- a) Summer semester will be conducted after every even semester. CIEs to be earned for the courses offered in the summer semester. SEE at the end of the semester for the courses offered in the summer semester and all other courses of previous semesters in which the students have 'F' grade and 'AB' grade.
- b) A student is permitted to register not more than 14 credits for coursework, excluding audit/mandatory Non-credit courses. However, there is no limit for a student to register for 'F' / 'AB' grade courses for SEE.

Make up examinations: For students of 'I' & 'X' grades in odd and even SEE shall be given make up exams immediately after the announcement of SEE results of respective ODD and EVEN SEE.
There is no makeup examination following a summer semester.

Letter Grades:

Grade	Meaning
DX	Shortage of Attendance (NSAR) or Shortage of CIE Marks (NSSR) or both in a credit course
NP	Not Passed in Non-credit Course
PP	Passed in Non-credit Course
AB	Absent for a course in SEE (Semester End Examination)
F	Fail in a course in SEE
I / X	Transitional Grades
W	Withdrawal from the course

Students in the extraordinary category (with a CGPA of >9.0) who wish to complete the programme in 3.5 years to enable to undertake a one-year industry internship leading to a project/placement training at the final year, may register for the additional courses from higher semester's regular courses during the summer semester. Students of 2024 admission could avail this facility after IV semester.

Vertical Progression:

- a. Progression to II Year (III semester):

Students having 'F' grades for the courses totalling to more than 16 credits in the I and II semesters of the first year programme shall not be permitted to move to III semester (II year) of the programme. These courses include courses marked with 'F', 'DX' and 'AB'.

b. Progression to III Year (V semester):

Promotion from II year to III year shall not be restricted even if the student has any number of backlog course ('F' grade, 'DX' grade, 'AB' grade).

c. Progression to IV Year (VII semester):

Students having 'F' grades/ 'DX' grade, 'AB' grade for any of the courses in the I of II semester of the first year of the Programme shall not be permitted to move to the VII semester (VI Year) of the Programme.

The above guidelines have been implemented for the 2024-25 admission batch. The Dean (Academic) requested the council members to kindly ratify the implementation of these academic guidelines.

The council members reviewed the guidelines and unanimously ratified the implementation of the new academic guidelines for the 2024-25 admission batch as presented by the Dean (Academic).

24.11 Commencement of,

- i) Two UG Programmes: CSE Data Science and ECE (VLSI)**
 - ii) One PG Program: Robotics & Artificial Intelligence**
- from the Academic Year 2025-26.**

The Dean (Academic) presented the details of newly introduced programmes that to be commenced in AY 2025-26, as approved earlier, for formal ratification by the Academic Council.

Undergraduate Programmes:

* B.E. in Computer Science and Engineering (Data Science)

* B.E. in Electronics and Communication Engineering (VLSI)

Postgraduate Programme:

* M.Tech in Robotics and Artificial Intelligence

The Academic Council ratifies the commencement of the above-mentioned new UG and PG programmes from AY 2025-26.

24.12 Reorganization of Engineering Departments into Schools by Stream

The Dean (Academics) presented the decision of the Trust to reorganize existing departments into different Academic Schools, as per Trust Resolution Ref. No. Dr AIT/PS/264/2025-26 dated 16-06-2025, and confirmed its implementation effective from AY 2025-26. The decision, communicated to

VTU and all stakeholders (Ref. No. Dr AIT/Dean(A)/113/2025-26 dated 26-06-2025), aims to promote academic synergy, enhance interdisciplinary collaboration, optimize resource utilization, and strengthen the academic identity of each discipline.

The members were informed that, each Academic School will be led by a Head of School (HoS), and each Programme within the School will be managed by a designated Head of Programme (HoP).

1. School of Core Engineering and Technology	
Sl. No.	Programme
1	Civil Engineering (CV)
2	Mechanical Engineering (ME)
3	Industrial Engineering & Management (IEM)
4	Aeronautical Engineering (AE)
5	Structural Engineering (CV – PG)
6	Robotics and Artificial Intelligence (ME – PG)

2. School of Electrical and Electronics Sciences and Engineering	
Sl. No.	Programme
1	Electronics & Communication Engineering (ECE)
2	Electrical & Electronics Engineering (EEE)
3	Electronics & Instrumentation (EIE)
4	Electronics & Telecommunication Engineering (ETE)
5	Electronics & Comm. (VLSI Design & Technology – UG)
6	VLSI Design and Embedded Systems (ECE – PG)
7	Power Electronics (EEE – PG)

3. School of Computer Science and Engineering	
Sl. No.	Programme
1	Computer Science & Engineering (CSE)
2	Information Science & Engineering (ISE)
3	Artificial Intelligence & Machine Learning (AIML)
4	Computer Science & Business Systems (CSBS)
5	Computer Science & Engineering (Data Science) (CSEDS)
6	Computer Science & Engineering (CSE-PG)
7	Master of Computer Applications (MCA)

4. School of Commerce and Management	
Sl. No.	Programme
1	Master of Business Administration (MBA)
2	Bachelor of Administration (BBA) (to be applied for approval from VTU)
3	Master of Commerce (M.Com)
4	Bachelor of Commerce (B.Com)

5. School of Applied Sciences and Humanities	
Sl. No.	Programme
1	Physics
2	Chemistry
3	Mathematics
4	Humanities & Social Sciences

After detailed discussion, the members approved the proposed Academic Schools under the new structure.

Agenda for Information:

24.13: Report on Academic, Examination and R & D Activities for the academic year 2024-25:

The Dean (Academics) presented the academic activities of the UG and PG programmes, including the calendar of events, classes conducted tests, Semester End Examinations (SEE), and the conduction of special skill labs for 1st and 2nd year students. She also outlined the benefits of the skill labs to students, highlighting their role in enhancing practical knowledge, improving hands-on competencies, fostering problem-solving abilities, and better preparing students for industry requirements and real-world applications.

The Dean (Academics) presented the odd semester results (AY: 2024-25), during which, while reviewing the 1st semester results, the Mentor pointed out the poor performance of ETE students, with only 8 out of 62 students passing without any backlog. The members expressed serious concern over this outcome and instructed the Dean (Examinations) to recheck the results, provide a correct analysis, and circulate the revised report to the members at a later date.

The Dean (Research and Development) presented the research activities during the academic year 2024-25. The publication statistics indicated that several publications were made in UGC CARE-listed journals. Observing this,

the Prof. M Mahadeva, Secretary, PVPWT firmly stated that, henceforth, no publications in UGC CARE journals would be accepted. Faculty members were instructed to publish their research work only in Scopus-indexed/WOS Indexed journals only.

The Dean (III) reported a 5-day FDP on “Generative AI” for CSE, ISE, AIML, and MCA on 17th September 2024, and a 5-day SDP on the same theme for VI Semester CSBS students from 15th to 20th May 2025. A 2-day problem-solving workshop using HackerRank, HackerEarth, and LeetCode with Java was held on 3rd April 2025. An MoU was signed with Avinya Technologies on 10th December 2024, and an industry visit was arranged for the MCA department to “Next Gen Datacenter.”

The Dean (FA) presented that an MoU was signed with Primax Foundation for Foreign University Relationship on 14th May 2025 in the presence of the Hon’ble Chairman and Secretary, PVP Welfare Trust. Under this MoU, a Global Immersion Training Program at University Putra, Malaysia, was held from 21st to 25th July 2025 with participation from Dr. AIT faculty and students. The Dean (P&D) presented the activities NBA extension to MCA, ISE, IEM for 3 years.

The members noted all the academic and examination, R & D activities, related updates presented.

24.14: Career Guidance and Placement Cell activities (AY: 2024-25)

Dr. R. Murali, Placement Officer, presented the Career Guidance and Placement Cell activities and briefed the Council on the number of students placed during the academic year 2024–25.

The members took note of the report and suggested increasing the frequency and number of companies visiting the campus for recruitment.

24.15 Student Activities: Sports, NCC, NSS and Cultural Activities

The Dean (Academics) presented a report on student activities and achievements during the academic year 2024–25, covering Sports, NCC, NSS, and Cultural Events. Among the many activities conducted, the following were highlighted.

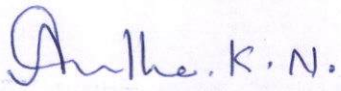
- In Sports, Mr. Thrishul Gowda B.N from V Semester ECE represented the institution at the Senior Artistic Gymnastics National Championship held in Surat, Gujarat, from 25th December 2024 to 4th January 2025.

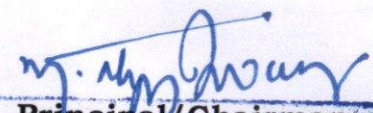
- In NCC, Cadets Mr. Vishwas N and Miss Shruthi participated in the Republic Day Parade at New Delhi on 26th January 2025 and had the privilege of meeting the Hon'ble Prime Minister, Sri Narendra Modi.
- In the area of innovation and technology, the institution hosted Hackathon – Hack Colossus 2024 on 13th September 2024, a 24-hour competitive coding event designed to foster innovation, problem-solving, and teamwork among aspiring developers. The event served as a platform for students to showcase their coding skills, develop creative solutions, and collaborate on real-world challenges.
- In NSS activities, students organised a Hygiene and Sanitation Awareness Programme to promote cleanliness and healthy living practices. A Tobacco Awareness Drive was conducted to educate students and the community about the harmful effects of tobacco use. Additionally, a Water Conservation Pledge was undertaken to encourage responsible usage and protection of water resources.

Council members noted and appreciated the students for their active participation and commendable performance in various fields.

After the presentation, the Dean (Academics) requested the Vice Principal to propose the Vote of Thanks. The Vice Principal, Dr. Siddaraju, expressed his sincere gratitude to the Hon'ble Secretary of PVPWT for his continuous guidance, encouragement, and support towards the academic growth of the institution.

He extended heartfelt thanks to all the members of the Academic Council for their valuable contributions, constructive suggestions, and active participation in the curriculum development process during the meeting. He concluded by thanking the Dean (Academics), Heads of Programmes, faculty members, and administrative staff for their dedication and commitment to the institution's vision and mission.


Dean (Academics)/Member Secretary
 Dean (Academic)
 Dr. Ambedkar Institute of Technology
 Bengaluru-560 056.


Principal/Chairman
PRINCIPAL
 Dr. Ambedkar Institute of Technology
 Bengaluru-560 056.

Copy to:

1. The Hon'ble Secretary, PVPWT
2. The Senior Research Advisor, Dr AIT
3. The Mentor, Dr AIT
4. The Academic Council members