



Sant Dnyaneshwar Shikshan Sanstha's

**Annasaheb Dange College of Engineering & Technology,
Ashta - 416301, Dist. : Sangli, Maharashtra**

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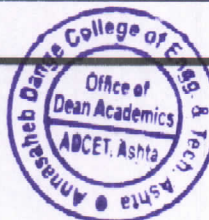


Minutes of 14th Academic Council Meeting

The 14th Meeting of the Academic Council was held on **June 20, 2026** at **11:00 am** in the **Hybrid Mode** under the Chairmanship of **Dr. L.Y. Waghmode, Director, ADCET, Ashta**. The Chairman welcomed all the members present for the Academic Council meeting. The Member Secretary introduced all the new members of the Academic Council for a three-year tenure from 2025–26 to 2027–28, including experts nominated by Shivaji University, Kolhapur, and experts nominated by the Governing Body.

The following members were present at the Academic Council meeting (Annexure I : Attendance Sheet)

S. No.	Name & Designation	Position
1.	Dr. Laxman Y. Waghmode Director	Chairman
2.	Dr. Anand J. Kulkarni, Research Professor & Associate Director Institute of Artificial Intelligence, Dr Vishwanath Karad MIT World Peace University, Pune	Member
3.	Dr. Sagar U. Sapkal Professor, Department of Mechanical Engineering, Walchand College of Engineering, Sangli	Member
4.	Dr. T. Palanisamy Associate Professor, Department of Civil Engineering, National Institute of Technology Karnataka, Mangalore	Member
5.	Dr. Suresh Mikkili Associate Professor, Department of Electrical and Electronics Engineering, National Institute of Technology Goa, Ponda	Member
6.	Mrs. Jiya N. Zanvar Executive Director, Zanvar Group of Industries, Kolhapur	Member
7.	Dr. Vijay R. Ghorpade Professor, Department of Computer Science & Engineering, Bharati Vidyapeeth's College of Engineering, Kolhapur	Member
8.	Dr. Dattatraya V. Kodavade Professor, Department of Computer Science & Engineering, DKTE's Textile and Engineering Institute, Ichalkaranji	Member
9.	Dr. Shailendrakumar B. Hivarekar Dean, Faculty & Student Development	Member
10.	Dr. Abhijitkumar A. Jadhav Dean, Institutional Performance and Quality Assurance	Member
11.	Dr. Shrirang P. Chavan Dean, Consultancy & Revenue Generation	Member
12.	Dr. Prasad D. Kulkarni Dean, International Collaborations	Member
13.	Dr. Amol S. Dange Dean, Research Innovation & Startup	Member
14.	Dr. Sachin P. Patil Dean, e-Governance	Member
15.	Prof. Rahul A. Patil Dean, Infrastructure & Campus Development	Member
16.	Dr. Sandeep G. Sutar Associate Dean, Academics	Member
17.	Dr. Manoj M. Jadhav Head, Mechanical Engineering	Member





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S. No.	Name & Designation	Position
18.	Dr. Suhel S. Sayyad Head, Computer Science and Engineering	Member
19.	Dr. Suraj D. Pawar Head, Electrical Engineering	Member
20.	Dr. Manoj H. Mota Head, Civil Engineering	Member
21.	Dr. Yuvaraj S. Head, Aeronautical Engineering	Member
22.	Dr. Siddhanath V. Nishandar Head, Food Technology	Member
23.	Dr. Tahseen A. Mulla Head, Computer Science and Engineering (IOT, CS including BCT)	Member
24.	Dr. Sunita S. Shinde Head – Department of Robotics and Artificial Intelligence	Member
25.	Prof. Prakash P. Wadkar Head - Department of Computer Applications (BCA)	Member
26.	Prof. Vilobha K. Rukade Head - Department of Business Administration (BBA)	Member
27.	Dr. Santosh S. Desai Head – Basic Sciences	Member
28.	Dr. Gopinath S Dean Academics	Member Secretary

Dr. Mahesh S. Chavan, Prof. Sandeep S. Magdum, Dr. Rahul R. Gaji, Dr. Anil R. Kadam, and Dr. Asma A. Shaikh expressed their inability to attend the Academic Council meeting due to personal reasons and prior academic commitments. The Chairman, **Dr. L.Y. Waghmode, Director, ADCET** permitted the proceedings of the meeting to continue in their absence.

Agenda Item No.1: To confirm the minutes and place the Action Taken Report of the 13th Academic Council Meeting held on 05th July 2025.

Discussion and Resolution: With the permission of the Chairman, the Member Secretary read out the minutes of the 13th Academic Council meeting held on 05th July 2025.

- The council reviewed and confirmed the minutes of the 13th Academic Council Meeting held on 05th July 2025. A detailed Action Taken Report (ATR) was presented to the council regarding the suggestion from the previous meeting.
- Suggestions - 1: Achievements *should be reported using qualitative descriptions supported by quantitative data. Future goals should indicate present status and targeted outcomes. Placement reports should include salary ranges in addition to average CTC.*

Action Taken

- All departments have prepared and submitted their **Department Development Plans (DDPs)** with quantified data to the Office of IQAC.
- The DDPs include measurable indicators related to:
 - Faculty Positions
 - Student Profile and Admissions





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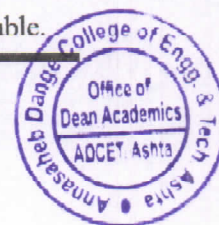
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- Student Performance
- Placements
- Higher Studies and Internships
- Research, Consultancy, Innovation, and Patents
- Co-curricular and Student Development Activities
- Industry Collaborations and Outreach Activities
- Departments have formulated **Strategic Goals and Objectives** along with a **year-wise roadmap and quantitative targets for the next five years**.
- A structured mechanism for **periodic monitoring and review** of the targets has been established.
- Departments have been instructed to report achievements using **qualitative descriptions supported by quantitative data** to ensure clarity and measurable outcomes.
- Future plans and goals will clearly indicate the **present status, annual milestones, and targeted outcomes**.
- Placement reports will henceforth include **minimum, maximum, and average salary packages (CTC)** to provide a comprehensive assessment of placement performance.
- **Suggestions - 2: Conducting a quality analysis of project components too.**
Action Taken
 - A structured framework for reviewing student projects has been adopted across all departments.
 - The review covers projects undertaken as part of the curriculum, including:
 - Major / Capstone Project (Final Year B.Tech)
 - Minor Degree Project (TY B.Tech)
 - Mini Project (Second Year B.Tech)
 - Departments have identified key evaluation parameters such as problem definition, methodology, implementation, outcomes, documentation quality, innovation, and societal/industry relevance.
 - Quantifiable project summaries, including the number of projects, project domains, industry-linked projects, publications, patents, prototypes, and competition participation, have been compiled by each department.
 - Departments have been advised to periodically review project outcomes and use the findings for continuous improvement in project quality and relevance.
- **Suggestions - 3: Include NPTEL video links and other e-resources as an integral part of the syllabus.**

Action Taken During the R3 curriculum revision, departments were advised to include relevant **NPTEL courses, SWAYAM resources, and other domain-specific e-resources** in the course design. The revised syllabus format provides space for listing such resources wherever applicable.





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- Relevant online learning resources and reference materials have been included in course files to support student learning.
- Faculty members are encouraged to refer students to these resources as supplementary learning materials.
- **Suggestions – 4 : Adopt an 80:20 curriculum articulation model, with 80% alignment to university requirements and 20% customization to industry needs.**

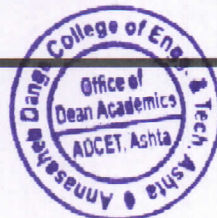
Action Taken

- All departments have considered the **80:20 curriculum articulation approach** during the R3 curriculum revision process.
- While retaining alignment with university requirements, departments have incorporated discipline-specific and industry-relevant topics wherever permissible within the curriculum framework.
- Departments have included suitable electives, project work, internships, and value-added learning components to address emerging industry requirements.
- **Suggestions – 5 : Benchmark the syllabus with reputed national institutions and carry out a comparative analysis of curriculum equivalence with peer institutions.**

Action Taken :

- During the curriculum revision process, departments referred to the curricula of reputed national institutions, autonomous institutes, and relevant model curricula.
- Inputs received from stakeholders including employers, alumni, faculty members, and students were considered while revising the curriculum.
- AICTE Model Curriculum, UGC guidelines, State NEP provisions, and other applicable regulatory requirements were considered while framing the curriculum structure.
- Departments carried out curriculum benchmarking and comparative analysis of course structure, credits, electives, laboratory components, and experiential learning aspects wherever relevant.
- The observations from the benchmarking exercise were considered during curriculum revision to enhance the quality and relevance of the programmes.

The Council approved the minutes and placed the Action Taken Report on record. During the discussion, the Committee enquired about quality outcomes, patent applications, NEP orientation programmes for faculty and students, faculty certifications, student feedback on the NEP implementation for the first batch of students passing out in 2026, uniqueness in the curriculum, consultancy initiatives, technology transfer, and industry-linked consultancy facilities. The queries were appropriately addressed, and the Committee appreciated the structured approach.





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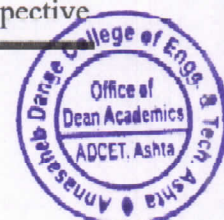


Agenda Item No.2 : To approve the NEP-compliant curriculum structure (SY to B. Tech) and Curriculum contents of **Second Year** for the **9 Undergraduate (B.Tech) Programmes (Mech, CSE, EE, Civil, Aero, Food Tech – Revision 3; AI & DS and CSE (IOT & CSBT) - Revision 2 & RAI – Revision 0)** and **Third Year** for the **BBA and BCA programmes (Revision 0)**, as reviewed and recommended by the respective Boards of Studies.

Discussion and Resolution: The Member Secretary provided a briefing on the preamble of all Boards of Studies along with the details and dates of their respective meetings.

Date of BoS Meeting	Name of the Board
03.04.2026	Computer Science and Engineering
10.04.2026	Food Technology
11.04.2026	Mechanical Engineering Artificial Intelligence and Data Science Robotics & Artificial Intelligence
17.04.2026	Electrical Engineering
18.04.2026	Aeronautical Engineering
22.04.2026	Civil Engineering
24.04.2026	Computer Science & Engg. (IoT and CS Including BCT)
25.04.2026	Bachelor of Business Administration (BBA) Bachelor of Computer Application (BCA)
25.05.2026	Basic Sciences

- The Member Secretary gave a detailed briefing to the newly inducted members on the UG Engineering Curricular Framework, including the year-wise credits offered as per NCrf levels and the category-wise credit distribution, although the framework had already been approved in the previous meeting.
- The Member Secretary provided a detailed briefing on the preamble of the various Boards of Studies, including their composition. The Academic Council members appreciated the inclusion of experts for specialized courses wherever required and noted that the respective Boards of Studies had reviewed and recommended the Second Year B. Tech curriculum structure and syllabus, as well as the Third-Year syllabi for the BBA and BCA programmes for implementation during 2026-27.
- The Member Secretary informed the Academic Council that the meetings of the respective Boards of Studies were conducted as per the approved schedule. He further apprised the Council that the Chairpersons of the respective Boards had prepared and submitted the Minutes of the Board of Studies meetings, along with the Action Taken Reports (ATRs) on the suggestions and recommendations of their respective Boards, for the Council's consideration and approval. The Academic Council noted the action taken by the respective





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Boards and appreciated the systematic incorporation of the recommendations into the curriculum development process.

- The Academic Council members examined the Minutes of the Board of Studies meetings, the Action Taken Reports, the proposed Second Year B. Tech curriculum structure and syllabus, and the Third-Year syllabi for the BBA and BCA programmes in detail.
- *After due deliberations, the Academic Council approved the recommendations of the respective Boards of Studies and accorded its approval to the SY-B.Tech to Final Year -B.Tech curriculum structures and SY syllabus, as well as the Third-Year syllabi for the BBA and BCA programmes, for implementation.*

Agenda Item No.3 : To approve the NEP-compliant curriculum structure (SY) and its curriculum contents for **4 Post Graduate (M.Tech) Programmes**, as recommended by the respective Boards of Studies. (MED, CSE, EPS & CE(CASE) - Revision 0)

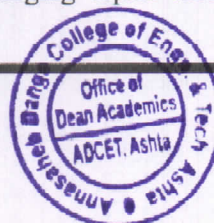
Discussion and Resolution:

Discussion:

The Member Secretary presented the NEP-compliant Second Year curriculum structure and curriculum contents (Revision 0) for the four M.Tech programmes. The Academic Council members appreciated the efforts of the respective Boards of Studies in designing the curriculum in line with the National Education Policy (NEP) and the requirements of postgraduate education.

During the deliberations, the Academic Council members made the following suggestions for further strengthening the curriculum:

- Instead of offering Professional Elective-I, Professional Elective-II, etc., a common bouquet of professional electives may be created to provide greater flexibility in course selection. In addition, for the M. Tech Electrical Power Systems (EPS) programme, new professional electives such as DSP- and FPGA-based Controllers, HVDC and FACTS, and Advanced Control Systems would be incorporated into the existing bouquet of elective courses.
- The number and variety of professional elective courses may be increased to provide students with wider academic choices.
- Academic credits may be earmarked for internships to promote industry exposure and experiential learning.
- Advanced laboratory course may be introduced by integrating experiments from multiple courses into a common laboratory.
- Self-learning courses may focus on advanced and emerging topics relevant to the respective disciplines.





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- An open-ended laboratory component carrying one credit may be considered to encourage innovation, problem-solving, and research-oriented learning.

The Council thereafter approved the NEP-compliant Second Year curriculum structure and curriculum contents (Revision 0) for the four M.Tech programmes, namely Mechanical Engineering (MED), Computer Science and Engineering (CSE), Electrical Power Systems (EPS), and Civil Engineering (Computer Aided Structural Engineering – CASE), as recommended by the respective Boards of Studies, for implementation.

Agenda Item No. 4 : To update on the increase in intake from 60 to 120 for B.Tech. - CE & B.Tech. - AIDS programmes and the commencement of a New UG programme (B.Tech. - ETC) with an intake of 60 from AY 2026-27.

Discussion and Resolution:

The Academic Council was updated of the increase in intake capacity for the B.Tech. – Civil Engineering (CE) and B.Tech. – Artificial Intelligence and Data Science (AIDS) programmes from 60 to 120 seats each, effective from the Academic Year 2026-27, as approved by AICTE through the Extension of Approval (EoA). (F.No. Western/1-46260430913/2026/EOA Date of Approval: 08-May-2026)

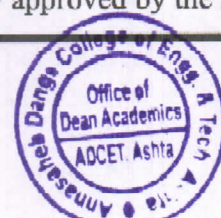
Further, the Council was informed about the commencement of a new undergraduate programme, B.Tech. – Electronics and Telecommunication Engineering (ETC) with an approved intake of 60 seats from the Academic Year 2026-27.

The Council noted the above and appreciated the Institute's efforts to expand its academic offerings and strengthen its capacity to meet the evolving needs of engineering education.

Further, the Academic Council acknowledged the increase in intake for the B.Tech. – Civil Engineering (CE) and B.Tech. – Artificial Intelligence and Data Science (AIDS) programmes, and the commencement of the B.Tech. – Electronics and Telecommunication Engineering (ETC) programme from AY 2026-27, subject to statutory approvals.

Agenda Item No. 5 : To approve the NEP-compliant curriculum structure (FY) and its curriculum contents of a New UG Programme (B.Tech. – ETC) recommended by the Boards of Studies.

Discussion and Resolution: The Academic Council noted that the proposed NEP-compliant First Year curriculum structure for the B.Tech. – Electronics and Telecommunication Engineering (ETC) programme comprises courses already approved by the respective existing





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Boards of Studies. The members were informed that, upon constitution of the Board of Studies for the ETC programme after the nomination of members by **Shivaji University, Kolhapur (SUK)**, the proposed curriculum structure will be placed before the Board for ratification.

The Academic Council approved the implementation of the proposed First Year curriculum structure and curriculum contents from AY 2026-27, subject to subsequent ratification by the Board of Studies.

Agenda Item No. 6 : To consider and approve the degree pathways and the Structure of Minor, Honors, Honors by Research, and Specialization Minor programmes proposed for incorporation in the revised curriculum.

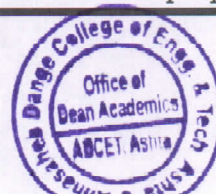
Discussion and Resolution:

The Academic Council was informed about Government Resolution No. संकीर्ण-२०२६/ई-१६०९७२२/विशि-३ dated 06.04.2026, prescribing the NEP-based degree pathways for undergraduate engineering programmes. Accordingly, the Institute requested the Academic Council to adopt the following 3-degree pathways for implementation under the revised curriculum:

1. B.Tech. Programme - Single Major with Mandatory Multidisciplinary Minor (14 Credits).
2. B.Tech. Programme - Single Major with Double Minor, comprising Mandatory Multidisciplinary Minor (14 Credits) and Emerging Specialization Minor (18 Credits).
3. Honours B.Tech. Degree Programme - Single Major with Mandatory Multidisciplinary Minor (14 Credits) and Honours (18-20 Credits).

The curriculum structures of all Minor streams, Honours streams, and five Emerging Specialization Minor streams proposed by the respective departments were presented for incorporation into the revised curriculum.

Further, in accordance with the above Government Resolution, the Institute requested the Academic Council to permit the implementation of the **Honours with Research (20 Credits) additional pathway** for the NBA-accredited undergraduate programmes in Civil Engineering, Computer Science & Engineering, Electrical Engineering, and Mechanical Engineering, considering the availability of corresponding postgraduate programmes and Ph.D.-qualified faculty / recognized Ph.D. research guides. The Institute also explained its philosophy behind the Honours programme, wherein the Honours courses are proposed to be offered through





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dedicated tracks of the existing Professional Electives. This approach is intended to encourage greater student participation in the Honours programme by providing a structured learning pathway while utilizing the existing elective framework. It was also explained that offering Honours programmes through MOOCs poses challenges in identifying an adequate number of suitable courses within a specific specialization track. Additionally, such courses have witnessed relatively low student interest and participation, resulting in limited enrolment and reduced uptake of the Honours pathway.

During the deliberations, the Academic Council suggested that the Honours tracks should progressively incorporate advanced and postgraduate-level courses to enhance academic rigor and better prepare students for higher studies and research. The Council also recommended renaming the Minor stream "Basic Mechanical" to a more appropriate and descriptive title.

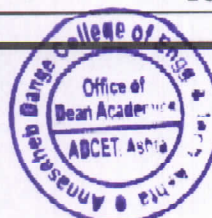
The Academic Council approved the proposed degree pathways, the curriculum structures of all Minor, Honours, and Emerging Specialization Minor streams, permitted the implementation of the Honours with Research pathway for the eligible programmes, and recommended renaming the "Basic Mechanical" Minor stream before implementation.

Agenda Item No. 7 : To ratify Honour / Minor Degree completion by eligible 2026 pass-out students.

Discussion and Resolution:

The Member Secretary informed the Academic Council that eligible students had successfully completed the **Honours Degree Programme (18 additional credits)** and the **Specialization Minor (Double Minor) Programme (18 additional credits)** during the academic year **2025-26**, as per the Institute's Autonomous Regulations. The Council noted the department-wise details as follows:

Department	Programme	Specialization	No. of Students
Computer Science & Engineering	Honours Degree	Cloud Architect	26
Computer Science & Engineering (IoT & CS including BCT)	Honours Degree	Cloud Architect	12
Artificial Intelligence & Data Science	Honours Degree	Cloud Architect	14
Electrical Engineering	Honours Degree	E-Mobility	01
Computer Science & Engineering (IoT & CS including BCT)	Specialization Minor (Double Minor)	Cyber Security	04
Total			57





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The members appreciated the efforts of the departments in successfully implementing the Honours Degree and Specialization Minor (Double Minor) programmes. The Council encouraged all departments to create greater awareness among students and motivate more eligible students to enroll in these programmes in the coming academic years.

In conclusion, the academic council members ratified the completion of the Honours Degree and Specialization Minor (Double Minor) programmes by totally 57 eligible students upon confirmation that they had fulfilled the prescribed academic requirements and earned the required credits.

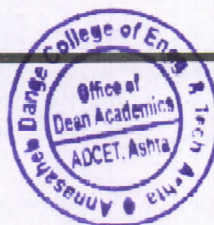
Agenda Item No. 8 : To consider and approve the implementation of Open Elective Courses through NPTEL/SWAYAM for the Academic Year 2026-2027

Discussion and Resolution:

The Member Secretary informed the Academic Council that, in line with the provisions of NEP 2020 and the Institute's Autonomous Regulations, it is proposed to implement **Open Elective Courses through the NPTEL/SWAYAM platform** from the Academic Year 2026-2027. The initiative will provide students with access to nationally recognized online courses offered by premier institutions such as IITs and IISc, facilitate credit transfer, promote multidisciplinary learning, and support flexible, self-paced learning, thereby enhancing employability and lifelong learning.

The Council was further informed that the **BoS Chairperson of the respective programme shall be authorized to finalize the semester-wise basket of NPTEL/SWAYAM Open Elective courses** based on course availability, relevance, and emerging industry requirements. Students shall have the flexibility to select courses from the approved semester-wise course basket notified by the respective BoS. The course basket may be reviewed and updated every semester to incorporate newly introduced courses and technological advancements.

The members appreciated the initiative and emphasized encouraging maximum student participation in NPTEL/SWAYAM courses to strengthen multidisciplinary learning and improve graduate outcomes. It was suggested that the Institute explore the possibility of considering relevant courses offered through reputed online learning platforms such as *Coursera, Udemy, and iversity*, subject to their quality, relevance, and compliance with the Institute's academic regulations.





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Resolved that the Academic Council approved the implementation of NPTEL/SWAYAM-based Open Elective Courses for the Academic Year 2026–2027. The Council further authorized the respective BoS Chairpersons to finalize and periodically revise the semester-wise course basket based on course availability, relevance, and emerging industry requirements. Students shall be permitted to register for Open Elective courses from the approved course basket, and the credit transfer and evaluation shall be carried out in accordance with the Institute's Autonomous Regulations and the applicable NPTEL/SWAYAM guidelines.

Agenda Item No.9 : To approve the Vision, Mission, Programme Educational Objectives (PEOs), and Programme Specific Outcomes (PSOs) of the B.Tech. Robotics and Artificial Intelligence programme, and the Programme Educational Objectives (PEOs) and Programme Outcomes (POs) of the 4 Postgraduate (PG) programmes.

Discussion and Resolution:

The Member Secretary informed the Council that, in accordance with the Institute's strategic plan, Outcome-Based Education (OBE) framework, AICTE guidelines, and NEP-2020, the newly established Department of Robotics and Artificial Intelligence has formulated its Vision, Mission, and Programme Educational Objectives (PEOs), through a structured stakeholder-driven process.

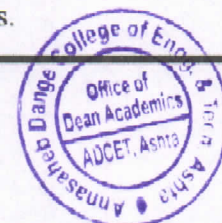
The Council noted that the Vision and Mission statements were developed after obtaining inputs from different stakeholders, while also considering the Institute Vision and Mission and suggestions received during previous accreditation exercises. The draft Vision and Mission statements were reviewed and approved by the Board of Studies (BoS), Internal Quality Assurance Cell (IQAC), and subsequently recommended to the Academic Council.

The proposed Vision of the Department is:

"To be a leader in producing professionally competent Robotics and Artificial Intelligence Engineers."

The corresponding Mission Statements are:

- M1: Building competence through outcome-based education.
- M2: Fostering innovation through skill-oriented courses and industry collaboration.
- M3: Promoting research and innovation through problem-solving practices.
- M4: Advancing excellence through national and global collaborations.





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The Council appreciated that the Vision and Mission are aligned with the Institute's Vision and Mission and adequately address contemporary technological developments, innovation, research, entrepreneurship, and industry expectations.

The Member Secretary further presented the structured process adopted for formulating the Programme Educational Objectives (PEOs) of the undergraduate programme. The Council noted that the PEOs were formulated after extensive consultation with different stakeholders. The proposed PEOs were reviewed through the established quality assurance mechanism.

The proposed PEOs of the Department of Robotics and Artificial Intelligence are as follows:

PEO1: Apply strong foundations in Robotics, Artificial Intelligence, and allied engineering disciplines to solve real-world problems. (Domain Knowledge)

PEO2: Design, develop, and innovate intelligent robotic systems using technical, analytical, and problem-solving skills. (Core Competencies)

PEO3: Engage in continuous learning, research, and adaptation to emerging technologies for professional growth. (Lifelong Learning)

PEO4: Demonstrate ethical conduct, teamwork, leadership, and entrepreneurial mindset while contributing to sustainable societal and industrial development. (Professionalism)

The Member Secretary also informed the Council that the Programme Educational Objectives (PEOs) and Programme Outcomes (POs) for the following newly introduced Postgraduate Programmes have been formulated in accordance with AICTE guidelines, NBA Outcome-Based Education framework, and the Institute's quality assurance mechanism:

- M.Tech. Mechanical Engineering Design
- M.Tech. Computer Science and Engineering
- M.Tech. Electrical Power System
- M.Tech. Computer-aided Structural Engineering

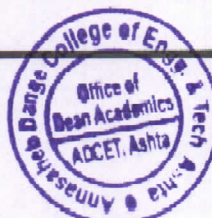
The proposed PEOs and POs of the newly introduced Postgraduate Programmes are as follows:

1. PG Mechanical Engineering Design

A. Program Educational Objectives (PEOs) :

PEO 1: Core Knowledge and Research Competency

To apply advanced Mechanical Design Engineering knowledge and analytical skills to solve complex engineering problems, conduct innovative research, and develop sustainable engineering solutions.





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PEO 2: Adaptation to Emerging Technologies

To effectively utilize emerging technologies, modern engineering tools, digital design methods, and interdisciplinary approaches to address evolving industrial and societal needs.

PEO 3: Lifelong Learning and Career Advancement

To pursue lifelong learning, professional development, and ethical engineering practice for leadership roles, higher studies, research, professional certifications, and career growth in academia, industry, or entrepreneurship.

B. Program Outcomes (POs):

PO1: An ability to independently carry out research /investigation and development work to solve practical problems.

PO2: An ability to write and present a substantial technical report/document.

PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program, Mechanical Engineering Design. (The mastery should be at a level higher than the requirements in the appropriate bachelor program.)

PO4: Ability to apply modern engineering tools, computational techniques, and emerging technologies for the analysis, design, optimization, and development of innovative engineering solutions.

PO5: An ability to analyze the societal, ethical, environmental, and sustainability impacts of mechanical engineering design solutions.

2. PG Computer Science and Engineering

A. Program Education Objectives (PEOs)

PEO 1: Advanced Knowledge and Research Competency:

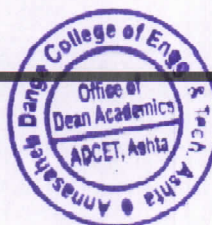
Demonstrate advanced knowledge in Computer Science and Engineering to analyze complex problems, develop innovative solutions, and contribute to research and development.

PEO 2: Emerging Technologies and Innovation:

Apply emerging technologies and modern tools to design efficient, scalable, and sustainable solutions for real-world challenges.

PEO 3: Lifelong Learning and Career Advancement:

Engage in lifelong learning, research, entrepreneurship, and higher studies to adapt to evolving technologies and global challenges.





Sant Dnyaneshwar Shikshan Sanstha's

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B. Program Outcomes (PO)

PO1 : An ability to independently carry out research /investigation and development work to solve practical problems.

PO2 : An ability to write and present a substantial technical report/document.

PO3 : Students should be able to demonstrate a degree of mastery over the area of Computer Science and Engineering.

PO4 : An ability to apply advanced computing concepts, methodologies, and modern tools to design solutions for complex real-world problems.

PO5 : An ability to analyze the societal, ethical, and environmental impact of computing solutions.

3. PG Electrical Power System

A. Program Educational Objectives (PEOs)

PEO 1: Core Knowledge and Research Competency

To demonstrate advanced knowledge and analytical skills in Electrical Power System Engineering, enabling them to solve complex engineering problems, undertake innovative research, and contribute to the development of sustainable and efficient engineering products and solutions.

PEO 2: Adaptation to Emerging Technologies

To effectively adapt and utilize emerging technologies, modern engineering tools, simulation techniques, and interdisciplinary approaches to address evolving industrial and societal needs.

PEO 3: Lifelong Learning and Career Advancement

To engage in lifelong learning, professional development, and ethical engineering practice, enabling them to achieve leadership roles, pursue higher studies and research and advance their careers in academia, industry, or entrepreneurship.

B. Program Outcomes (POs)

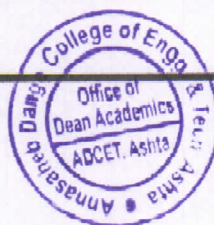
PO1: An ability to independently carry out research /investigation and development work to solve practical problems.

PO2: An ability to write and present a substantial technical report / document.

PO3: Students should be able to demonstrate a degree of mastery over the area of Electrical Power Systems.

PO4: An ability to apply advanced power system concepts, methodologies, and modern tools to design solutions for complex real-world problems.

PO5: An ability to analyze the societal, ethical, and environmental impact of electrical power system solutions.





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4. PG - Computer Aided Structural Engineering

A. Program Educational Objectives (PEOs)

PEO1: Advanced Knowledge and Research Competency:

Demonstrate advanced knowledge in structural engineering to analyze complex problems, develop efficient solutions, and contribute to research and development.

PEO2: Emerging Technologies and Innovation:

Apply modern computational techniques, advanced engineering tools, and emerging technologies to develop safe, sustainable, and innovative solutions for structural engineering applications.

PEO3: Lifelong Learning and Career Advancement:

Engage in lifelong learning, research, entrepreneurship, and higher studies to adapt to evolving technologies and emerging challenges in structural engineering

B. Program Outcomes (POs)

PO1: An ability to independently carry out research /investigation and development work to solve practical problems.

PO2: An ability to write and present a substantial technical report/document.

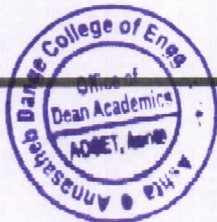
PO3: Demonstrate advanced proficiency in structural engineering concepts, methods, and practices required for addressing complex structural engineering applications.

PO4: Apply modern computational techniques, advanced engineering tools, and emerging technologies to develop safe, sustainable, and innovative solutions for structural engineering applications.

PO5. Analyze the societal, ethical, and environmental impact of structural engineering solutions.

The Council appreciated that the proposed PEOs and POs emphasize advanced engineering knowledge, research competency, innovation, modern engineering tools, professional ethics, sustainable development, leadership, and lifelong learning, thereby fulfilling the expectations of academia, industry, research organizations, and society.

Resolved that the Academic Council approved the Vision, Mission and PEOs of the Department of Robotics and Artificial Intelligence, and the PEOs and POs of the four M. Tech programmes for implementation, with periodic review through the Institute's quality assurance mechanism.





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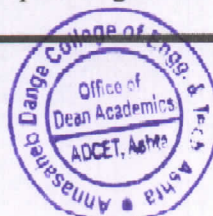


Agenda Item No. 10 : To consider and approve the implementation of On-Screen Assessment, amendments to the Make-up Examination Scheme, and review of students' academic performance in examinations during the Academic Year 2025-2026.

Discussion and Resolution:

- **Implementation of On-Screen Assessment:** The Academic Council was briefed on the successful rollout of the digital On-Screen Assessment initiative starting from the **2025-2026**. The Council noted the operational benefits achieved, including the complete elimination of manual data entry in marks processing, the immediate availability of granular (bit-wise/question-wise) marks analysis, enhanced accountability among examiners, and the resulting capability for the timely declaration of final results.
- **Review of Academic Performance (AY 2025-2026):**
 - *Odd Semester (December 2025):* The Council reviewed the Semester Performance Index (SPI) data for **627 Final Year B. Tech.** students. The results showed that **67%** achieved an SPI above 7.75, while 21% scored between 6.75 and 7.75. This data was previously presented and endorsed during the 17th meeting of the Institute Examination Committee (IEC) on May 26, 2026.
 - *Even Semester (May 2026):* The graduation Cumulative Performance Index (CPI) metrics were evaluated. The overall academic outcome was highly satisfactory, with **79%** of the batch graduating with *First Class with Distinction* (>7.75 CPI) and **18%** securing a *First Class*.
- **Amendment in Make-up Examination Scheme:** To facilitate faster student progression and prevent academic delays, an amendment to the supplementary examination structure was presented. Under the previous practice, backlog subjects could only be cleared during their respective designated semester terms. The revised scheme introduces cross-term opportunities, enabling students to sit for Odd Semester backlogs during Even Semester make-up windows and vice-versa. This student-centric policy eliminates the need to wait a full academic year to clear backlog courses.

The members enquired about the existing revaluation process. After detailed deliberations, it was suggested that a question-wise challenge mechanism be adopted in place of the existing practice of revaluation of the entire answer script. This approach was considered more transparent, efficient, and focused on addressing specific grievances raised by students.

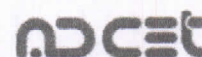




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Resolved that the Academic Council hereby approves and ratifies the implementation of the On-Screen Assessment system effective from the Academic Year 2025–2026, accepts and formally records the comprehensive Final Year B. Tech. academic performance data for both the Odd Semester (December 2025) and Even Semester (May 2026) examinations, and officially approves the structural amendments to the Make-up Examination Scheme.

Agenda Item No. 11 : To review and update the Faculty Contributions and Research & Development (R&D) activities during the Academic Year 2025–2026.

Discussion and Resolution:

The Academic Council reviewed the comprehensive report on Faculty Contributions and Research & Development (R&D) activities for the Academic Year 2025–2026. The performance across various metrics was highlighted as follows:

- **Faculty Qualifications & Nominations:** The institute currently has **57 Ph.D. holders, 20 approved Ph.D. supervisors/guides, and 73 faculty members actively pursuing their Ph.D. programs.** Additionally, **10 faculty members** from the Mechanical, Civil, and AIDS departments were nominated for the prestigious **AICTE QIP-PG Certification Courses** at premier institutes like SVNIT Nagpur, IIT Nagpur, IIT Dharwad, and IIT Kanpur.
- **Research Publications & Patents:** During the AY 2025–2026, faculty members published **84 papers in International Journals, 2 in National Journals, 87 in International Conferences, and 4 in National Conferences,** alongside **3 Books and 9 Book Chapters.** Notably, indexing tracking showed **68 papers in Scopus and 27 in SCI.** On the intellectual property front, **16 patents were filed, 14 published, and 1 was granted.**
- **Sponsored Research, Seed Funding & Consultancy:** A total of **48 funding proposals** were submitted to various agencies (including AICTE, DST, ANRF-SERB, INSA, ICSSR, and Shivaji University). The institute received **Rs. 1,22,230/-** for proposals. To encourage internal research, **21 Seed Money Proposals** were sanctioned out of 37 submissions, totaling an amount of **Rs. 4,89,600/-.** Furthermore, active institutional consultancy across Mechanical, Electrical, Civil, Aeronautical, and AI&DS departments generated a robust total revenue of approximately **Rs.30 Lakhs.**
- **Innovation, Incubation & Hackathons:** The Institution's Innovation Council (IIC) conducted 41 activities and 6 research initiatives. The national-level **ADCET Hackathon**





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Season-03 (2K26) achieved a major milestone with **746 registered teams** (including 80 out-of-state teams representing 300 institutes) and approximately 47,000 impressions on the Unstop platform. The Mini Project Exhibition engaged 476 students across 133 groups with a sponsored amount of **Rs. 13,10,000/-**.

- **Ecosystem Development:** Under the Design Thinking Exhibition, 135 ideas were identified as eligible for patenting, while the Yukti National Innovation Repository recorded 199 Ideas/PoCs, 74 Innovations/Prototypes, and 125 Product Ideas. To systematically sustain these entrepreneurial efforts, the institute has established the **Annasaheb Dange Research & Innovation Foundation (a Section 8 Company)** on campus to provide structured incubation support.

The Academic Council appreciated the commendable progress made by the Institute in research, innovation, faculty development, consultancy, and entrepreneurship during the Academic Year 2025–2026. The Council commended the faculty members for their significant contributions and encouraged all departments to further enhance the quality and impact of research, secure more externally funded projects, strengthen consultancy and interdisciplinary collaborations, promote intellectual property generation, and foster technology-driven innovations in alignment with the Institute's strategic goals.

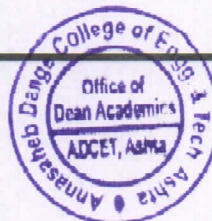
Resolved that the Academic Council reviewed, noted, and approved the Faculty Contributions and Research & Development (R&D) activities for the Academic Year 2025–2026.

Agenda Item No. 12 : To review and approve the Students' Participation in Co-curricular and Extra-curricular Activities, and Placement Performance during the Academic Year 2025–2026.

Discussion and Resolution:

The Academic Council was briefed on a detailed report highlighting student performances, professional skill development initiatives, national-level achievements, and final placement metrics for the Academic Year 2025–2026:

- **Student Activities & Co-curricular Engagement:** The council reviewed the branch-wise distribution of co-curricular events. A total of 40 seminars/workshops and 75 guest lectures were organized across all departments. The Computer Science and Engineering (CSE) department led student engagement with 1,152 participations in symposiums/code contests and 69 prizes won.





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- **NPTEL & SWAYAM Certifications:** The institution demonstrated outstanding performance in online certifications. In Term I, 73% of third-year students (523 out of 714) achieved NPTEL certification. Notably, final-year B.Tech students achieved a 96% completion rate (604 out of 627) in the Indian Knowledge System course. Term II third-year results rose significantly to a 94% certification rate (673 out of 716). Due to these metrics, ADCET was conferred the *prestigious PROSPECT Award* and the *ACTIVE SPOC Award* by IIT Bombay for the July–December 2025 semester.
- **Outstanding Individual Achievements:**
 - Mr. Sujal S. Pol (Electrical): Secured a cash prize of ₹2,00,000 in the Sugar Hackathon organized by the Indian Sugar & Bio-energy Manufacturers Association.
 - Mr. Aditya Borde (Aeronautical): Secured 1st prize with a cash award of ₹1,00,000 in "Hackathon Infotsav'25".
 - Mr. Tanmay Patil & Team (AIDS): Secured First Rank and a cash prize of ₹1,00,000 at the National-Level Hackathon conducted by IITM Gwalior.
 - Ms. Janhavi Patil (Aeronautical): Underwent a prestigious one-month training program at ISRO Sriharikota.
- **Training & Placement Metrics:** The members reviewed the exhaustive training framework spanning across service providers like Apt-Tech and GTT, covering Java FSD, Company-Specific conditioning, and diversity drives (such as Infosys Foundation's "Aspire for Her"). For the AY 2025–26, the college achieved a 95% placement rate, successfully placing 385 out of 405 eligible students. A total of 491 offers were generated across 84 visiting companies, yielding a highest package of 12.34 LPA and an average package of ~4.02 LPA.
- The Academic Council noted that the students of the B.Tech. Computer Science and Engineering and Computer Science and Engineering (IoT, CS with BCT) programmes successfully developed and implemented industry-sponsored IoT solutions for Zanvar Group, MIDC, Kolhapur, demonstrating industry-ready innovation, technical competence, and practical skills. The Director appreciated the valuable support and collaboration extended by Zanvar Group in providing industry exposure and opportunities for experiential learning to the students.





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The members of the Academic Council expressed great satisfaction with the high placement percentage, the high density of NPTEL certifications, and the valuable national-level hackathon wins accumulated by the students.

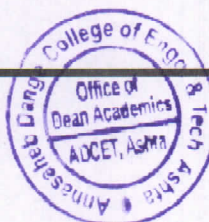
Resolved that the comprehensive report concerning Students' Participation in Co-curricular & Extra-curricular activities, NPTEL/SWAYAM certification accomplishments, exceptional competitive triumphs, and the Training and Placement performance for the Academic Year 2025–2026 be hereby approved and noted.

Agenda Item No. 13 : Any other item with the permission of chair

Discussion and Resolution:

The Member Secretary presented the initiatives executed focusing on international academic exposure and alumni engagement statistics:

- ***International Collaborations & Virtual Sessions:*** The council was briefed on a high-impact international virtual session collaboratively organized by the CDC, Alumni Cell, and the Dean of International Collaborations. The initiative directly connected ADCET students with global research opportunities and industry-relevant methodologies. As part of this international push, a virtual lab showcase and keynote address were delivered by Dr. Atul Sagade, a Professor at the University of Tarapacá. The session aimed at inspiring students through global research insights and promoting academic excellence.
- ***Alumni Contributions (AY 2025-26):*** The year-wise summary of alumni contributions for the Academic Year 2025-26 was tabled, showcasing substantial growth across multiple engagement metrics:
 - Institutional MoUs: 1 new MoU was signed, leading to 2 distinct events.
 - Placement & Internship Support: Alumni facilitated 3 placement drives resulting in 12 placement offers, alongside partnering with 5 industries to secure 16 internship offers for current students.
 - Training & Guidance: 9 career guidance sessions benefited 360 students, while 8 specialized workshops/training programs directly impacted 450 students. Furthermore, 23 technical interactions/expert sessions reached 920 students.





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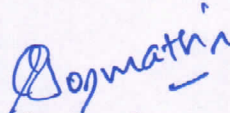


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- o Material & Financial Philanthropy: Alumni donated 30 books valued at **Rs. 15,000**. Most notably, a record 579 alumni contributed to a cumulative fund donation of **Rs. 4,49,500** during the academic period.

The members of the Academic Council appreciated the expanding footprint of international interactions and the scaled-up financial and instructional contributions made by the alumni network.

Dr. L. Y. Waghmode, Director, formally concluded the proceedings of the meeting. Thereafter, Dr. Gopinath S, Dean Academics, proposed a formal vote of thanks to all the esteemed members, expressing profound appreciation for their presence and the invaluable recommendations extended during the deliberations.


**Member Secretary
Academic Council**


**Chairman
Academic Council**

