



**Minutes of 9<sup>th</sup> Academic Council Meeting**

Minutes of the meeting of 9<sup>th</sup> Academic Council (AC) held on 13-12-2022, at 02.00 pm in online mode (MS Teams) under chairmanship of Dr. Vikram. S. Patil, Director – ADCET, Ashta. The Chairman welcomed members present for the Academic Council meeting. Following members were present for the 9<sup>th</sup> Academic Council Meeting:

Sr. No	Name	Position
1.	<b>Prof. R. A. Kanai</b> Executive Director	Management Representative
2.	<b>Dr. Vikram S. Patil</b> Director, ADCET, Ashta	Chairman
3.	<b>Dr. B. N. Chaudhari</b> Principal, Sardar Patel Institute of Technology, Mumbai.	Member
4.	<b>Dr.G.R.Munavalli</b> Professor,Walchand College of Engineering, Sangli	Member
5.	<b>Dr. S.M.Pise</b> Professor, Department of Mechanical Engineering, KIT's College of Engineering, Kolhapur	Member
6.	<b>Dr. D. B.Kulkarni</b> Professor, Department of Information Technology, Walchand College of Engineering, Sangli	Member
7.	<b>Dr. H.S.Jadhav,</b> Professor, Department of Civil Engineering, Rajarambapu Institute of Technology, Islampur	Member
8.	<b>Prof. M.M.Jadhav</b> HoD, Mechanical Engineering, ADCET, Ashta	Member
9.	<b>Prof. S. S. Sayyad</b> Dean Training & Placement & HoD, Computer Science & Engineering, ADCET, Ashta	Member
10.	<b>Dr. Kamatchi KannanV.</b> HoD, Electrical Engineering, ADCET, Ashta	Member



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11.	<b>Prof. S. S. Mohite</b> HoD, Civil Engineering and Basic Sciences, ADCET, Ashta	Member
12.	<b>Prof. Kiran Babu K.M</b> HoD, Aeronautical Engineering, ADCET, Ashta	Member
13.	<b>Dr. V. D.Talnikar</b> HoD, Food Technology, ADCET, Ashta	Member
14.	<b>Prof. Krishna Kumar. L.</b> HoD, Artificial Intelligence and Data Science, ADCET, Ashta	Member
15.	<b>Prof. S. M. Patil</b> HoD, Automobile Engineering, ADCET, Ashta	Member
16.	<b>Prof. S. B. Hivarekar</b> Dean Administration	Member
17.	<b>Prof. V. B. Patil</b> Controller of Examinations, ADCET, Ashta	Member
18.	<b>Dr. A.N.Jadhav</b> Dean R&D, ADCET, Ashta	Member
19.	<b>Prof. K. J. Burle</b> Dean Quality Assurance, ADCET, Ashta	Member
20.	<b>Dr. Gopinath S</b> Dean Academics, ADCET, Ashta	Member- Secretary

Dr. V. S. Bandal, Dr.S.A. Pardeshi, Mr. Nitin Zanvar, Dr. S. P. Chavan, Dr. P. D. Kulkarni was unable to attend meeting due to their personal engagements. The chairman allowed carrying the proceedings of the Academic Council.

**Agenda Item No.1: To confirm the minutes of 8<sup>th</sup> Academic Council held on 18/12/2021**  
**Discussion and Resolution:** With permission from Chairman; Member Secretary read the minutes of 8<sup>th</sup> meeting of Academic Council held on 18/12/2021. All members present confirmed the minutes of said meeting.



**Agenda Item No.2:** To place before the Academic Council the report about the action taken on the decisions of its 8<sup>th</sup> Academic Council held on 18/12/2021

**Discussion and Resolution:** Report about action taken on the decisions of its 8<sup>th</sup> Academic Council held on 18/12/2021 presented by Dr. Gopinath S.

Agenda Item No.	Decisions Taken / Recommendations	Action Taken
3: To discuss and approve curriculum contents of Final Year B. Tech (1st Revision)	For Electrical Engineering: <ul style="list-style-type: none"><li>• Use higher order Bloom's Taxonomy levels to map courses outcomes in case of professional electives and application-based courses.</li><li>• Case studies should be added in courses contents.</li></ul>	Higher order Bloom's taxonomy levels to map course outcomes in professional electives and application-based courses have been done. Case studies have been added to the professional electives and application-based courses. The courses are as follows: <ul style="list-style-type: none"><li>• Embedded System: Case Study has been added to Unit 6.</li><li>• Computer Methods in Power Systems: Case Study has been added to units 2, 3, and 4.</li><li>• Energy Storage System: Case Study has been added to units 4 and 5.</li><li>• 4. Power Quality Issues and Mitigation: A Case Study has been added to Unit 6.</li></ul>
4: To discuss and approve curriculum structure and contents of 2 New UG Programmes (Artificial Intelligence & Data Science; CSE: IOT and Cyber Security including Block Chain Technology)	<ul style="list-style-type: none"><li>• Identify experts to teach specialized courses.</li><li>• Use various resources like Springboard LMS launched by Government of Maharashtra in association with Infosys to train faculty members in specific specialized areas.</li></ul>	<ul style="list-style-type: none"><li>• As per the suggestions, the experts to teach specialized courses have been identified.</li><li>• Faculty members are suitably trained</li></ul>



8: Any other item with the permission of chair	Faculty members should develop relations with industry friends/persons and invite them for sharing the knowledge as co-teaching some courses to enhance industry-institute interaction. This will help to get internships, industry projects, etc for students.	More emphasis has been given to industry-institute interaction as an important step towards empowering the skills of engineering students. Faculty members are visiting the industry to enhance their skills in their respective courses, and it also helps to get internships, guest lectures, industry projects, placements, etc. for students.
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Members appreciated the action taken report and approved the same.

**Agenda Item No.3:** a) To discuss and approve Curriculum Structure of First Year B. Tech and its Syllabus Content.

**Discussion and Resolution:**

- Preamble of recently held Board of Studies (BoS) meeting and First Year B.Tech Curriculum Structure along with Syllabus of Six UG Programmes was presented by respective Head of the Departments (Chairman of respective BoS).
- The presentation was held in the following sequence viz. Mechanical, CSE, Electrical, Civil, and Aeronautical of 2<sup>nd</sup> Revision and Food Technology of 1<sup>st</sup> Revision.
- The approval for the Curriculum Structure of First Year B.Tech was granted by Academic Council Members with the following suggestions.
  1. Computer Science and Engineering
    - Data Communication Course to be shifted from Semester I to Semester II.
    - Python can be included as programming language for First Year in all undergraduate programs and C / C++ Programming course can be taken from second year onwards.
  2. Electrical Engineering:
    - The course titled, Analog and Digital Electronics needs to be taught as separate courses viz. Analog Electronics & Digital Electronics.



b) To discuss and approve New Curriculum Structure of Second Year to Final Year.

The Head of the Departments have presented the New Curriculum Structure of Second Year to Final Year. The following suggestions are given by Academic Council Members.

1. Mechanical Engineering

- To include more courses related to enhance the programming skills useful for domain specific applications.
- More emphasis on courses related to Automation and Robotics shall be included.

3. Electrical Engineering:

- The course titled, Analog and Digital Electronics needs to be taught as separate courses viz. Analog Electronics & Digital Electronics.
- Give more emphasis on Digital Signal Processing along with Signals and Systems with increase in credits.
- Courses titled Engineering Thermodynamics, Industrial Electrical Systems and Electrical Machine Design to be included in the Curriculum Structure.
- Professional Elective Tracks can be Track 1 - Power Engineering & Power Electronics, Track 2 - Renewable Energy Systems, Track 3 - Embedded Systems & IoT and Track 4 - E Mobility is suggested.

In addition, the following suggestions need to be considered in the curriculum structure.

- To emphasize more on lab courses with reasonable credits allocation in comparative with theory course credits.
- Open Elective can have 12 – 18 Credits.

**Agenda Item No.4:** To discuss and approve the Second Year Contents of two UG programmes (Artificial Intelligence & Data Science and CSE (IOT and Cyber Security including Block Chain Technology) – 0<sup>th</sup> Revision

**Discussion and Resolution:**

- Preamble of recently held Board of Studies (BoS) of said two UG programmes along with AC recommendations of above said 2 UG Programmes was presented by respective Head of the Departments (Chairman of respective BoS). Members approved the SY Syllabus Contents of the said two UG programmes. The approval for the Curriculum Structure of First Year B.Tech was granted by Academic Council Members with the following suggestions.



1. Artificial Intelligence & Data Science

- Course titled Parallel Computing can to be included in the Curriculum Structure with the due discussion in the next BoS.

2. CSE (IOT and Cyber Security including Block Chain Technology)

- To have an alternate course for In-plant Training proposed in the curriculum structure in VII Sem.
- In order to emphasize more on Operating System and Data Base Security, a separate course may be proposed.
- Python can be included as programming language for First Year.

**Agenda Item No.5:** To discuss and approve the changes in the structure and guidelines of Honors and Minors already approved in 8th Academic Council Meeting held on 18/12/2021.

**Discussion and Resolution:** Dr. Gopinath S, (Dean Academics) presented changes in the structure and guidelines of Honors and Minors and proposed for ratification by Academic Council. Honors/Minor degree scheme is effective from academic year 2022-2023 (Third year, Semester V onwards) for students of Batch 20-21 (Regular) & 21-22 (DSY) instead of Second year, semester IV onwards during the academic year 21-22. The modified structure is shown below:

Semester	Courses	Credits
V & VI	Course-1	3
	Course-2	3
	Course-3	3
VII	Course-4	3
V to VII	Project	8
Total Credits		20

With due discussion, the council members have ratified the changes in the Honors/Minor degree program for Batch 20-21 (Regular) & 21-22 (DSY). The specialization wise summary of the students enrolled for Honors/Minor degree program is also presented.

- Dr. B. N. Chaudhari has briefed about the increase in job employability if there will be a greater number of students enrolled for Minor degree.
- In addition, the timelines to be followed for present SY Batch 21-22 (Regular) & 22-23 (DSY) for Academic Year 22-23 is presented for approval. It has been proposed that for



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theory courses, the actual semester / academic session whichever is earlier will be considered for commencement of the courses (to be in line with NPTEL Enrollment) and for project work semester pattern will be followed.

Semester	Session	Courses	Credits
IV	Jan – June 2023	Course-1	3
V	July – Dec 2023	Course-2	3
VI	Jan – June 2024	Course-3	3
VII	July – Dec 2024	Course-4	3
IV to VII	-	Project	8
Total Credits			20

- Students of two new UG programmes (Artificial Intelligence & Data Science and CSE (IOT and Cyber Security including Block Chain Technology) are encouraged to do Minors Degree in the Specialization “Cloud Architect” offered by the Computer Science and Engineering and other specialization offered by various departments.
- The proposal for present SY Batch 21-22 (Regular) & 22-23 (DSY) for Academic Year 22-23 is approved by the council members.

**Agenda Item No.6:** To discuss the student's performance during academic year 2021-2022.

**Discussion and Resolution:** Prof. V. B. Patil (COE) presented the performance of students for all classes (FY to Final Year) in End semester Examination for year 2021-2022. The result analysis was detailed in the below tables.

Year	Appeared Students	First Class Dist.	First Class	Second Class	Pass Class	Total Pass Students	% of Result
Final	793	272	356	145	4	777	97.98

Year	Students Admitted	Students Appeared	Pass	Pass with ATKT	Total Pass Students	% of Result
TY	745	739	653	58	711	96.21
SY	601	600	454	83	537	89.50
FY	488	478	344	92	436	91.21

The result of all classes is appreciated by the AC Members.

**Agenda Item No.7:** To confirm the action taken by the chairman under subsection 11.1.6 of section 11 of rules and regulations (Detention of Students)

**Discussion and Resolution:** Dr. Gopinath S (Dean Academics) presented list of students(SY, TY & Final Year )detained during Term-II of the Academic Year 2021-2022. Members appreciated the action taken against the students fail to meet the academic requirements to



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appear for ESE. Members appreciated the decision of the institute to maintain the academic standards.

**Agenda Item No.8:** To discuss and approve two experts in the subject from outside the college to be nominated for Board of Studies by the Academic Council.

**Discussion and Resolution:** Dr. Gopinath S (Dean Academics) presented list of experts in the subject from outside the college to be nominated for Board of Studies by the Academic Council.

Department	Name of Expert	Institute / University	Designation
Mechanical Engineering	Dr.S.S.Ahankari	Vellore Institute of Technology (VIT) , Vellore	Associate Professor
	Dr.S.S. Mohite	COEP Technological University, Pune	Professor
Computer Science and Engineering	Dr.Parikshit Mahalle	Vishwakarma Institute of Technology, Pune	Professor
	Dr.Shafi Pathan	MIT ADT University, Pune	Professor
Electrical Engineering	Dr. Surendra Bhosale	Veermata Jijabai Technological Institute (VJTI), Mumbai	Associate Professor & Head
	Dr. P. Somasundaram	Anna University, Chennai	Professor
Civil Engineering	Dr. P. B. Kodag	Bharati Vidyapeeth (Deemed to Be University),College of Engineering, Pune	Associate Professor
	Dr. K.B.Prakash	Government Engineering College, Haveri, Karnataka	Professor & Principal
Food Technology	Dr. Smita S. Lele	Institute of Chemical Technology, Mumbai	Professor
	Dr. B.K. Sakhale	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Professor
Aeronautical Engineering	Dr. S.Nadaraja Pillai	SASTRA Deemed University, Thanjavur, Tamil Nadu	Professor
	Dr .Tejinder Kumar Jindal	Punjab Engineering College, (Deemed To Be University), Chandigarh.	Professor & Head

Members approved the nominated list of experts for the Board of Studies.

**Agenda Item No.9:** Any other item with the permission of chair

The time extension and fee to be collected from M.Tech Students who delayed their Project Dissertation Submission was put forth in front of the AC Members. With reference to PG – Academic Rules and Regulations in the sub clause of 8.3, If due to valid reasons the student





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may be given permission to register for maximum two semester by paying the fees as decided by Academic Council. Such students, when assessed for any of the remaining evaluation phases have to suffer a grade penalty. For foresaid situation, AC Members recommended against academic penalizing in the form of grade penalty and suggested for impose fine for delay in submission. The fee to be collected in such case is the administrative part and institute will decide on it.

It has been decided to have an extended academic council meeting to revisit the new curriculum structure as per the discussion made. Dr. Vikram. S. Patil, (Director) has mentioned that, the extended academic council meeting will be finalized after discussion in due course of time.

Dr. Vikram. S. Patil, (Director) concluded the meeting. Dr. Gopinath S (Dean Academics) proposed vote of thanks to all members for their presence and valuable suggestions during the meeting.

  
**Member Secretary  
Academic Council**



  
**Chairman  
Academic Council**