



University College of Engineering

(AUTONOMOUS)

OSMANIA UNIVERSITY, HYDERABAD – 500 007.

No. 2094/Admn./UCE/2022

Date: 09.11.2022

Minutes of the meeting of the 32nd Academic Council of the University College of Engineering (A), OU held on 22.10.2022 at 11:00 AM in the e-Committee Room, Main Building, UCE (A), OU.

Members Present

<u>S. No</u>	<u>Name</u>	
1.	Prof. Sriram Venkatesh	Principal, UCE & Chairperson
2.	Prof. M. Kumar	Dean, Faculty of Engineering, OU.
3.	Prof. V. Bhikshma	Director, CDAAC, UCE (A), OU.
4.	Prof. P. Chandra Sekhar	Vice - Principal, UCE (A), OU.
5.	Prof. G. Mallesham	Dean, Development & UGC Affairs, OU.
6.	Prof. Ch. Sailu	Principal, Univ. College of Technology, OU.
7.	Dr. G. Rameshwar Rao, FIE	Director, Engineering Staff College of India (ESCI), Gachibowli, Hyderabad.
8.	Prof. Adepu Kumar	Professor & Head, Dept. of Mechanical Engineering, NIT Warangal.
9.	Dr. P. Srihari	Scientist G, Program Director Programme AD-RCI Defence Research & Development Organization Ministry of Defence, Kanchan bagh, Hyderabad.
10.	Prof. A. Krishnaiah	Senior Professor Dept. of Mechanical Engineering, UCE (A), OU.
11.	Prof. N. Suresh Kumar	Professor Dept. of Civil Engineering, UCE (A), OU.
12.	Prof. M.V.S. Sreedhar	Chairperson, Board of Studies in Civil Engg., (A), UCE, OU.
13.	Prof. M. Chandra Sekhar Reddy	Board of Studies in Mech Engg., (A), UCE, OU.
14.	Dr. N. Srilatha I/C	Chairperson, Board of Studies in EEE, (A), UCE, OU.

15.	Prof. P. Naveen Kumar	Chairperson, Board of Studies in ECE, (A), UCE, OU.
16.	Mr. M. Srinivas	Chairperson, Board of Studies in BME, (A), UCE, OU.
17.	Mr. S. Srinivas Rao	Chairperson, Board of Studies in CSE, (A), UCE, OU.
18.	Prof. Sriram Venkatesh	Chairperson, Board of Studies in Mining Engg., (A), UCE OU.
19.	Prof. P. Raja Sekhar	Head, Dept. of Civil Engg., UCE (A), OU.
20.	Prof. R. Rajendra	Head, Dept. of Mech. Engg., UCE (A), OU.
21.	Prof. G. Yesuratnam	Head, Dept. of EEE, UCE (A), OU.
22.	Prof. L. Nirmala Devi	Head, Dept. of ECE, UCE (A), OU.
23.	Dr. D. Suman	Dept. of BME, UCE (A), OU.
24.	Prof. Sriram Venkatesh	I/c, Head, Dept. of Mining Engg., UCE (A), OU.
25.	Dr. P. Sarita Rajender	Head, Dept. of Chemistry, UCE (A), OU.
26.	Dr. K. Ramesh Babu	Head, Dept. of Mathematics, UCE (A), OU.
27.	Dr. N. Narismlu	Dept. of Physics, UCE (A), OU.
28.	Dr. SaveenSouda	Dept. of English, UCE (A), OU.
29.	Mr. D. Vijay Kumar	President, Alumni Association, UCE (A), OU.
30.	Mr. M.S. Venkata Ramayya	General Secretary, Alumni Association, UCE (A), OU.
31.	Prof. Narsimlu Sanke	Director of Evaluation, Examination Cell, UCE (A), OU.
32.	Dr. J. Upender	Training & Placement Officer, UCE (A), OU.
33.	Mr. M. Satish Kumar	Faculty, Dept. of Mining Engineering, UCE (A), OU.
34.	Mr. K. Rajender	Deputy Registrar, UCE (A), OU.

At the outset Prof. Sriram Venkatesh, Principal & Chairperson, Academic Council welcomed all the esteemed members of the Academic Council to its 32nd meeting. The Principal has highlighted College Development, Faculty and Students achievements.

The NBA team has visited twice for accreditation of 11 eligible PG programs. Out which 9 programs have been accredited upto 30th June 2025. The NBA team also visited to verify the compliance report submitted and granted accreditations for all 5 programs upto 30th June 2025.

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Principal has informed about the Achievements/Reforms to the Academic Council members:

1. NIRF Rank improved by 15 Points (117 from 132)
2. AICTE recognized all UG and PG programs offered at the Institute including
New Programs: Mining Engineering, AIML and PG Mining Engineering
3. Intake is increased in BE ECE from 55 to 60 and BME from 30 to 40 (10 for BiPC)
4. UGC Autonomy visit is awaited
5. AICTE – SPACE Project Sanctioned worth of Rs. 5 Crore.
6. Institutional Life Membership of **The Institution of Engineers** (India) is granted to the
University College of Engineering (A), OU on 21st September 2022.
7. Annual Academic and Administrative Audit (AAA) was conducted.
8. TEQIP –I, II, III Equipment Audit is conducted
9. Implementation of e-Office.
10. Compensation class work on Saturdays
11. Incentive for Article Processing Charges, Textbook authoring, Filing Patents
12. Off-campus/Remote Accessing of e-Journals, e-Books and e-Resources
13. Monthly faculty meetings
14. Periodic meetings with the CRs of UG and PG
15. Monthly Hostel Boarders Meeting with Wardens
16. Timely Declaration of Result of outgoing students
17. Graduate Exit Survey conducted
18. Conduct of Orientation and Induction Programs for incoming UG students. (Arranged Buses
for campus and city tour)
19. First Time introduced the centralized Orientation Program for incoming PG students.
20. Industrial visits is organized: ECE, Mech, BME, EE
21. Block Timetable designed and programmed
22. Organized Brainstorming session with Industry Experts and academicians from other
faculties to initiate Societal Demanding/Industry Driven Open Electives/ Mandatory courses
on 7th September, 2022
23. Academic Reforms Initiated such as
 - Minor/Honors Degrees in UG
 - Offering Non-Credit Foreign Languages courses (French, German, Spanish and Chinese)
 - More weightage to CIE (30 to 40 marks)
 - Anti-Plagiarism check for ME thesis
 - Option to Convert PG regular discontinued students in to CEEP mode

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Prof. V. Bhikshma, Director, CDAAC has given an overview of the Schemes & Instruction of B.E. I/II Semesters and M.E. I/II/III & IV Semesters (Regular) I to VI Semester (PTPG). He emphasized the increased weightage of CIE (40 Marks) and its internal breakup. He informed that Major and Honor Degrees would be introduced from 2022-2023 Academic Year onwards for UG Programmes.

The Dean, Faculty of Engineering appreciated the recent Developments, NBA Accreditations and Placement activities. He suggested a systemic approach of internal breakup for awarding CIE of 40 marks.

Item No: 1 Recommendations of the Board of Studies in Civil Engineering:

Resolved to approve the recommendations of the Board of Studies with Schemes of Instruction, Evaluation and Syllabi of B.E. & M.E. Programmes

- (i) B.E. I & II Semesters
- (ii) M.E. I, II, III & IV Semesters (Regular) and I to VI Semesters (PTPG)

Item No: 2 Recommendations of the Board of Studies in Mechanical Engineering:

Resolved to approve the recommendations of the Board of Studies with Schemes of Instruction, Evaluation and Syllabi of B.E. & M.E. Programmes

- (i) B.E. I & II Semesters
- (ii) M.E. I, II, III & IV Semesters (Regular) and I to VI Semesters (PTPG)

Item No: 3 Recommendations of the Board of Studies in Electrical Engineering:

Resolved to approve the recommendations of the Board of Studies with Schemes of Instruction, Evaluation and Syllabi of B.E. & M.E. Programmes

- (i) B.E. I & II Semesters
- (ii) M.E. I, II, III & IV Semesters (Regular) and I to VI Semesters (PTPG)

Item No: 4 Recommendations of the Board of Studies in Electronics & Communication Engineering:

Resolved to approve the recommendations of the Board of Studies with Schemes of Instruction, Evaluation and Syllabi of B.E. & M.E. Programmes

- (i) B.E. I & II Semesters
- (ii) M.E. I, II, III & IV Semesters (Regular) and I to VI Semesters (PTPG)

Item No: 5 Recommendations of the Board of Studies in Bio-Medical Engineering:

Resolved to approve the recommendations of the Board of Studies with Schemes of Instruction, Evaluation and Syllabi of B.E. & M.E. Programmes

- (i) B.E. I & II Semesters
- (ii) M.E. I, II, III & IV Semesters (Regular) and I to VI Semesters (PTPG)

Item No: 6 Recommendations of the Board of Studies in Computer Science & Engineering:

Resolved to approve the recommendations of the Board of Studies with Schemes of Instruction, Evaluation and Syllabi of B.E. & M.E. Programmes

- (i) B.E. I & II Semesters
- (ii) M.E. I, II, III & IV Semesters (Regular) and I to VI Semesters (PTPG)

Item No: 7 Recommendations of the Board of Studies in Mining Engineering:

Resolved to approve the recommendations of the Board of Studies with Schemes of Instruction, Evaluation and Syllabi of B.E. & M.E. Programmes

- (i) B.E. I & II Semesters
- (ii) M.E. I, II, III & IV Semesters (Regular) and I to VI Semesters (PTPG)

ItemNo:8 Consideration of MCA Programme under Autonomous College.

It is considered and approved to include MCA programme offered at the Dept. of Computer Science & Engineering under the purview of University College of Engineering (A), OU for developing curriculum, conducting class work, Continuous Internal Evaluation (CIE), Semester End Examination (SEE), declaration of results, issuing Memos / Provisional Certificate (PC) / Consolidated Marks Memo (CMM) and Placements on par with other existing UG/PG courses.

Item No: 9 Renaming of PTPG as CEEP for all purposes and listing of Programmes under CEEP portal.

It is considered and approved the renaming of PTPG as CEEP and to bring all PTPG programmes under CEEP portal.

Item No:10 Consideration of Renaming of Annual Awards Function as **Graduation Day**.

It is considered and approved the Renaming of Annual Awards Function as **Graduation Day**.

Item No: 11 Consideration of offering **Cyber Security** Specialization in place of PDS in M.Tech (CSE)

It is considered and approved the Cyber Security specialization of M. Tech (CSE) programme in place of Parallel Distributed Systems (PDS) with effect from the academic year 2022-23 onwards.

Item No: 12 Conversion of PG from Regular to CEEP Mode, subject to the availability of the Programme under CEEP.

It is considered and approved the conversion of PG Regular to CEEP Mode, subject to fulfillment of CEEP Rules & Regulations and the availability of the courses/programmes under CEEP.

Item No: 13 Exemption of Re-Registration of Subjects in M.E./M.Tech Programmes.

It is considered and approved an exemption of Re-Registration of M.E./M.Tech Subjects. However, if the Candidate wishes to improve internal marks, they may be permitted to re-register.

Item No: 14 Consideration of 25% or below Similarity Index / Plagiarism checks for all M.E./M.Tech Dissertations w.e.f. 2022-23 onwards in line with OU.

It is considered and approved the M.E./M. Tech programme Dissertation / Thesis of Students of M.E. IV Semester Regular, VI Semester (PTPG) with Similarity Index is 25% or below using Anti-Plagiarism Software provided by OU with effect from the Academic Year 2022-23 onwards.

Item No: 15 Consideration of changing the title of ME (BME) and admission criteria for ME (BME).

It is considered and approved for change of title of PG program in the Dept. of Bio-Medical Engineering from Biomedical Electronics to **Medical Devices** and the following is the eligibility criteria for admission.

- BE / B.Tech in Biomedical Engineering / Biomedical & Instrumentation Engineering /EIE/ECE/Biotechnology/Medical Electronics.
- M. Sc (Electronics / Medical Electronics / Applied Electronics / Physics / Medical Physics / Bio-physics / Bio-informatics / Biomedical Informatics / Biotechnology)

Item No: 16 Permission to Rationalization of PG Intake seats.

It is considered and approved the Rationalization of PG Regular & CEEP Intake seats for PostGraduate Programmes: M.E./M.Tech (Full Time – 2 Years)

Course(s)	Specialization	Regular / Self-Financing	Existing Intake	Proposed Intake
M.E.– Bio-Medical Engg	(i) Bio-Medical Electronics	Regular	18	20
M.E. – Civil Engineering	(i) Structural Engineering	Regular	25	20
	(ii) Water Resource Engineering	Regular	10	20
	(iii) Geotechnical Engineering	Regular	10	20
	(iv) Transportation Engineering	Self-Financing	15	20
M.E. – Electrical Engineering	(i) Power Systems	Regular	13	20
	(ii) Industrial Drives & Control	Regular	20	20
	(iii) Power Electronics and Systems	Self-Financing	15	20
M.E. – Electronics & Communication Engineering	(i) Digital Systems	Regular	13	20
	(ii) Systems and Signal Processing	Regular	13	20
	(iii) Microwave and Radar Engg.	Regular	20	20
	(iv) VLSI & Embedded Systems	Self-Financing	13	20
M.E. – Mechanical Engineering	(i) Production Engineering	Regular	18	20
	(ii) Automation & Robotics	Regular	13	20
	(iii) Turbomachinery	Regular	20	20
M.Tech – Computer Science Engineering	(i) Computer Science and Engg.	Regular	20	20
	(ii) Cyber Security	Self-Financing	15	20
	(iii) Artificial Intelligence & Machine Learning (AIML)	Self-Financing	18	20
M.E. – Mining Engg.	(i) Mining Engineering	Self-Financing	18	20

Item No: 17 Consideration of Introduction of Relative Grading System for UG Programmes.

It is considered and approved the introduction of the Relative Grading System to UG programmes from the Academic Year 2022-23 onwards.

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Item No: 18 Consideration of One-Time Chance to clear backlog subjects after stipulated period for UG/PG Programmes in line with OU.

It is considered and approved the One-Time Chance to those Students who have not completed the courses in the stipulated period.

Item No: 19 Ratification of permission given to submit M.E / M.Tech Dissertations beyond the stipulated period to the Students of all the Departments, action taken by the Chairperson, Academic Council.

The matter was considered and it was resolved to accorded permission to M.E/M.Tech students of the Dept. of Mechanical Engineering/Civil Engineering / Electrical Engineering and Computer Science & Engineering, to submit their dissertation Thesis beyond the stipulated period and to submit the same within three months **from the date of Academic Council Meeting.**

Item No: 20 Ratification for Modification of the Pass Percentage Criteria for B.E. programme from the Academic Year 2020-21 onwards, action taken by the Chairperson, Academic Council.

Resolved to approve the Pass Percentage Criteria for B.E. programme wherein the candidate shall be deemed to have fully passed the SEE, if he/she secures not less than the minimum marks / grade as prescribed below (for the batch joining 2020-21 Academic Year)

Each theory subject	40%	E-Grade
Each practical subject & project work	50%	D-Grade

Item No: 21 Ratification of M.E./M.Tech Internal & External Evaluation Reports, action taken by the Chairperson, Academic Council.

Resolved to approve the M.E./M.Tech Internal & External Evaluation Reports.

Item No: 22 Ratification of enhancement of intake in B.E. (ECE & BME).

1. Resolved to approve the enhancement of intake seats in Bio-Medical Engineering from 30-40 under Self Finance Course from the academic year 2022-2023.
2. Resolved to approve the enhancement of intake seats in Electronics & Communication Engineering from 50-60 from the academic year 2022-2023.

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Item No: 23 Ratification of enhancement in the Tuition fee.

Resolved to approve the enhancement of Tuition fee from the academic year 2022-2023 onwards.

S. No.	Name of the Programmes	Existing Tuition Fee Per Year	Enhanced Tuition Fee Per Year
1.	B.E./B.Tech (Regular)	35,000/-	50,000/-
2.	M.E./M.Tech (Regular)	30,000/-	60,000/-
3.	M.E./M.Tech (Self Finance)	50,000/-	1,00,000/-

Any other matter with the permission of the Chair:

- The Chairperson, Academic Council is authorized to give permission to submit the Dissertations after stipulated period of (N+2+1) years duly recommended by the concerned Head of the Department. Such cases may be placed in the subsequent Academic Council Meeting for ratification.
- In addition to regular teaching load, a load of 2 hrs/week for guiding M.E./M. Tech students and 2hrs/week for guiding full time Ph.D Scholars may be considered for all the teachers who are guiding M.E./M.Tech thesis and regular Ph.D Scholars irrespective of number of Dissertation/students & Scholars.

Suggestions of the Members:

- ✓ Prof. Adepu Kumar suggested to cover all topics of Core Subjects in the Laboratory Subjects.
- ✓ Dr. D. Vijay Kumar highlights some programmes outcome (POs) are not matched in several course outcomes (COs). In order to fill the gap, he suggested to conduct workshops, guest lecture etc., for which OUCEAA is ready to conduct such events.
- ✓ Dean, Faculty of Engineering suggested to introduce specific subjects in B.E. (CSE-AI&ML) compared to B.E (CSE) subject.

The Academic Council meeting ended with an Vote of thanks.


**PRINCIPAL
&
CHAIRPERSON**