

Pimpri Chinchwad Education Trust's  
**Pimpri Chinchwad College of Engineering**  
Sector No. 26, Pradhikaran,  
Nigdi, Pune – 411 044



**Minutes of Meeting: 3<sup>rd</sup> Academic Council on 23<sup>rd</sup> July 2021**

The Third meeting of the Academic Council of Pimpri Chinchwad College of Engineering (PCCoE) was held on Friday, 23<sup>rd</sup> July, 2021 at 2:00 pm in Online mode.

**Following members were present:**

Sr. No	Name	Designation
1.	Dr. Govind N. Kulkarni	Director, PCCoE
2.	Dr. Avinash Kumbhar	Professor, Chemistry Department, SPPU
3.	Dr. Aditya Abhyankar	Professor and Head, Department of Technology, SPPU
4.	Dr. Bhalchandra Pujari	Professor, Centre for Modelling and Simulation, SPPU
5.	Dr. Shireesh B. Kedare	Praj Chair Professor, Department of Energy Science & Engineering, IIT Bombay
6.	Dr. Avinash Pant	Principal, Government College of Engineering, Awasari
7.	Dr. S.L. Patil	Dean Alumni & International Affairs, COEP, Pune
8.	Mr. Nitin Aggarwal	Sr General Manager-John Deere, Pune
9.	Mr. Hemant Gadgil	Executive Director - Dassault Systems Foundation, India
10.	Dr. P. A. Deshmukh	HOD-Mechanical Engineering
11.	Dr. M. T. Kolte	HOD-E&T Engineering
12.	Dr. Mrs. K. Rajeswari	HOD-Computer Engineering
13.	Dr. Mrs. S. D. Patil	HOD-Information Technology
14.	Dr. S. T. Mali	HOD-Civil Engineering
15.	Dr. Mrs. S. S. Sonar	HOD-Applied Sciences & Humanities
16.	Mrs. A. R. Arakerimath	HOD-MCA
17.	Dr. N.B. Chopade	Professor, E&T Engineering
18.	Dr. Mrs. Leena Sharma	Associate Professor, Applied Science & Humanities
19.	Mr. D. S. Lal	Assistant Professor, Civil Engineering
20.	Dr. Mrs. S. V. Shinde	Ladies representation, Professor, Computer Engg
21.	Dr. Mrs. Anindita Roy	Associate Dean-Academics, Associate Member Secretary
22.	Dr. Mrs. S. U Bhandari	Dean Academics, Member Secretary

**Following Permanent Invitees were present:**

23.	Dr. S. S. Lakade	Dean – Research & Innovation, PCCoE
24.	Dr. S. A. Rawandale	Dean- Industry Institute Interaction
25.	Dr. S.D. Thepade	Dean- Quality Assurance
26.	Dr. P.R. Kale	Dean – Student Development
27.	Dr. Mrs. A. D. Thakare	Dean- International Relations
28.	Dr. N. R. Deore	Professor and Associate Dean- III
29.	Dr. K. S. Kinage	Professor, Electronic & Telecommunication Engg.
30.	Prof. S K Bhoite	Controller of Examination
31.	Mr. B. M. Thorat	Librarian



**Leave of absence was granted to following Members and Invitees:**

1	Mr Siddharth Vasudevan Moorthy (Member)	Managing Director, Vascon Engineers Ltd., Pune
2	Dr. Mrs. M. B. Khambete (Member)	Director, MKSSS Cummins College of Engineering for Women, Pune
3	Mr Sachin Itkar (Member)	Senior Programme Advisor, Strategic Foresight Group
4	Dr. G M Desai (Invitee)	Executive Director, Pimpri Chinchwad Education Trust
5	Mr. P.S. Patil (Invitee)	Registrar

**Agenda for the meeting was as under:**

**1. Statutory matters**

- A. To confirm Minutes of last AC Meeting (dated:23/01/2021)
- B. To ratify Minutes of ASC (MTE and ETE of SEMI) and decentralized paper assessment
- C. To ratify changes in R&R
- D. To consider action taken report

**2. Updates in Academic and Examination Rules and Regulations for B. Tech, M. Tech and MCA**

**3. FY SEM-I Results, SEM-II ETE plan and Standard operating Procedures**

**4. Updates in Structure of B. Tech program**

**5. Syllabus and Continuous Internal Evaluation tools:**

- A. SY B. Tech Courses (For 5 B. Tech Programs)
- B. SY M. Tech Courses (For 6 M. Tech. Programs)
- C. SY MCA Courses
- D. Applied Science and HSMC Courses

**6. Post facto Approvals:**

- A. To apply for new courses
  - a. B. Tech Computer Science and Design (AI& ML)
  - b. B. Tech Computer Engg. (Regional Language)
  - c. B. Voc. Engineering and Technology
    - i. Internet of Things
    - ii. Mechatronics Engineering
    - iii. Industrial Refrigeration and Air conditioning
    - iv. Solar Systems
- B. Change in Nomenclature
  - a. M. Tech I.T. to Artificial Intelligence and Data Science
  - b. M. Tech Mech.-Heat Power to Thermal Systems and Design



**7. Academic Calendars:**

Summer Term for FY (2020-21)  
SY B. Tech (2021-22)  
SY M. Tech (2021-22)  
SY MCA (2021-22)

**8. Academic and Assessment Reforms**

Co-teaching (Partial delivery by Industry experts)  
Online teaching (Coursera, NPTEL etc.)  
Open book assessment  
% of flexibility to faculty to change syllabus

**9. Any other points with permission of the chair**

**Item 1**

**AC :03: 01 (A) To confirm the minutes of last AC Meeting Dated 23<sup>rd</sup> Jan 2021**

The minutes of the second Academic Council meeting dated 23<sup>rd</sup> Jan 2021, which were shared previously to the members, were tabled during the meeting for confirmation and approval as in Annexure-I.

**Resolution R-AC: 02:01 (A): The council resolved to approve the minutes of the second meeting of the Academic Council.**

**AC :03: 01 (B) To ratify Minutes of ASC (MTE and ETE of SEM I) and decentralized paper assessment**

In view of COVID-19 pandemic, the examination patterns, duration and assessment mode of SEM-I Midterm and End Term Exam were altered as resolved in the Academic Standing Committee (ASC) meeting dated 24<sup>th</sup> February and 1<sup>st</sup> April 2021 respectively. The minutes of ASC were shared to Council through e-mail communication after the meetings. Dean Academics tabled the minutes for ratification of council as in Annexure-II and III.

**Resolution R-AC: 03:01 (B): The council ratified the changes in the examination timing, pattern and assessment mode of SEM-I examinations.**

**AC: 03: 01 (C) To ratify changes in R&R**

As per the discussions and suggestions received in the 2<sup>nd</sup> AC meeting dated 23<sup>rd</sup> January, 2021, following changes were made to the Rules and Regulations (R&R) of Undergraduate (UG) Courses :

- Provision of Certification is made for candidates who earn 20 credits but do not satisfy condition of C grade in at least 3 courses in Major and Minor courses (9.3 and 9.4 Page 24 in UG)
- Passing criteria of 45% and one grade subtraction is modified with 40% passing criteria with Asterisk (\*) marking for passing in re-examination except



for transitional grades II and XX. (9.6.1 [ii] b, Page 26)

- Linear Grading System is adopted for UG and PG. (Table 10.1 in UG and PG)

The above changes were made and presented for ratification.

**Resolution R-AC: 03:01 (C): Changes made in R&R were ratified by the council.**

**AC: 03: 01 (D) To consider action taken report**

The action taken on the points suggested in the 2<sup>nd</sup> Academic Council meeting was presented to Council **as attached in Annexure-IV**. Suggestion was sought on the formation of separate board of Studies for Humanities Management and Social Science Courses (HSMC)

Discussions:

Dr. Shireesh Kedare suggested having a greater number of expert members in the BoS of Applied Science & Humanities addressing HSMC, Life Skills and Audit Courses specialization instead of having a separate Board. This was seconded by Dr. Avinash Pant and Dr. Avinash Kumbhar.

**Resolution R-AC:03 :01 (D):**

- Action taken report was approved by Council members.**
- No separate board for HSMC was resolved**

**Item 2.**

**AC: 03: 02 Updates in Academic and Examination Rules and Regulations**

After completion of SEM-I of Autonomous Curriculum for B.Tech. M.Tech. and MCA programs, certain R&R changes were proposed in ASC meeting dated 7<sup>th</sup> July, 2021. Dr. Anindita Roy presented the changes proposed in Academic Rules and Regulations for all the Courses **as attached in Annexure-V**. Other than the typographical errors, these included :

**B. Tech R&R**

- Availing facility of XX grade only once over the span of program for theory courses. This additional sentence was added 10.1 (iv) Grades in special circumstances

**M. Tech R&R**

- End Term Examination (ETE) of 50 marks for 2.5 hours for 3 credit courses and 30 marks for 2 hours for 2 credit courses based on 100% syllabus
- Elimination of criteria specifying minimum 5 students for running an elective course

**MCA R&R**

- Removal of detention criteria
- Inclusion of guidelines for MOOCs courses
- Change in the criteria for running an elective course



- Removal of Proficiency and Open Elective course as suggested by BoS
- Change in the syllabus specified for Internal Evaluation -I (IE-I)
- Inclusion of assessment tools for Internal Evaluation of Practical Term work.

#### Discussions& Suggestions:

- Dr. Kedare suggested including more activity-based assignments in online mode of conduction. He also suggested having higher weightage to Internal Evaluation than for the End Term Evaluation.
- Mr. Hemant Gadgil proposed that in order to offer maximum number of Electives in PG Courses, students from other Institutes may be allowed and encouraged to attend the courses being run in PCCoE.

**Resolution R-AC: 03:02: Changes proposed in R&R were approved by Council members.**

#### **Item 3.**

**AC: 03: 03 FY SEM-I Results, SEM-II ETE plan and Standard operating Procedures (SoP)**

Prof. S. K. Bhoite, Controller of Examinations presented FY SEM-I Results, plan of conducting End Term Examination for SEM-II and the Standard Operating Procedures (SoP's **as attached in Annexure-VI**) prepared for smooth conduction of Examinations.

**Resolution R-AC:03 :03: The Council resolved to approve FY SEM-I results of all courses, ETE plan of SEM-II and SoPs prepared for Examination conduction**

#### **Item 4.**

**AC: 03: 04Updates in Structure of B. Tech program**

Discussion was initiated by Dr. N. B. Chopade regarding the changes made to the Structure of B.Tech. programs in view of suggestion made by Council regarding the relatively lower credits to B.Tech Project work. Following changes to the credit structure of the B.Tech programme were proposed **as attached in Annexure-VII** :

1. Increase of project work credits from 10 to 14
2. Removal of 2 credits allocated to MOOCs course (integral part of project assessment)
3. Compulsory course in Universal Human Values with 3 credits instead of 2 in SEM-III as directed by AICTE

**Resolution R-AC: 03:04: Changes proposed to the credit structure of B.Tech. program was unanimously approved by all Council members.**

#### **Item 5.**



### **AC: 03: 05Syllabus and CIE Tools of S.Y. B.Tech, M.Tech& MCA programs**

Dean Academics briefed about the Board of Studies Meetings conducted for all seven boards for syllabus and structure of SY B.Tech programs (Civil, Mechanical, Computer, E&TC, IT), M.Tech programs (Civil-Construction Management, Mechanical-Design, Mechanical- Heat Power, Computer, E&TC-VLSI and Embedded Systems, IT) and MCA.

Dr. S.T. Mali, HoD Civil Engg., presented the syllabus for S.Y. B.Tech – Civil Engineering and SY M.Tech. (Construction Management) approved by BoS- Civil Engineering. **as attached in Annexure-VIII and IX**

Dr. P. A. Deshmukh, HoD-Mechanical presented the syllabi & CIE tools proposed of S.Y. B.Tech – Mechanical Engineering, S.Y. M.Tech. (Design Engg. and Heat Power) approved by the BOS of Mechanical Engineering. **as attached in Annexure-IX, X and XI**

Dr. M. T. Kolte, HoD E&TC presented the syllabi & CIE tools proposed for S.Y. B.Tech – E&TC Engg and SY M.Tech ( VLSI & Embedded Systems) approved by the BOS of Electronics & TeleCommunication. **as attached in Annexure-XII and XIII**

Dr. K. Rajeswari, HoD Computer Engineering presented the syllabi & CIE tools proposed for S.Y. B.Tech – Computer Engg and SY M.Tech ( Computer Engg.) approved by the BOS of Computer Engineering. **as attached in Annexure-XIV and XV**

Dr. Mrs. Sonali Patil HoD Information Technology presented the syllabus & CIE tools proposed for S.Y. B.Tech – Information Technology and S.Y. M.Tech (IT). **as attached in Annexure-XVI and XVII**

Dr. Mrs. Sanjivani Sonar presented the curriculum of all Courses under the subdivisions of Mathematics, Languages, HSMC, Life Skills and Audit courses approved by the Board of Studies- Applied Science & Humanities. The PG Audit and HSMC Courses were also presented for Post-facto approvals to BoS. **as attached in Annexure-XVIII and XIX**

Prof. Mrs. Anjana Arakerimath presented the syllabus & CIE tools proposed for S.Y. MCA program. **as attached in Annexure-XX**

#### Discussions& Suggestions:

- Dr Avinash Pant questioned the logic behind inclusion of two mathematics-based courses in the same semester for S.Y. B.Tech. Civil Engineering program. It was informed that the second course was specific to the domain and has an application-based orientation.
- Dr.Kedare similarly suggested that Manufacturing Science course be offered in the third year of the Mechanical Engineering B. Tech program instead. Dr Deshmukh informed that this was done to accommodate all fundamental courses in the second year. It was informed that BoS Mechanical will explore this possibility of doing this in the next cycle.



**Resolution R:AC:03:05** The Council **RESOLVED** to **APPROVE** the Syllabi of of S.Y. B. Tech programs (Civil, Mechanical, Computer, E&TC and IT), S.Y. M.Tech programs (Civil-construction Management, Mechanical-Design, Mechanical- Heat Power, Computer, E&TC-VLSI and Embedded Systems and IT), SY MCA and courses approved from BoS AS&H inclusive of post-facto approvals.

**Item 6.**

**AC:03: 06Post facto Approvals**

Dr. G. N. Kulkarni, Director presented the basis for discussion on the post-facto approval for the following courses which were suggested in the Board of Governors (BoG) meeting dated 24<sup>th</sup> of March, 2021 and later approved by AICTE in Extension of Approval.

- B. Tech Computer Science and Engineering (AI& ML) (60 Intake)
- B. Tech Computer Engg. (Regional Language) (60 Intake)
- B.Voc Engineering and Technology (30 intake each)
  - i. Internet of Things
  - ii. Mechatronics Engineering
  - iii. Industrial Refrigeration and Air conditioning
  - iv. Solar Systems

Director also informed on the rejection of the proposal for change of name of M.Tech (Heat Power Engg. ) to M.Tech (Thermal Systems & Design) and M.Tech ( IT) to M.Tech (Artificial Intelligence)

Discussions & Suggestions:

Dr. Pant mentioned that Course details along with implementation strategy and plan for B. Voc courses be presented to Council before start of the program.

**Resolution R:AC:03:06 Council RESOLVED to give post facto APPROVAL to apply for B.Tech Computer Science and Engineering, B. Tech Computer Engg. (Regional Language) and B.Voc Engineering and Technology**

**Item 7.**

**AC:03: 07Summer Term for FY (2020-21), Academic Calendar SY(2021-22)**

The purpose of a summer term is to provide those students with an opportunity to clear the courses in which they have failed in their Re-examination. Dean Academics briefed that it was not included in Academic Calendar of FY B. Tech 2020-21 presented in 2<sup>nd</sup> Academic Council Meeting as calendar was prepared in extra ordinary situation of Covid-19. Hence it is being prepared and proposed now. Dr. N.B. Chopade detailed the layout of summer term from 24<sup>th</sup> September 10<sup>th</sup> October, 2021 for F.Y B. Tech 2020-21. **as attached in Annexure-XXI**

Dr. Chopade also presented the academic calendars for S.Y B.Tech, S.Y M.Tech and S.Y MCA programs. **as attached in Annexure-XXII, XXIII and XXIV**

Flexibility in order to accommodate all guidelines received from authorities in view of ongoing Pandemic Covid-19 regarding start of Offline class conduction, online/offline



examination etc was requested by Dean Academics.

Discussions & Suggestions:

- Dr. Pant suggested inclusion of AICTE in the list of bodies guiding the formation of academic calendar.

**Resolution R: AC: 03:07 The Council RESOLVED to APPROVE Academic Calendar for summer term of 2020-21 and SY B.Tech, M. Tech and MCA of 2021-22 with flexibility to update/change as per guidelines/need of conduction.**

**Item 8.**

**AC:03: 08 Academic and Assessment Reforms**

Director initiated the discussion on Academic and Assessment reforms under consideration/ planning phase at PCoE and invited suggestions pertaining to the following points:

- i. Co-teaching (Partial delivery by Industry experts)
- ii. Online teaching (Coursera, NPTEL etc.)
- iii. Open book assessment
- iv. % of flexibility to faculty to change syllabus

Discussions & Suggestions:

*i. Co-teaching (Partial delivery by Industry experts)*

- Dr. Kedare opined that Co-teaching by Industry experts be limited to 15 to 20% of syllabus in view of availability of such experts and their ability to address academic requirements. He also suggested that BoS may identify modules for co-teaching.
- About 5 hours of co-teaching per course was suggested by Dr S.R. Patil
- Dr. Pant opined that it 100 % co-teaching may be suggested for certain courses depending on the requirement of students

*ii. Online teaching (Coursera, NPTEL etc.)*

- Dr Pant advised that online teaching be limited to 15% even when offline classes begin

*iii. Open Book Assessments*

- Dr. Kedare strongly advocated for Open Book Tests for online summative assessments and Open formula sheets for offline assessments

*iv. Flexibility to change syllabus*

- Suggestion received was to restrict flexibility in syllabus upto 10-15 with replacement of contents and not the subtraction of contents

*v. Relative grading*



- All council members strongly encouraged to go for relative grading with appropriate preparations.
- Members suggested for studying readiness by observing the distribution of marks in recent examinations.
- Suggestion was also received to train faculty and arrange orientation sessions for the same

#### **Resolution R:AC:03:08**

- (i) Co-teaching be introduced based on need of course and availability of expert.
- (ii) Institute has already incorporated the Open Notes Test as an assessment tool in the current S.Y B. Tech in Continuous Internal Assessment However, the Institute will look for more instances where Open Book Tests to be incorporated in the Internal Assessments.
- (iii) The point on percentage of the syllabus for which flexibility should be given to faculty would be implemented on pilot basis, studied and proposed in all BoS
- (iv) Institute to take up the task for migrating to a relative grading system by internally studying the examination result distribution for the past year and take up orientation programs for incorporation of the same.

#### **AC :03: 09 Any other points with permission of the chair**


Guided by the suggestion received in BoG, the Institute had applied for approval to AICTE. Subsequently vide letter **F.No. Western/1-9318919872/2021/EOA** dated 12/07/2021, approval was received for B.Tech Computer Engg. (AI/ML) and B.Tech Computer Engg. (Regional language- Marathi). Dean Academics sought approval for the syllabi of F.Y. B. Tech Computer Engineering (AI/ML) and FY BTech Computer Engg. (Regional) in line with the current F.Y. B. Tech (Computer Engineering) syllabus.

**Resolution R: AC: 03:09 The Council RESOLVED to APPROVE the syllabus of FY B. Tech Computer Engg. (AI/ML) and F.Y. B.Tech Computer Engg. (Regional language- Marathi).**

The meeting ended with vote of thanks.

#### **Prepared by:**

Dr. Anindita Roy, Associate Member Secretary-Academic Council, PCCoE  
Dr. Sheetal Bhandari, Member Secretary-Academic Council, PCCoE

  
**Dr. Govind N. Kulkarni**  
Director, PCCoE  
Chairman -Academic Council

