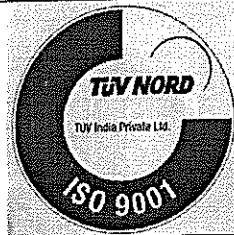**Pimpri Chinchwad Education Trust's**
Pimpri Chinchwad College of Engineering
Sector No. 26, Pradhikaran,
Nigdi, Pune – 411 044

Minutes of Meeting : 5ᵗʰ Academic Council on 14ᵗʰ July 2022

The **Fifth meeting of the Academic Council** of Pimpri Chinchwad College of Engineering (PCCoE) was held on **14ᵗʰ July 2022** at **10.30 A.M.** at the Fourth Floor Auditorium, Administration Building, PCCoE Pune.

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 Puiari	Professor, Centre for Modelling and Simulation, SPPU
5.	Dr. Mrs. Madhuri Khambete	Principal, Cummins College of Engineering for Women, Pune
6.	Dr. S. L. Patil	Dean Alumni & International Affairs, COEP, Pune
7.	Mr. Nitin Aggarwal	Country Head, Adler Pelzer group, Pune
8.	Mr. Hemant Gadgil	Executive Director-Dassault Systems Foundation, India
9.	Dr. N. B. Chopade	Deputy Director, Professor, E&TC Engineering
10.	Dr. S. T. Mali	HoD, Civil Engineering
11.	Dr. Mrs. K. Rajeswari	HoD, Computer Engineering & Computer Engineering (Marathi)
12.	Dr. M. T. Kolte	HoD, Electronics & Telecommunication Engg.
13.	Dr. Mrs. S. D. Patil	HoD, Information Technology &
14.	Dr. P. A. Deshmukh	HoD, Mechanical Engineering
15.	Dr. Mrs. Sonal Gore for Dr. Mrs. A. D. Thakre	HoD. Computer Science Engineering (AIML)
16.	Dr. Mrs. S. S. Sonar	HOD-Applied Sciences & Humanities
17.	Mrs. A. R. Arakerimath	HOD-MCA
18.	Dr. Umesh Potdar	HoD, B.Voc.
19.	Dr. Mrs. S. V. Shinde	Ladies representation, Professor, Computer Engineering
20.	Dr. Mrs. Leena Sharma	Associate Professor, Applied Science and Humanity
21.	Dr.D. S. Lal	Assistant Professor, Civil Engineering
22.	Dr. Mrs. S. U. Bhandari	Dean Academics, Member Secretary
23.	Dr. N. Vivekanandan	Associate Dean-Academics, Associate Member Secretary

Following Permanent Invitees were present:

Sr. No.	Name	Designation
1.	Dr. S.A.Rawandale	Dean-Industry Institute Interaction
2.	Dr.S.D.Thepade	Dean-Quality Assurance
3.	Dr.P.R.Kale	Dean-Student Development
4.	Dr.N.R.Deore	Professor and Associate Dean-III
5.	Dr.K.S.Kinage	Professor, Electronics & Telecommunication Engg.
6.	Dr.Sunil Tade	Controller of Examination
7.	Mr.P.S.Patil	Registrar
8.	Mr.B.M.Thorat	Librarian

Leave of absence was granted to following Members and invitees:

Sr. No.	Name	Designation
1	Dr. Shireesh B. Kedare (Member)	Professor, Department of Energy Science & Engineering, IIT Bombay
2	Dr. Avinash Pant(Member)	Principal, Government College of Engineering, Awasari
3	Mr. Sachin Itkar (Member)	Senior Programme Advisor, Strategic Foresight Group
4	Mr. Siddharth Vasudevan Moorthy (Member)	Managing Director, Vascon Engineers Ltd., Pune
5	Dr. Mrs. A. D. Thakare (Member)	HOD, CSE(AIML) and Dean-International Relations

Agenda for the meeting was as follows:

1. **Statutory Matters**

2. **Rules and Regulations updates**

3. **B. Tech CSE-AIML –**

    A. Structure and

    B. SY B. Tech syllabus

4. **B. Tech (Civil, Mechanical, Computer, E&TC and IT)**

    A. Syllabus of T Y B. Tech Courses approved from BOS (Civil, Mechanical, Computer, E&TC, IT, AS&H)

    B. Updates in SY B. Tech syllabus

    C. Updates in SY MCA syllabus

    D. Updates in Courses by AS&H for FY and SY

5. **M. Tech (IT-Artificial Intelligence and Data Science)**

    A. Structure and syllabus of F. Y. M. Tech

5. **B. VOC programs:**

    A. Second Year Syllabus of Four Programs

    B. Academic and Examination Rules and Regulations for B. VoC

7. Academic Calendar for

   SY & TY B. Tech, SY M. Tech, SY MCA and SY B.VOC (2022-23)

8. Result of AY 2021-22 Odd semester

9. Academic and Examination Reforms

   A. Relative Grading

10. Any other point with the permission of the Chair

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Dr. S. U. Bhandari welcomed all the members for the fifth Academic Council Meeting.

Item 1
AC: 05: 01 (A) To confirm minutes of last AC Meeting held on 17th November 2021

The minutes of the fourth Academic Council meeting dated 17th November 2022 that was shared previously with the members was presented during the meeting for conformation and approval as in **Annexure - I.**

Resolution R-AC:05: 01 (A): The council resolved to approve the minutes of the fourth meeting of the Academic Council.

AC: 05: 01 (B) To confirm Action Taken Report of AC

The action taken on the points suggested in the 4th Academic Council meeting was presented to the council as attached in **Annexure – II.**

Resolution R-AC: 05:01 (B): The council resolved to approve Action taken report

AC: 05: 01 (C) Ratification for MoM of Academic Standing Committee (ASC) Meetings

The MoM of ASC meeting dated 1st Dec 2021, 5th Jan 2022 and 13th May 2022 (as attached in **Annexure – III**) were presented for ratification of various decision of ASC. It was mentioned that SY B.Tech exams were conducted in online mode (MCQ) based due to prevailing conditions of Covid. Term for FY B. Tech was extended

Discussions:

On the point, Conduction of Mid-Term examination at departmental level (On the meeting held on 1st Dec 2021)- Dr. Aditya Abhyankar, enquired the reason for the same. Dr. Govind N. Kulkarni replied that it is an action taken towards decentralization of the activities. Dr. Aditya Abhyankar appreciated the steps taken towards decentralization.

Resolution R-AC: 01:05 (C):

MoM of ASC meetings (all points as indicated in Annexure -III) were ratified by the Council members.

Item 2

AC: 05: 02 (A) Rules and Regulations for Honors and Minors

Dr. Mrs. S. U. Bhandari presented the Rules and Regulations of Honors and Minors as attached in **Annexure–IV**. She explained that they are framed in accordance with the guidelines provided by SPPU for Autonomous Institutes.

Discussions:

On the eligibility criteria ($>=6.5$CGPA with no backlog up to 4th Semester) for taking the Honors/Minors, Dr. Aditya Abhyankar suggested to increase the criteria for Honors, as the students has to be exceptional and earn the credits for acquiring Honors. He added that the same criteria as described by SPPU can be set for Minors. Director Dr. G. N. Kulkarni replied that we will consider it in due course of time

Resolution R-AC: 05:02 (A)

It was resolved to approve Rules and Regulations of Honors and Minors.

AC: 05: 02 (B) Proposed Minor Changes in B. Tech Rules and Regulations

Dr. Mrs. S. U. Bhandari presented the Summary of proposed Minor Changes in B. Tech Rules and Regulations as attached in **Annexure –V**.

Resolution R-AC: 05:02 (B)

Proposed Minor Changes in B. Tech Rules and Regulations was approved by the Council members.

AC: 05: 02 (C) Proposed Minor Changes in M. Tech Rules and Regulations

Dr. Mrs. S. U. Bhandari presented the Summary of proposed Minor Changes in M. Tech Rules and Regulations as attached in **Annexure –VI**.

Resolution R-AC: 05:02 (B)

Proposed Minor Changes in M. Tech Rules and Regulations was approved by the Council members.

AC: 05: 02 (D) Proposed Minor Changes in MCA Rules and Regulations

Dr. Mrs. S. U. Bhandari presented the Summary of proposed Minor Changes in MCA Rules and Regulations as attached in **Annexure –VI-A**.

Resolution R-AC: 05:02 (D)

Proposed Minor Changes in MCA Rules and Regulations was approved by the Council members.

Item 3

AC: 05: 03 B.Tech CSE-AI/ML –A. Structure and B. SY B. Tech syllabus

Dr. Sonal Gore, presented the structure (**Annexure-VII**) and Syllabus of S.Y.B.Tech (**Annexure-VIII**) of the program CSE-AI/ML. She also shared the MoM of the BoS held on 14th June 2022

Discussion:

Dr. Aditya Abhyankar enquired Dr. Sonal Gore the reason for keeping 16 credits for Engineering Core Course (ECC) whereas as per AICTE curriculum its only 8 credits. She explained it is due to logistic consideration of uniformity that has been decided across all the departments. Dr. Mrs. S. U. Bhandari also added that they will find the logical way of having the credits for ECC and corrective action will be taken.

Dr. S. A. Rawandale enquired about the pattern of internship and projects at COEP and Cummins College of Engineering for Women. Dr. S.L.Patil informed that in COEP except Production department all other department plans in the 7th and 8th semester. Dr. Madhuri Khambete added that in Cummins college Project/internship is taken in the 7th Semester.

Dr. Avinash Kumbhar asked Dr. Sonal Gore about the similarity level of the syllabus content of CSE-AIML in comparison with B. Tech Computer Engineering. She replied that there is a similarity level of about 60% and also elaborated that in AIML they have more mathematical contents in the form of courses such as Data Sciences.

Mr. Hemant Gadgil stressed that the curriculum for final year students should include contents for creating the Engineers as per the industry requirement. He also added that the problems from Civil and Mechanical Engineering should be given to the students and they should apply the principles studied to solve the problems. Dr. Sonal Gore replied that they are implementing five project based courses from semester 4 to semester 8. Dr. Govind N. Kulkarni added that they are adopting the Plaksha university model where project based courses are spread across all the semesters. Dr. S. A. Rawandale insisted to include the internship and industry interaction too along with the project based courses.

Resolution R-AC: 05:03 (A)

The council resolved to approve the four year structure of B.Tech CSE-AI/ML

Resolution R-AC: 05:03 (B)

The council resolved to approve the syllabus of SY B. Tech CSE-AI/ML

Item 4

AC: 05: 04 (A) Syllabus of T Y B. Tech Courses approved from BOS (Civil, Mechanical, Computer, E&TC, IT, AS&H)

All the heads of department summarised the Syllabus of TY B. Tech, (as included in **Annexure-VIII-A**) highlighting the contemporariness and Uniqueness as approved by their respective BoS.

Discussion:

Mr. Nitin Aggarwal suggested including courses related to Safety and various regulation of Safety. Dr. N. Vivekanandan replied that the care has been taken to include a course on Industrial Safety and their regulations in form of Open Elective that can be offered to all branches of students.

Dr. S. A. Rawandale insisted for internship at the TY level and asked the opinion of experts Dr. S. L. Patil replied that in CoEP they offer internship for the students at final year. Dr. Madhuri Khambete replied that each model of Internship has their own pros and cons. After following different models, now Cummins CoE have finalised a model in which students are allowed for Internship along with placement in the 7th semester only. Internship are not extended beyond the prescribed time period and as result the academics are not hampered. She also insisted on building strong rubrics for evaluation of Internship and project work.

Dr. Mrs. S. U. Bhandari raised a question on How to find that the Marathi medium students of Computer Engineering are learning better? Dr. Bhalchandra Pujari insited of using MCQ's for checking the knowledge level attained. Mr. Mr.Hemant Gadgil suggested to test the logical reasoning capability rather than their coding ability. Mr. Nitin Aggarwal added that if the average performance (Including examination result) of both the English medium Computer Engineering and Martahi medium Computer Engineering goes up equally it clearly indicated that the Marathi Medium Computer Engineering students are learning equally.

Resolution R-AC: 05:04 (A)

The council resolved to approve the Syllabus of T Y B. Tech which includes courses approved from BOS (Civil, Computer, E&TC, IT Mechanical, AS&H).

AC: 05: 04 (B) Updates in SY B. Tech syllabus

The respective department HoD's presented the minor updates in the syllabus of SY B.Tech as attached in **Annexure-VIII-B.** Dr Mrs K.Rajeswari, also discussed about Computer Networks and Database Management System of SY B.Tech, where syllabus of Second year was heavy, students learning outcomes were not achieved and as per discussion in BoS, it was approved to have a unit removed, with Higher Level concepts to be moved from Second year to Elective Courses of TY. Dr Abhyankar said that at Second year level, it is better to have a lighter syllabus and the same code will prevail.

Resolution R-AC: 05:04 (B)

The council resolved to approve minor updates in the Syllabus of S Y B. Tech

AC: 05: 04 (C) Updates in SY MCA syllabus

The Head of MCA Mrs. A. R. Arakerimath department presented the minor updates in the syllabus of SY MCA as attached in **Annexure-VIII-C.**

Resolution R-AC: 05:04 (C)

The council resolved to approve minor updates in the Syllabus of S Y MCA

AC: 05: 04 (D) Updates in Courses by AS&H for FY and SY

Resolution R-AC: 05:04 (D)

Dr. Mrs. S. U. Bhandari, presented **major change** in First year syllabus on changing teaching scheme and evaluation pattern of Computer Programming and Problem Solving (CPPS-I and CPPS-II), Programming and Problem Solving (PPS) and Mini project and basics of innovation (MPBI) as given in **Annexure-VIII-D**. Dr Mrs K. Rajeswari, HoD Computer described the change of practical hours (4 hours to 2 hours) and need for more problem solving with 1 hour theory to 2 hours. Dr Sonar, HoD AS&H explained about how credits are adjusted among the subjects. Revised course will have a new code.

Dr. Sonar further presented minor changes in other courses of FY and SY of ASH board as given in Annexure VIII-E

Resolution R-AC: 05:04 (D)

The council resolved to approve the minor updates in courses by AS&H for FY and SY and a major change as per VIII-D

Item 5

AC: 05: 05 (A) M. Tech (IT-Artificial Intelligence and Data Science) - Structure and syllabus of F. Y. M. Tech

Dr. Mrs. S. D. Patil presented the structure and syllabus of F. Y. M. Tech (IT-Artificial Intelligence and Data Science) as included in **Annexure-IX**.

Resolution R-AC: 05:05 (A)

The council resolved to approve the Structure and Syllabus of F. Y. M. Tech (IT-Artificial Intelligence and Data Science)

Item 6

AC: 05: 06 (A) B Voc programs: S.Y. B.Voc Syllabus of Four Programs

Dr. Umesh Potdar presented the S. Y. B.Voc syllabus of the four B.Voc Programs as per the **Annexure-X**.

Discussion:

Council enquired about the percentage of syllabus dedicated to On-job training and academics, Dr. Umesh Potdar replied that the On-job training contributes 60% and academics contributes 40% in the syllabus. He further mentioned about the evaluation scheme of on-job-training.

Resolution R-AC: 05:06 (A)

The Council resolved to approve S. Y. B. Voc syllabus of all the four programs.

AC: 05: 06 (B) B Voc programs: Academic and Examination Rules & Regulations

Dr. Umesh Potdar presented the Rules and Regulations for Academics, Examinations and Evaluation for B.Voc Programs as attached in **Annexure-XI.**

Resolution R-AC: 05:06 (B)

The Council resolved to approve The Rules and Regulations for Academics, Examinations and Evaluation of B.Voc Program.

Item 7

AC: 05: 07 Academic Calendar for SY B.Tech, TY B. Tech, SY M. Tech, SY MCA, FY B.Voc and SY B.Voc (2022- 23)

Dr. Mrs. S. U. Bhandari presented the Academic Calendar for SY B.Tech, TY B. Tech, SY M. Tech, SY MCA, FY B.Voc and SY B.Voc (2022- 23) as attached in **Annexure-XII.** She further mentioned that calendar for all FY will be prepared as per DTE admission schedule

Resolution R-AC: 05:07

The Council resolved to approve all the Academic calendars presented.

Item 8

AC: 05: 08 Results of AY 2021-22 Odd Semester

Dr. S. L. Tade presented the Results of AY 2021-22 (Odd Semester) as attached in **Annexure-XIII.**

Discussion:

Dr. S. L. Tade informed that the FY. B. Tech result was less because of shifting from online mode to offline mode. Dr. Mrs. S. S. Sonar added that even though the overall results of FY B. Tech results are less but the individual course wise results are good.

Resolution R-AC: 05:08

The council has resolved to note the Results of AY 2021-22 Odd Semester

Item 9

AC: 05: 09 Academic and Assessment Reforms: Relative Grading

Dr. Mrs. Leena Sharma presented the Relative grading implementation methodology as attached in **Annexure-XIV.** Dr. G. N. Kulkarni proposed for the implementation of Relative grading for the next batch from Academic Year 2022-23.

Resolution R-AC: 05:09

The Council resolved to approve the implementation of Relative grading from Academic Year 2022-23.

Item 10

AC: 05: 10(A) Any other point - Nomination (Other than parent university) on MCA BoS

In view of inability communicated by Dr. Vivek Khirsagar, Mrs.A. R.Arakerimath presented three names as a replacement for the Nomination (Other than Parent University) on MCA BoS as attached in **Annexure-XV**.

Discussion:

After discussion Dr. Suhasini Vijaykumar, Professor, Bharati Vidhyapeeth Institute of Manegment and Information Technology is finalized as the Nomination (Other than Parent University) on MCA BoS.

Resolution R-AC: 05:10(A)

The council resolved to approve the Nomination (Other than Parent University) on MCA BoS as Dr. Suhasini Vijaykumar.

AC: 05: 10(B) Any other point - Closure of M. Tech (Mechanical, Heat-Power)

Dr. P. A. Deshmukh presented the following points as the reasons for the Closure of M. Tech (Mechanical, Heat-Power)

1. Lack of Job Opportunities for M Tech Heat Power
2. Very Few thermal domain specific industries in vicinity
3. Decline in admission over last 4 years
4. Opportunity for PG programs in Systems Engineering and Automation

Resolution R-AC: 05:10(B)

The council resolved to approve the Closure of M. Tech (Mechanical, Heat-Power)
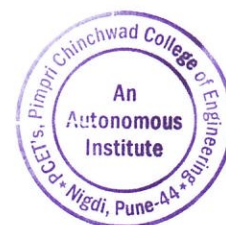
The meeting ended with the Vote of thanks.

Prepared by

Dr. N. Vivekanandan –Associate Member Secretary-Academic Council, PCCoE
Dr. S. U. Bhandari, Member Secretary –Academic Council, PCCoE

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

Chairman
Academic Council
PCET's, Pimpri Chinchwad College of Engineering
Sector No. 26, Pradhikaran, Nigdi, Pune-44