PCCOE/CSE (AI & ML)/2024-25/156

Pimpri Chinchwad Education Trust's

Pimpri Chinchwad College of Engineering

Minutes of Meeting: Sixth Board of Studies Meeting on 30th November 2024

Department: CSE (AI & ML)   **Academic Year**: 2024-2025   **Semester**: I
Date: 02/12/2024

The sixth meeting of the Board of Studies of Computer Science & Engineering (AI & ML) Program of PCCoE was held on Saturday 30/11/2024 at 10:00 A.M. in Online Mode.
The following Members were present:-

Sr. No.	Name	Designation
1.	Dr. Anuradha Thakare	BoS Chairman, Department of CSE (AI & ML), PCCOE, Pune.
2.	Dr. Yogesh Deshpande	Professor, (Director VU Digital) Vishwakarma University, Pune
3.	Dr. Sudhir Dhage	Professor, Department of Computer Engineering, Sardar Patel Institute of Technology, Mumbai.
4.	Dr. Sandhya Arora	Professor Computer Engineering, Cummins College of Engineering Pune.
5.	Dr. Yogesh Kulkarni	Principal Architect (CTO office, Icertis)
6.	Mr. Hemant Selmokar	Project Manager, Infosys Pune
7.	Dr. Manisha Mantri	Joint Director, CDAC Pune
8.	Mr. Shyam Deshmukh	Tech Lead QA Engineer,NICE, Pune.
9.	Dr. Sonal Gore	Associate Professor
10.	Dr.Jyoti Kulkarni	Associate Professor
11.	Mrs. Shailaja Pede	Assistant Professor
12.	Mrs. Pallavi Dhade	Assistant Professor
13.	Mrs. Santwana Gudadhe	Assistant Professor
14.	Mrs. Pradnya Narkhede	Assistant Professor
15.	Dr. Madhuri Pagale	Assistant Professor
16.	Mrs. Suvarna Bhatsangave	Assistant Professor

Following permanent Invitees were present:-

Sr. No.	Name	Designation
1.	Dr. Yogesh Deshpande	Professor, (Director VU Digital) Vishwakarma University, Pune
2.	Dr. Sudhir Dhage	Professor, Department of Computer

		Engineering, Sardar Patel Institute of Technology, Mumbai.
3.	Dr. Sandhya Arora	Professor Computer Engineering, Cummins College of Engineering Pune.
4.	Dr. Yogesh Kulkarni	Principal Architect (CTO office, Icertis)
5.	Mr. Hemant Selmokar	Project Manager, Infosys Pune
6.	Dr. Manisha Mantri	Joint Director, CDAC Pune
7.	Mr. Shyam Deshmukh	Tech Lead QA Engineer,NICE, Pune.

Agenda for the 6th BoS (BoS:05) meeting was as follows: -

1. Welcome to the Board of Studies CSE (AI & ML).
2. Minor Revision in S.Y. B.Tech. CSE (AI & ML) Courses.
3. Proposed Structure of T.Y. B.Tech CSE (AI & ML) .
4. Approval for UG Exit Policy.
5. Post-Facto approval for change in Nomenclature of Open Electives.
6. Post-Facto approval for change in Assessment scheme
7. Post-facto approval for Equivalence of NEP and Non-NEP courses.
8. Suggestions for Strategies to identify advanced and slow learners
9. Open Discussion.
10. Vote of Thanks

The following points were discussed during the meeting: -

Dr Anuradha Thakare Chairman BoS, welcomed all the BoS Members and briefed them about the agenda for today's meeting. Further, she also discussed the increase in students' intake from AY 2024-25.

BoS:06:01- To confirm the Minutes of the meeting of the 5th BoS conducted on 7th May 2024.

- Prof. Shailaja Pede, an autonomy coordinator, has confirmed the minutes of the meeting of 5th BoS conducted on **7th May 2024.** She briefed about the action taken on the suggestions received from BoS. In conclusion, all the actions suggested by the BoS members were implemented.

Resolution BoS:06:01: The BoS Members have approved the minutes of the fifth meeting of the BoS.

BoS:06:02 . : Minor Revision in S.Y. B.Tech. Computer Science & Engineering (AI & ML)

The discussion started with the presentation on semester-wise structure of S.Y. B.Tech. (Sem III) Shailaja Pede proposed following changes and revisions in SY B Tech Structure and syllabus.

1. Minor changes in Syllabus of AI for financial modeling, department specific open elective offered by CSE-AI ML to other department students. A course is offered to the students of other departments, unit III & Unit IV contents related to advanced machine learning algorithms are replaced, considering the interest of students of Civil & Mechanical branch.
2. In the last FY BTech syllabus revision, the Object Oriented programming course was shifted to

F.Y. from S.Y. semester-III. Now Java Programming is proposed in semester III instead of Object oriented programming, since it is important from a placement point of view.

3. Minor revision is proposed in the Community Engineering Project course by adding ML assignments as Group - A.

4. Minor changes in unit 2 & 3 of MDM course- I Introduction to Generative AI

Following discussion happened on AI for Financial Modeling, Java Programming assignments and CEP Assignments & Project work :

- Dr . Sandhya Arora asked about the evaluation pattern of the AIFM course, whether it will be pen paper based? Shailaja Pede explained the existing FA patterns used by faculties to conduct FA like Case study based presentation,Open book test, Problem Solving etc. She also suggested giving the flavour of time series forecasting to students . The Course chairman has taken note of suggestions.

- Dr. Manisha , Dr. Yogesh agreed with the changes made in the 3rd and 4th Unit of AI for Financial modeling Syllabus.

- Ms. Pradnya explained the Java Programming Assignments and Dr. Anuradha Thakare explained the purpose of including core java concepts in the syllabus. Dr.Sandhya Arora suggested to include mini projects at the end of the course, Some Self learning or open ended assignments for other front end techniques.

- Dr. Yogesh Deshpande also suggested including self learning assignments and projects in JAVA programming courses, which may include use of collections,frameworks,network and database concepts.

- In CEP, as a part of Group B assignments, the concept of handling Environmental Issues through project development is focussed. Students will apply Machine learning models to real time data collected through field visits. All BoS members appreciated the idea of CEP projects focusing on Environmental issues. BoS members have shown interest in knowing about existing CEP projects implemented. Some project ideas are discussed with them.

- Mr. Hemant Selmokar sir suggested having an MOU with Krushi Vigyan Kendra for real time data collection and further analysis. Their experts can share the information and knowledge. Further he asked about the evaluation pattern of these projects and suggested evaluating it in 2 phases with the help of rubrics through Monthly review and final review. Department is already following it.

- Contents of unit 2 & 3 of MDM course- I Introduction to Generative AI are rearranged.

- Shailaja Pede told about the Baby Conference which was held for second year students for sem-III, for motivating students to write their research work which was appreciated by BOS members also Dr. Sandhya Arora suggested to push students to publish their work.

Resolution BoS:06:02:A: All the BoS members approved the changes in SY BTech Structure and Syllabus.

BoS:06:03 : Proposed Structure of T.Y. B.Tech. Computer Science & Engineering (AI & ML)

The semester-wise syllabus structure of Third Year BTech course along with different categories such as Program core, Professional electives, Open electives was presented.

Following discussions were happened on Third Year BTech structure:

- Shailaja Pede presented the curriculum structure of the third year BTech.
- Dr. Sudhir Dhage suggested having computer vision and deep learning as separate courses or can be added as an elective. Dr. Anuradha Thakare gave the explanation of grouping the subjects together and keeping the subject compulsory instead of elective. Since both subjects are important for students to learn, we cannot shift it as elective. Looking at structure and number of heads, it was required to combine them.
- All BoS members were keen to know about the contents of the Full Stack Development course and also suggested React JS, Angular JS, Database, MongoDB.
- There was discussion about adding a new subject, "Embedded AI". All BoS members were asked about their opinion. Dr. Sonal Gore Presented the thought and purpose behind Embedded AI Lab. It is important for students to get experience to work on hardware related projects.
- Dr. Sandhya Arora and Dr. Sudhir Dhage both suggested combining NLP and Cloud computing by considering student's need of having knowledge of Cloud and NLP instead of Embedded AI which will be too specific.

Resolution BoS:06:03: It is unanimously agreed to keep Embedded AI laboratory course in T.Y. BTech. All BoS members approved the proposed structure.

BoS:06:04 Approval for UG Exit Policy (Implementation of NEP)

- The discussion happened on the UG exit policies as per the guidelines by NEP and discussed the structure and syllabus of the courses of Exit policy as FY Exit, SY Exit and TY Exit and she requested for the approval.
- Dr. Yogesh Deshpande , Dr.Sudhir Dhage appreciated the exit policy structure and ensured the knowledge component students will get before each exit. Dr.Thakare explained about the importances of all the courses as per the market demand. All are agreed for the same.

Resolution BoS:06:04 :All the BoS members approved UG Exit Policy structure and syllabus.

BoS:06:05: Post facto approval for change in Nomenclature of Open electives

- The changes made in open elective courses after the academic council meeting held on 19th June 2024 were discussed. One open elective is from the mathematics category, one from engineering science and the rest from department specific. Open Elective I, II and III are known as OE (Mathematics), OE(Engineering Science) and OE(Department Specific). Accordingly changes are made and implemented in semester I of AY 2024-25. The post facto approval for the same was requested.

Resolution BoS:06:05: All the BoS members approved the Post-facto Approval for Change in Open Electives.

BoS:06:06: Post-Facto Approval Change in Assessment policy.

- The department presented the New Assessment Policy implemented from AY 2024-25 which includes Formative Assessment 40% and Summative assessment 60% instead of Continuous Internal evaluation 50% and End term evaluation 50%. The various Formative assessment techniques implemented for evaluation of various courses in semester-I of AY 2024-25 were discussed.

Resolution BoS:06:06: All BoS members approved Post-Facto Approval for Change in Assessment policy.

BoS:06:07:Equivalence of NEP & Non-NEP Courses

- The Equivalence of NEP & Non-NEP Courses were presented. As NEP was implemented in 2023 , equivalence of similar kinds of courses in NEP and Non-NEP are identified and circulated among students for smooth conduction of examination.

Resolution BoS:06:07:All the BoS members appreciated and approved

BoS:06:08:Strategies for identification of Slow learners & Advanced learners

- Dr. Anuradha Thakare presented the sample strategies, questionnaires and actions for identification of Slow learners & Advanced learners
- Dr. Yogesh Deshpande suggested handling both Advanced and Slow learners individually, unknowingly without labeling them publicly. One to One interaction and inputs are insisted. For advanced learners he suggested giving simulation type of projects.
- Dr.Anuradha Thakare kept a thought of taking inputs from students about what they need or expect to improve themselves which was a good idea and was appreciated by Hemant Selmokar.
- Dr. Sandhya Arorra suggested giving problems or case studies per unit for slow learners and asked them to mail it personally. Further she suggested a mentor-mentee scheme.

BoS:06:09: Open Discussion

- Dr. Yogesh Despande, Mr. Hemant , Dr. Dhage, Mr.Shyam, Ms. Manisha madam all appreciated the structure and thought given for framing exit policies. A brief discussion happened about various courses which can be offered under the professional elective category. Dr. Sandhya appreciated the department for having a good percentage of placement of final year students.

BoS:06:10 Vote of Thanks
- Meeting ended with a presentation summary and a vote of thanks by Dr. Anuradha Thakare, BoS Chairman and Prof. Shailaja Pede, Autonomy Coordinator.

Dr. A.D.Thakare
BoS Chairman & Head of Department
Computer Science & Engineering (AI & ML)
PCCoE, Pune.

Enclosures:
1. Meeting Attendance
2. Meeting Photograph

Meeting Photographs: