



Hindusthan College of Engineering and Technology

Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Coimbatore – 641 032

Date: 14.06.2023

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

The 7th Board of Studies meeting of regulation R2019 & R2022 for the academic year 2023 - 2024 Odd Semester was conducted on 14.06.2023 at 11.00 a.m. in Hybrid mode, Hindusthan College of Engineering and Technology. (Google Meet: meet.google.com/vkk-mdwf-yjs).

The following members were present:

S. No.	Name of the Member	Position
1	Dr Shankar S Professor & HOD Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology	Chairman
2	Dr Thulasimani K Professor, Department of Computer Science and Engineering, Government College of Engineering, Tirunelveli-627007	University Nominee
3	Dr Marikkannan M Assistant Professor (Senior) Dept of CSE, Institute of Road and Transport Technology, Erode - 638316.	Subject Expert
4	Dr Sivaganesan D Professor Department of Computer Science and Engineering, PSG Institute of Technology and Applied Research, Coimbatore.	Subject Expert
5	Dr PRAKASH P Associate Professor School of Computer Science and Engineering, VIT Chennai.	Member from QIS rated Institution
6	Mr Rajesh Kumar H Founder BuzzTech Training Institute, Coimbatore.	Industry Expert
7	Mr Manuraj Rajamanikandan Non-Functional Consultant Cognizant, Kochi, Kerala.	Alumni
8	Dr .Jameer Basha A Professor & HOD Department of Computer Science and Engineering, Hindusthan Institute of Technology	Member from sister concern

9	Ms Sathya S Assistant Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Autonomous Coordinator & BoS Member
10	Dr Satheesh Kumar D Associate Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Member
11	Dr Prakash J Associate Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Member
12	Dr Kousalyadevi M Associate Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Member
13	Ms. Ragavi P R 20115040- III B.TECH AIML, Hindusthan College of Engineering and Technology, Coimbatore-641032	Student Member
16	Mr. A.Ramesh Parent Member F/o, Ms. Ragavi P R, III B.TECH AIML	Parent Member


- Dr.S.Shankar, Chairman, Board of Studies, welcomed the Anna University nominee, Subject experts, Special Invitees and all the internal members for the Seventh Board of Studies meeting.
- Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting, which was held during **18.02.2023**, was approved.
- The feedback received on the curriculum by the stakeholders was presented.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of including the Skill Development related courses in the curriculum to be in line with the industry needs.

Also, the following points were discussed.

- Discussion of inclusion of Minor and Major Degree programmes for Scheme of Curriculum 2022-2023 with Minors, Honors, Honors with specialization system in Regulation 2019.
- The whole curriculum and syllabi of Third semester subject alone is discussed for 2022 regulation.

the students admitted during the academic year 2021 - 2022 and onwards was suggested to move on to Academic Council.

- The Curriculum and Syllabus of Regulation 2022 for the III Semester Subjects- 22MAXXX, 22PHXXX, 22HEXXX, and 22MCXXX were introduced and passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING for the students admitted during the academic year 2022-2023 onwards.
- Chairman conveyed that, the Suggestions given by the Previous Board of Studies members are ratified and resolved.
- Chairman thanked all the members for spending their valuable time in giving suggestions for all the courses. The meeting came to an end at 12:00 am with vote of thanks.



Chairman

(Board of studies)

Enclosure:

1. Previous BoS Minutes- ATR
2. Regulation 2019 & 2022
3. Curriculum and Syllabi

Copy:

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the members of BoS
5. File

Chairman - BoS
AIML - HICET



Hindusthan College of Engineering and Technology

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Date: 09.12.2023

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

The 8th Board of Studies meeting of regulation R2019 & R2022 for the academic year 2023 -2024 Even Semester was conducted on 09.12.2023 at 11.00 a.m. in Hybrid mode, Hindusthan College of Engineering and Technology. (Google Meet: meet.google.com/vkk-mdwf-yjs).

The following members were present:

S. No.	Name of the Member	Position
1	Dr Shankar S Professor & HOD Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology	Chairman
2	Dr Thulasimani K Professor, Department of Computer Science and Engineering, Government College of Engineering, Tirunelveli-627007	University Nominee
3	Dr Karthika Renuka D Professor, Department of Information Technology, PSG College of Technology, Coimbatore.	Subject Expert
4	Dr SIVAGANESAN D Professor, Department of CSE, PSG Institute of Technology and Applied Research, Coimbatore	Subject Expert
5	Dr Surendiran B Associate Professor Dept of Computer Science and Engineering, National Institute of Technology, Puducherry.	Member from QIS rated Institution
6	Dr Prakash P Associate Professor School of Computer Science and Engineering, VIT Chennai.	Member from QIS rated Institution
7	Mr Dinesh Raja Managing Director, Haqto Technologies, Coimbatore	Industry Expert

8	Mr Balamukesh Coimbatore	Alumni
9	Dr.Kousalya Devi Associate Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Member
10	Ms Sathya S Assistant Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Autonomous Coordinator & BoS Member
11	Dr Satheesh Kumar D Associate Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Autonomous Coordinator & BoS Member
12	Dr Prakash J Associate Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Member
13	Mr Mahesh D Assistant Professor Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore-641032	Member
14	Ms. Ragavi P R 20115040- IV B.TECH AIML, Hindusthan College of Engineering and Technology, Coimbatore-641032	Student Member
15	Mr. A.Ramesh Parent Member F/o, Ms. Ragavi P R, III B.TECH AIML	Parent Member

- Dr.S.Shankar, Chairman, Board of Studies, welcomed the University nominee, Subject experts, Special Invitees and all the internal members for the thirteen Board of Studies meeting.
- Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting, which was held during **14.06.2023**, was approved.
- The feedback received on the curriculum by the stakeholders was presented.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department

Advisory Committee (DAC) and emphasized the importance of including the Skill Development related courses in the curriculum to be in line with the industry needs.

- The Chairman also mentioned the revision of R2019 Syllabus, which meets on higher order thinking levels, based on the recommendations from Stakeholders and emphasized the following points.
 - Scheme of Regulation 2022-2023
 - Courses for the Programme.
 - Syllabus for the courses of the Fourth semester alone under 2022 regulation
 - 6th semester Minors, Honors subject alone is discussed for 2019 regulation.

Also, the following points were discussed.

- Discussion of inclusion of Minor and Major Degree programmes for Scheme of Curriculum 2022-2023 with Minors, Honors system in new regulation 2022.
- The whole curriculum and syllabi of Fourth semester subject alone is discussed for 2022 regulation.
- The curriculum and syllabi of 6th semester Minors, Honors, Honors with specialization subject alone is discussed for 2019 regulation.
- Syllabus for minor degree courses passed by CSE, Civil and MBA ie Fundamentals of Investment, Banking, Financial Services and Insurance, Introduction to Business Venture.

For 2021-2022 batch students, the following courses has been introduced or revised

1. 21AI6601 - Introduction to Databases course is introduced as new Minor degree course in the semester VI with 3 credits.
2. 21AI6602 - Foundation of Artificial Intelligence & Machine Learning course is introduced as new Minor degree course in the semester VI with 3 credits.
3. 21AI6204 - Sensors and Actuators course is introduced as new Honours degree course in the semester VI with 3 credits.
4. 21AI6205 - Robots, bots and communication course is introduced as new Honours degree course in the semester VI with 3 credits.
5. 21AI6206 - Introduction to block chain course is introduced as new Honours degree course in the semester VI with 3 credits.
6. 21AI6207 - Cryptocurrency course is introduced as new Honours degree course in the semester VI with 3 credits.
7. 21AI6208 - Communication for CPS course is introduced as new Honours degree course in the semester VI with 3 credits.

8. 21AI6209 - Security in Cyber Physical Systems course is introduced as new Honours degree course in the semester VI with 3 credits.
- *For 2022-2023 batch students, the following courses has been introduced or revised*
 1. 22AI4201 - Database Management Systems course is a theory course and it is introduced as new course in semester IV with credit 3.
 2. 22AI4203 - Software Design with UML course is a theory course and it is introduced as new course in semester IV with credit 3.
 - *For 2023-2024 batch students, the following courses has been introduced*
 1. 22CS2256 – Problem Solving using C Programming course is introduced as new Theory with lab component course in semester II with credit 3.
 2. 22HE2071 - Design Thinking course is introduced as new course in the semester-II as Employability course with two credits.
 3. 22HE2072 - Soft Skills and Aptitude 1 course is introduced as new course in the semester I as Employability course with one credit
 4. 22MC2094 - தமிழரும் தொழில்நுட்பமும் course is introduced as new course in the semester I as mandatory course with one credit
 5. 22MC2095 - Tamils And Technology course is introduced as new course in the semester I as mandatory course with one credit

The following are the recommendations put forth by the BoS members,

1. The subject expert Dr Prakash P Suggested to change the title from software Analysis & Design to “Software Design with UML” because the syllabus covers more on Unified Modeling Language concepts instead of Design concepts
2. The Industry expert Dinesh Raja “In Robotics Domain – Sensors and Actuators course” ,Suggested to swap UNIT – 4 and UNIT- 5 and asked to include case study in unit -5
3. Dr Thulasimani K , Anna University Nominee Suggested to include scenario based questions in lab component
4. The subject expert Dr. Sivagansan, Suggested to include Advanced Technology Courses Block Chain Technology Domain
5. The subject expert Dr Surendiran B Suggested to introduce courses like Recommender systems, Power BI, cyber security in the curriculum so as they would be updated in latest industrial courses.
6. Value added course Advanced java programming and HTML, CSS is introduced which includes various courses for the students to enhance their technical skills.

General Recommendations:

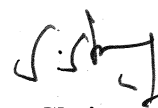
1. Dr Thulasimani K , Anna University Nominee appreciated for including industrial oriented courses and agreed that students would be surely benefitted and suggested to provide sufficient time to students to complete the courses
2. The subject expert Dr Surendiran B Suggested to include recent editions of text and reference books in the syllabus. Also suggested that, if one text book covers all the units then one text book is enough. Otherwise, more than one text books may be included in the syllabus.

The Chairman, BoS and all members accepted to incorporate the above in the curriculum.

The following resolutions were made in the Board of Studies meeting,

- o The curriculum and syllabi of 2019 Regulation with Amendments for the VIII semester was passed by the AIML board and permitted to move on Academic Council by the BoS members of AIML for the students admitted during the academic year 2020 - 2021 and onwards.
- o The curriculum and syllabi of 2019 Regulation with Amendments for the VI semester Courses of AIML Board for the students admitted during the academic year 2021 - 2022 and onwards was suggested to move on to Academic Council.
- o The curriculum and syllabi of 2019 Regulation with Amendments for the IV semester Courses of Minors, Honors, Honors with specialization subject were introduced and passed by the AIML board and permitted to move on Academic Council for the students admitted during the academic year 2022 - 2023 onwards.
- o The Curriculum and Syllabus of Regulation 2022 for the II Semester Subjects- 22MAXXX, 22PHXXX, 22HEXXX, and 22MCXXX were introduced and passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of AIML for the students admitted during the academic year 2023- 2024 onwards.

The meeting ended with thanks to the Chair at 12.00 PM.



Chairman

(Board of studies)

**Chairman - BoS
AIML - HICET**

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