Date: 07/02/2022

Minutes of Meeting – Board of Studies (BOS)

Minutes of Meeting of Board of Studies of Department of Computer Science and Engineering (AI&ML) held on 07th February 2022 at 11.00 AM at MG Block, VIP Lounge.

S. No.	Name of the Members	Designation	Signature
1	Dr. T. Poongothai Professor & HoD, Department of CSE(AI&ML)	Chairman	
2	Dr. S. Vishwanadha Raju Professor of CSE, JNTUH College of Engineering Jagtial.	University Nominee	
3	Dr. N.S. Gowri Ganesh Professor, Dept. of Information Technology Malla Reddy College of Engineering & Technology, Secunderabad.	Educationist	
4	Dr. M. Laxmaiah, Professor & HoD, Dept. of CSE (Data Science), CMR Engineering College, Hyderabad.	Educationist	
5	Mr. B. Vivekananda Kumar Technical Associate, GENPACT India Pvt. Ltd.	Industrialist	
6	Dr. S.V.S.Rama Krishnam Raju Dean Academics	Member	
7	Dr. D. Ranadheer Reddy, Professor & HoD, S&H	Member	
8	Dr. G. Govinda Rajulu Associate Professor, Dept. of CSE	Faculty Member	
9	Dr. R. Santhoshkumar Associate Professor, Dept. of CSE	Faculty Member	
10	Dr. S. Saravanakumar Associate Professor, Dept. of CSE	Faculty Member	
11	Dr. G. JawaherlalNehru Associate Professor, Dept. of CSE	Faculty Member	
12	Dr. K. Gurnadha Gupta Associate Professor, Dept. of CSE	Faculty Member	
13	Ms. Vallandas Ramya, Senior officer (Full Stack Developer) DBS Bank, Hyderabad	Alumni of CSE	

The meeting began with Chairman, Board of Studies extending a warm welcome to all the members of participating in the meeting.

The following points were discussed and approved during the meeting

1. The following proposed R20 Course Structure and the detailed syllabi of III-I, III-II, IV-I and IV-II were presented, discussed and approved.

S. No.	Theory	Laboratory
III Year I Semester		
1	1. Advanced Artificial Intelligence 2. Data warehousing and Data Mining 3. Design and Analysis of Algorithms 4. Computer Networks 5. Professional Elective-I / MOOC's 6. Professional Elective-II 7. Intellectual Property Rights	1. Data warehousing and Data Mining Lab 2. Design and Analysis of Algorithms Lab 3. Computer Networks Lab
III Year II Semester		
2	1. Machine Learning 2. Natural Language Processing 3. Software Engineering 4. Professional Elective –III / MOOC's 5. Open Elective-I 6. Environmental Science	1. Machine Learning and Natural Language Processing Lab 2. Software Engineering Lab 3. Advanced Communication Skills Lab
IV Year I Semester		
3	1. Deep Learning 2. Robotics 3. Professional Elective -IV 4. Professional Elective –V 5. Open Elective – II	1. Deep Learning Lab 2. Industrial Oriented Mini Project/ Summer Internship 3. Seminar 4. Project Stage – I
IV Year II Semester		
4	1. Organizational Behavior 2. Professional Elective – VI 3. Open Elective – III	1. Project Stage – II

2. The following proposed R22 Course Structure and the detailed syllabi of I-I, I-II, II-I and II-II were presented, discussed and approved.

S.No.	Theory	Laboratory
I Year I Semester		
1	1. Linear Algebra and Calculus 2. Applied Physics 3. Programming for Problem Solving 4. Engineering Graphics 5. Environmental Science	1. Applied Physics Lab 2. Programming for Problem Solving Lab

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	6. Technical Seminar 7. Induction Programme	
I Year II Semester		
2	1. Ordinary Differential Equations and Vector Calculus. 2. Engineering Chemistry 3. Basic Electrical Engineering 4. Engineering Workshop 5. Professional English	1. Engineering Chemistry Lab 2. English Language and Communication Skills Lab 3. Basic Electrical Engineering Lab 4. Micro Project
II Year I Semester		
3	1. Discrete Mathematics 2. Data Structures 3. Mathematical and Statistical Foundations 4. Computer Architecture and Organization 5. Python Programming 6. Business Economics and Financial Analysis	1. Data Structures Lab 2. Python Programming Lab 3. Gender Sensitization Lab
II Year II Semester		
4	1. Formal Languages and Automata Theory 2. Introduction to Artificial Intelligence 3. Operating Systems 4. Database Management Systems 5. Object Oriented Programming using Java 6. Constitution of India	1. Artificial Intelligence Lab 2. Database Management Systems Lab 3. Java Programming Lab

3. R22 Course Structure of III-I, III-II, IV-I and IV-II were presented, discussed and approved.

The following points were suggested and it is considered for implementation

1. Suggested to provide option for the students to undergo MOOC courses in the curriculum hence it is included in Professional Elective-I and Professional Elective-III
2. Suggested to include robotics subject instead of Reinforcement learning in 4-1 semester and it is implemented.
3. Suggested that the professional electives should cover all the domains and need to fulfill the prerequisites.
4. Suggested that the open electives should follow the prerequisite requirements and suggested to give provision to do lab experiments in the relevant open elective subject
5. Suggested to maintain 5 or 6 course outcomes in each subject should that need to be in line with the modules of the subject.
6. Suggested to include case study in the relevant lab subject and every student need to present the case study at the end of the semester.
7. Suggested that mathematics courses syllabus should be in-line to Computer Science and Engineering (AI&ML) course.

T. Poorna

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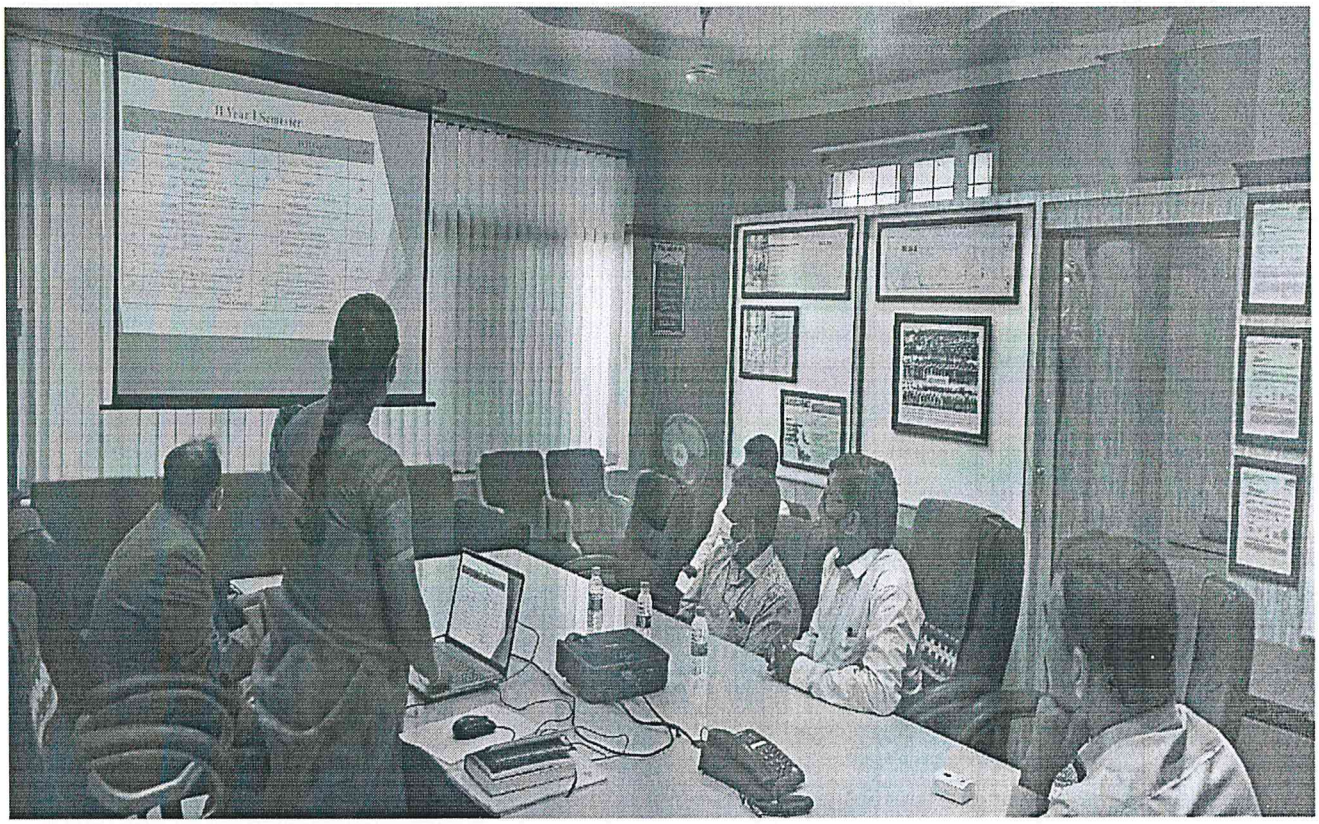

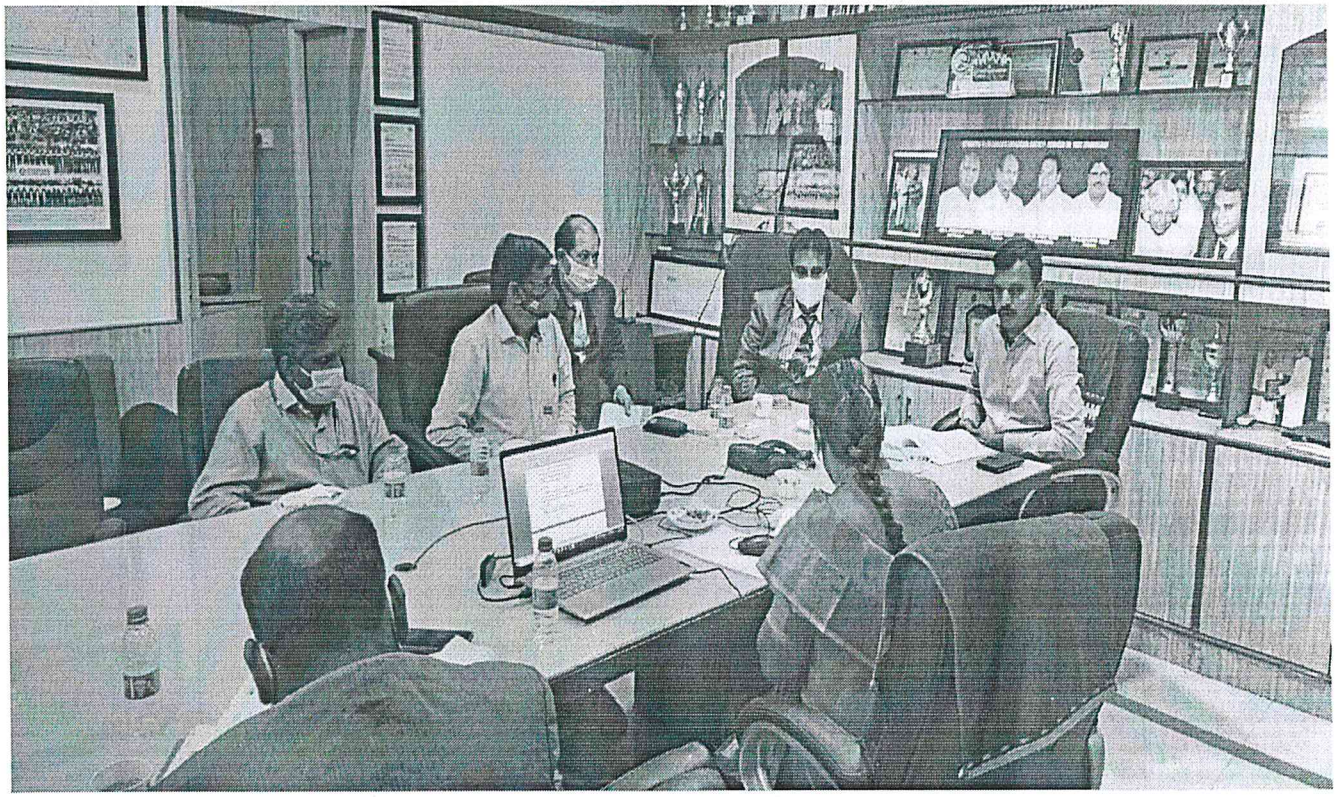

T. Pungu

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The meeting ended with chairman thanking members for their lively and useful interaction to evolve a best possible course structure and syllabus for the CSE(Artificial Intelligence and Machine Learning) programme.

T. Poorna 7/2/2022

HOD (CSE-AI&ML)

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Copy to:

1. Principal
2. IQAC