

Date: 05.05.2023

Seventh Board of Studies (BoS) Meeting

Venue: Jasmine (Hybrid)

Meeting ID:

<https://us06web.zoom.us/j/87448672224?pwd=RVNTYmFYVnRpVklzNUQ1a3RrWXpjQT09>

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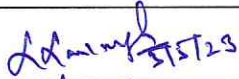

Time: 9:00 AM







Agenda:

To discuss and pass

1. Minutes of Action taken on the 6th BoS meeting
2. Curriculum and Syllabi for VII and VIII semesters of UG programme under Regulations 2021
3. Curriculum and Syllabi for III to VIII semesters of UG programme under Regulations 2021 revised
4. Professional Electives under Regulations 2021
5. Open Elective Courses under Regulations 2021
6. Syllabi of Fintech and Blockchain vertical of minor degree
7. Online Courses
8. Industrial training / Internship
9. Industry oriented courses
10. Value added courses
11. Methodologies for innovative teaching and evaluation
12. Any other matter brought by the chair.

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. A. C. Sumathi Head & Associate Professor, Department of AD, KPRIET	Chairman	
2.	Dr. M. Vijayalakshmi Professor Department of Computer Science and Engineering Thiyagarajar College of Engineering Madurai	University Nominee	ONLINE
3.	Dr. M. Brindha Associate Professor Department of Computer Science and Engineering National Institute of Technology Tiruchirappalli	Academic Expert	ONLINE
4.	Dr. Ramalatha Marimuthu Ombudsman, IEEE Computer Society Director, iExplore Foundation for Sustainability Development Coimbatore	Academic Expert	ONLINE
5.	Mr. Sanjay Mishra Head Information System CIO L&T Construction Chennai	Industry Expert	ONLINE
6.	Dr. V. Bhuvanewari Professor Department of Computer Applications Bharathiar University Coimbatore	Special Invitee	ONLINE
7.	Mr. S. Sudarsun Chief Scientific Officer at BUDDI AI Chennai	Special Invitee	
8.	Ms. V. Pavithira Consultant Ernst & Young Global Limited Chennai	Alumni	ONLINE
9.	Dr. S. Sankar Ganesh Associate Professor, AD, KPRIET	Faculty Member	
10.	Dr. Vignesh V	Faculty Member	

	Associate Professor, AD, KPRIET		
11.	Dr.N.Saranya Assistant Professor (SI .G.), AD, KPRIET	Faculty Member	
12.	Mr. Vijayaganth V Assistant Professor (Sr. G.), AD, KPRIET	Faculty Member	
13.	Mr Premkumar M Assistant Professor (Sr. G.), AD, KPRIET	Faculty Member	
14.	Mr. G.Selvakumar Assistant Professor (Sr. G.), AD, KPRIET	Faculty Member	
15.	Mr. Prasath B Assistant Professor (Sr. G.), AD, KPRIET	Faculty Member	
16.	Mrs.S.P.Kavya Assistant Professor (Sr. G.), AD, KPRIET	Faculty Member	

Minutes of 7th BoS Meeting:

The meeting was convened with the Chairman as well as the members of the Board of Studies and meeting started with a presentation on Vision, Mission, PEOs, POs, PSOs, Syllabus content of Curriculum of Regulation 2021 and revised R2021, highlighting the various features of the curriculum.

Following points have been discussed during the 7th Board of Studies meeting.

RESOLUTIONS:

1. Minutes of Action taken on the 6th BoS meeting:

The minutes of the 6th BoS meeting and the action taken by the department are following

- (i) Dr. M. Vijayalakshmi suggested to include subjects like Operating systems and Computer Architecture in Regulation 2021 – The suggestions have been implemented in the subject Computing Essentials.
- (ii) Dr. Ramalatha Marimuthu insisted to ensure the contents of Networks and Communication syllabus – contents are revised as per the suggestions and implemented
- (iii) Dr. M. Brindha Recommended to choose advanced courses for the honours degree – The suggestions are implemented.
- (iv) Dr. Ramalatha Marimuthu recommended to include extra professional verticals like Cyber Security and Emerging Technologies – The suggestion implemented in elective verticals successfully.

2. The curriculum and syllabi for VII and VIII semesters of UG Programme under Regulation 2021 and Revised 2021

Resolved to approve that the following recommendation may be passed to the standing committee of the Academic Council that the choice based credit system based curriculum and syllabi for the B.Tech Artificial Intelligence and Data Science program under Regulation 2021 and Revised 2021 be passed with the following suggestions.

- Mr. Sudarsan and Dr. Ramalatha Marimuthu suggested to include Generative Learning with topics such as GPT and Transformer technology instead of Ensemble learning and Leveraging transformers in building NLP based systems.
- Mr. Sudarsan inquired about guidelines for evaluating projects and suggested implementing DevOps practices, using quality metrics in the rubrics for project evaluation, and utilizing source control tools like Git to track individual contributions. He also proposed setting up GitLab for the department to manage and monitor project builds, and mandating continuous integration and continuous delivery (CI/CD) as part of the assessment process.
- Dr. M. Vijayalakshmi suggested to utilize textbooks and reference materials that have been published within the last 5 years.

3. Curriculum and Syllabi for III to VIII semesters of UG programme under Regulations 2021 revised

Following are the suggestions given by BoS members regarding Curriculum and Syllabi under Regulations 2021 revised to the standing committee of the Academic Council for discussions:

- (i) The revised R2021 curriculum and syllabus was approved by the members.

4. Professional Electives under Regulations 2021

Resolved to approve that the following recommendation may be passed to the standing committee of the Academic Council that the choice based credit system based curriculum and syllabi for the B.Tech Artificial Intelligence and Data Science program under Regulation 2021 and Revised 2021 be passed with the following suggestions.

- Mr. S. Sudarsun and Dr. V. Bhuvaneshwari mentioned there is no textbook or reference book that covers optimization techniques in Mathematical Foundation for Data Science course.
- In the Pattern Recognition course Mr. S. Sudarsun and Dr. Ramalatha Marimuthu suggested to change the "Pattern Recognition and Machine Learning", Bishop, Christopher M as text book instead of reference book.
- Mr. S. Sudarsun pointed Speech Processing and Analytics syllabus old and recommended to use latest techniques.
- Dr. M. Vijayalakshmi suggested to incorporate Python packages in Unit 5 of the web mining course.

- In unit 5 of Exploratory Data Analysis and Visualization course, Mr. S. Sudarsun suggested to give open choice of programming language instead of restricting to the use of R programming.

5. Open Elective Courses under Regulations 2021

Following are the suggestions given by BoS members regarding Curriculum and Syllabi under Regulations 2021 to the standing committee of the Academic Council for discussions:

- (i) Members approved the open elective syllabus for the academic year 2023-2024

6. Syllabi of Fintech and Blockchain vertical of minor degree

- Mr. S. Sudarsun commented that the syllabi for Fintech and Blockchain courses tend to be more focused on finance and not given much importance to other technology aspects of Fintech.

7. Online Courses

Following are the suggestions given by BoS members regarding Curriculum and Syllabi under Regulations 2021 to the standing committee of the Academic Council for discussions:

- (i) All the online courses suggested in DCC meeting are approved.

8. Industrial training / Internship

Following are the suggestions given by BoS members regarding Curriculum and Syllabi under Regulations 2021 to the standing committee of the Academic Council for discussions:

- (i) The listed industries for industrial training / internship are approved.

9. Industry oriented courses

Following are the suggestions given by BoS members regarding Curriculum and Syllabi under Regulations 2021 to the standing committee of the Academic Council for discussions:

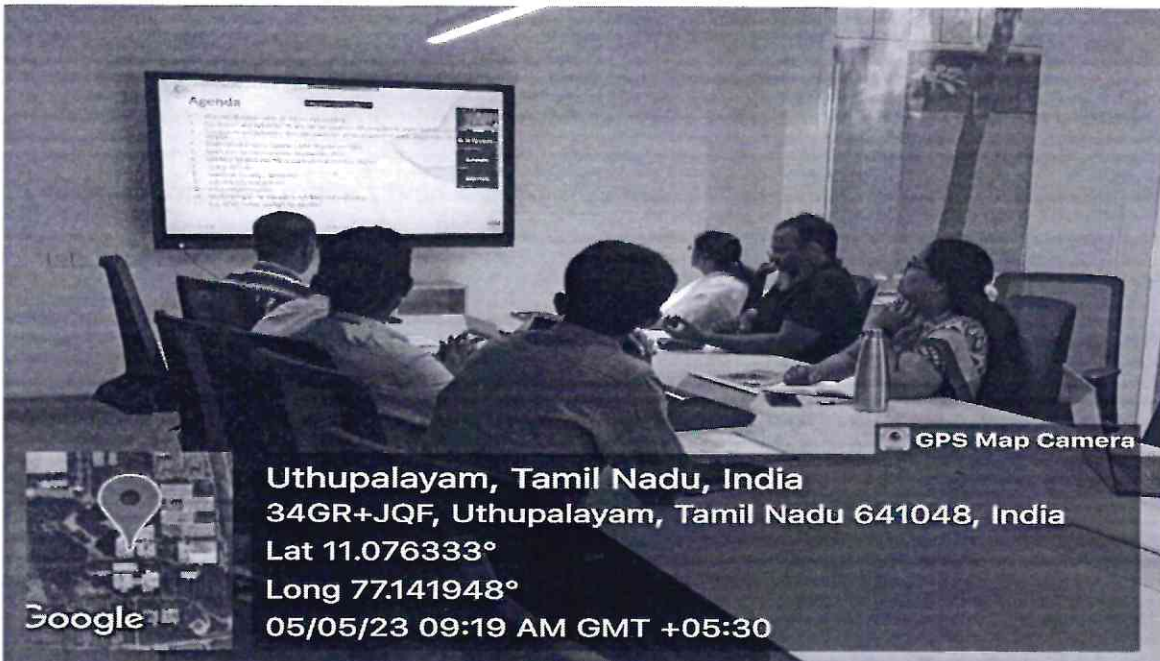
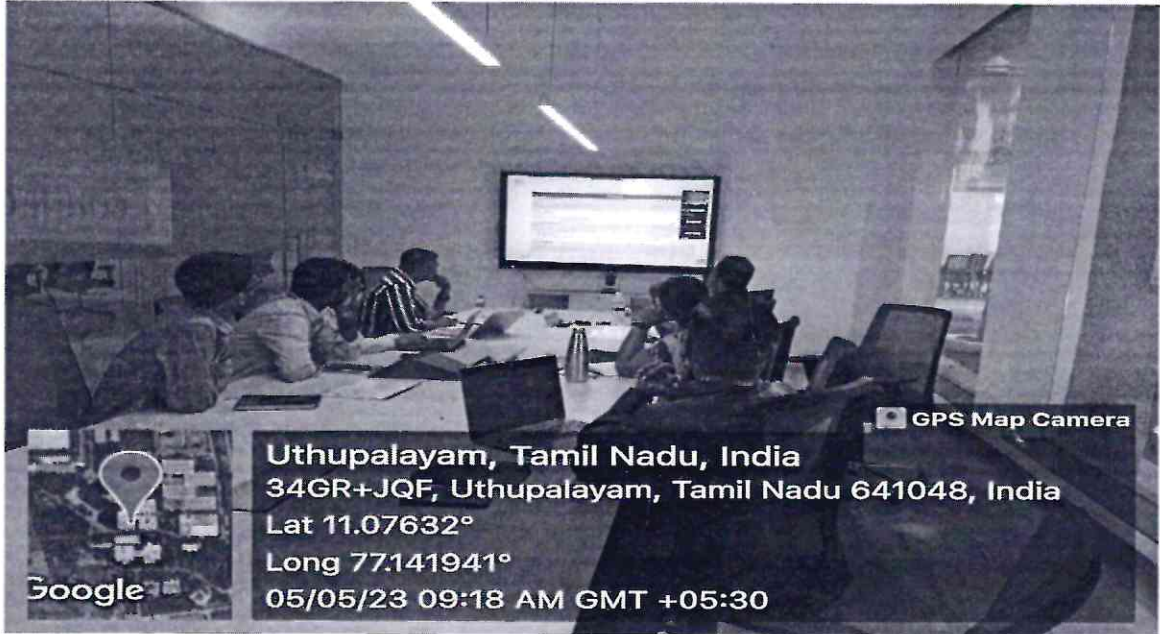
- (i) The industry one credit courses listed for offering II, III and IV year students are approved.

10. Methodologies for innovative teaching and evaluation

Following are the suggestions given by BoS members regarding Curriculum and Syllabi under Regulations 2021 to the standing committee of the Academic Council for discussions:

- (i) The gamification methodologies suggested by the department as an innovative teaching practice was approved.

11. Any other matter
Nil



Signature
5/5/23
CHAIRMAN-BOS/AD