Department of Computer Science and Engineering

KPR Institute of Engineering and Technology

KPRIET
Learn Beyond

8th Board of Studies Meeting

Venue: The Legend

Date: 22.11.2022

Meeting ID:
https://zoom.us/j/93676174880?pwd=ekpVR3J1WGFPe
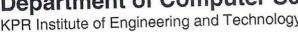VZZb0R5VUVFVVQ1UT09

Time: 9.30 AM

Agenda:

The following points were discussed in the 8th BoS meeting.

1. Discussion on the minutes of the previous BoS meeting and action taken
2. Amendments if any in the R2019 UG programme Curriculum and Syllabus
3. Curriculum and syllabi for IV to VIII semesters of UG programme under Regulations 2021
4. Professional Electives offered in different verticals under Regulations 2021
5. Open electives offered to other branches under Regulations 2021
6. MOOC / Online Courses
7. Industry-oriented courses (one credit courses)
8. Value added courses
9. Industrial Training / Internship
10. Any other matter brought by the Chair

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. M. Vijayalakshmi Professor Department of Computer Science and Engineering Thiyagarajar College of Engineering Madurai	University Nominee	ONLINE
2.	Dr. M. Brindha Associate Professor Department of Computer Science and Engineering National Institute of Technology Tiruchirappalli	Academic Expert	ONLINE

3.	Dr. Ramalatha Marimuthu Ombudsman, IEEE Computer Society Director, iExplore Foundation for Sustainability Development Koundampalayam Coimbatore	Subject Expert	_signature_ 22/11/22
4.	Mr. Sanjay Mishra Head Information Systems CIO L&T Construction Chennai.	Industry Expert	ONLINE
5.	Dr. R. Ganesan Professor and Dean School of Computer Science and Engineering Vellore Institute of Technology Chennai	Special Invitee	_signature_ 22/11/22
6.	Ms. Yamini Data Science Test Specialist Mindtree Pvt. Ltd. Bengaluru	Special Invitee	ONLINE
7.	Mr. Arun Pandiyan Rathinakumar Research Engineer QpiCloud Technologies Bangalore - 560045	Alumni	ONLINE
8.	Dr.N.Yuvaraj, Professor CSE, KPRIET	HoD/CSE	_signature_ 23/11/22
9.	Dr.S.Manoj Kumar Professor CSE, KPRIET	Faculty Member	_signature_
10.	Dr.K.Vishnukumar Professor CSE, KPRIET	Faculty Member	_signature_ 20/11/22
11.	Mr. P.Suresh, Associate Professor, CSE, KPRIET	Faculty Member	_signature_
12.	Mr.K. Kamaraj, Associate Professor, CSE, KPRIET	Faculty Member	_signature_
13.	Dr.Nisha soms Associate Professor, CSE, KPRIET	Faculty Member	_signature_ 23/11/22
14.	Dr.M.Saravanan, Associate Professor, CSE, KPRIET	Faculty Member	_signature_ 23/11/22
15.	Dr.N.Saranya Assistant Professor(Sl.G),CSE, KPRIET	Faculty Member	_signature_ 22/11/22
16.	Dr.P.N.Senthil Prakash Assistant Professor(Sl.G),CSE,	Faculty Member	_signature_

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17.	Dr.K.Vidhya Assistant Professor(Sl.G),CSE, KPRIET	Faculty Member	
18.	Mr.M.Mohan Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
19.	Mr. Nitin B Raut Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
20.	Ms.T.Primya Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
21.	Ms.B.Vishnupriya Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
22.	Mr.G.Selvakumar Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
23.	Mr.S.Raguvaran Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
24.	Ms. Geetha S K, Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
25.	Ms. Kiruthika J K, Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	
26.	Ms.M.Uma Rani Assistant Professor(Sr.G), CSE, KPRIET	Faculty Member	

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Minutes of the 8th Meeting of the Board of Studies:

The meeting started with the Chairman, of the Department of Computer Science and Engineering welcoming the members of the Board of Studies, the Principal, and the faculty members of Computer Science and Engineering Department, and the meeting followed with a presentation on Vision, Mission, POs, PEOs, PSOs, Curriculum and syllabus of R2019 and R2021 for approval. The chairman of BoS also deliberated the significance of R2021A with detailed syllabus.

Following points were discussed at the Board of Studies.

RESOLUTIONS:

1. **Action was taken on the minutes of the 8th BOS meeting:**
   The minutes of the 8th BoS meeting and the action taken there on are approved.

2. **The Curriculum and syllabi for VI to VIII Semesters of UG Programme under Regulations 2019.**
   HoD presented the amendment passed by TamilNadu Governement and explained about the "Naaliya Tiran"-Experimental project based learning initiative which should be included in R2019 as per Government of TamilNadu.
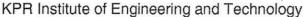
   Elective Courses-"Professional Readiness for Innovation ,Employability and Entrepreneurship" in VII semester to be included as per the amendment.

   As per the advice from the Industry Expert Mr. Sanjay Mishra "Digital Engineering" syllabus has been framed and the same has been approved by the committee.

3. **The Curriculum and syllabi for IV to VIII Semester of UG Programme under Regulations 2021 and I to VIII Semesters of UG Programme under Regulations 2021A**
   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.E Computer Science and Engineering program under Regulations 2021 be passed with the following suggestions.

   (i) Dr. R. Ganesan advised subjects in the verticals can be narrowed down instead of subjects in the verticals with the same name. He also suggested to include few more subjects in verticals and repeated subjects to be removed.

   (ii) Dr. M. Brindha insisted to include project component in "AI Fundamentals and Machine Learning Laboratory" course and also asked to increase the

subjects in each verticals which will be helpful for the students to select the professional elective of their choice.

(iii) Mr. Sanjay Mishra suggested a few subjects that can be included as professional elective like Devops, Quantum computing, Kubernetes.

(iv) Dr. M.Vijayalakshmi has verified the credit distribution chart as per the AICTE Norms. Also, she suggested to change the course outcomes to higher order thinking for U21ECG03-Tinker Clinic.

(v) Dr.Ramalatha Marimuthu appreciated about the inclusion of U21GEG01-Heritage of Tamils and U21GEG02-Tamils and Technology in the curriculum R 2021(A).she insisted that the English translation which will be helpful for International and other state students to know about Tamil and its cultures.

(vi) Ms.Yamini suggested that at the end of the course, the students can be segregated in groups and recent industrial problems can be assigned to each group in order to make them skillful in programming & problem solving.

(vii) Ms.Yamini suggested that factors like Objective, Methodology, Body of presentation, Areas in which the technology can be applied, Power Point template are to be documented for an effective conduct of Technical Seminar.

(viii) The Verticals offered by the department for Regulation 2021 and 2021A was reviewed and approved by the board.

4. **Open Electives offered to other branches**
Following are the suggestions given by BoS members regarding Open Electives offered by the department of CSE which shall be presented to the standing committee of the Academic Council for discussions:

Even Semester	Odd Semester
Cloud Computing Essential	Computational Thinking
Database Systems	User Interface Design
Programming in C and C++	Foundations of AR/VR
Block Chain Fundamentals	Foundations of Multimedia and Animations

5. Online Courses

Online Courses to the standing committee of the Academic Council for discussions:

    (i)   Edutech Partners L&T EduTech, Coursera, NASSCOM courses are presented by Chairman, BoS and got approved by BoS members.

    (ii)   Dr.Ramalatha Marimuthu recommended the students to takeup atleast one course per semester.

6. Industrial Training / Internship

Following are the suggestions given by BoS members regarding Industrial Training / Internship which shall be presented to the standing committee of the Academic Council for discussion:

    (i)   The duration of the internship has been discussed.

    (ii)   Submission of projects and reports should meet the solution for the Industry's problems.

7. Industry Oriented Courses (One Credit Courses)

One Credit Courses to the standing committee of the Academic Council for discussions:

    (i)   Based on each vertical one-credit course will be offered to the students.

8. Value Added Courses:

Board Recommended the following Value Added Courses to the standing committee of the Academic Council for discussions:

    (i)   Dr.Ramalatha Marimuthu suggested including courses like Ethics, Moral Responsibilities.

9. Methodologies for innovative teaching and evaluation

Following recommendations passed to the standing committee of the Academic Council:

    (i)   To meet SDG the innovative course has been framed under curriculum 21 which is offered to the students as one credit course like Tinker clinic, Designer clinic, Proto clinic, and Product.

    (ii)   The projects suggested may also be an Interdisciplinary project.

10. Autonomous evaluation

Following are the suggestions given by BoS members regarding Panel of examiners for autonomous-related activities:

(i)   The assessment pattern for all the components like Theory, Theory with Laboratory, Laboratory component, and project with Laboratory component has been discussed.

General :

> Alumini Mr. Arun pandian expressed a few courses like Database design and system design .
> Recommended industry experts and alumni for the project component evaluation.
> Dr. M. Brindha suggested including few courses related to Research Publications and Patents as Professional elective courses.

Board of Studies members recommended to incorporate all the above suggestions and present the same in the Academic Council for further approval.

Dr.N.Yuvaraj, HOD/CSE concluded the meeting by thanking all the Board of Studies members for their valuable suggestions and recommendations.

Prepared by

Dr.K.Vishnu Kumar

Ms.T.Primya

Chairman – BoS/CSE

23/4/22