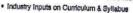


DEPARTMENT OF CSE

3rd BOARD OF STUDIES MEETING

05.12.2020

AGENDA
 Review of the minutes of the 2nd BOS meeting



- Curriculum and Teaching Learning Best Practices
- Multidisciplinary Approach
- Curriculum and syllabi for UG Programme under Regulations 2019
- Open Electives
- Online Courses
- · Entrepreneurahip Track Courses
- · Industrial Training and Internship
- Industry Oriented Courses (One Credit Courses)
- Value Added Courses
- Curriculum and syllabi for PG Programme under Regulations 2019
- Special Electives for Ph.D Course work
- Any other points.

WELCOME				
Ms. Hems Sopei, Global Heed IBM Centre of Excellence at TCS Vice President-TCS, Chennal.	UNIVERSITY HOMENEE			
Dr. Kornondoor V Raghavan Associate Professor, Oppertment of CSE and Astomation, IISC, Bengalore.	ACADEMIC EXPERT			
Dr.Seelksia,R HOD, Department of Computational Intelligence, VIT, Vellore.	ACADEMIC EXPERT			
Mr. Siveremekrishmen Senthatty, Vice President, Vertical Delinery Unit Heed & Initiatives and Business Committing, HCL Technologies, Infrastructure Deliaten Chennal.	INDUSTRIAL EXPERT			
Mr.V.Senthill Kumar, Al Inservation Head-Hitsch CTO Engineering Team, TCS, Colembeture	INDUSTRIAL EXPERT			

VISION OF THE INSTITUTION



To become a premier institute of academic excellence by imparting technical, intellectual, and professional skills to students for meeting the diverse needs of the industry, society, the nation and the world at large.

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Mr.Peleniasmy.M	
Data Scientist I,	INDUSTRY EXPERT
Honeywell Technologies, Bengelore	
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Mr.Dinash Kumar S.K.	
Project Land,	INDUSTRY EXPERT
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Mr.P.Aswin Ream,	
influers Engineer,(ES(H&I),	Allinosis
lessaware Technologies Ltd, Channel	-

MISSION OF THE INSTITUTION



- Commitment to offer value based education and enhancement of practical skills.
- · Continuous assessment of teaching and learning process through scholarly
- · Enriching research and innovative activities in collaboration with industry and institute of repute.
- Ensuring the academic process to uphold culture, ethics and social responsibility.

VISION OF THE DEPARTMENT



To foster the students by providing learner centric teaching environment, continuous learning, research and development to become thriving professionals and entrepreneurs to excel in the field of computer science and contribute to the society.

XXX leadant of Employed and September Community

PROGRAM SPECIFIC OUTCOMES (PSOs)



PSO1: An ability to identify and analyze data management system like data acquisition, big data so as to facilitate the students in solving problems using the techniques of data analytics.

PSO2: An ability to apply design and development principles of hardware and software in emerging technology environments like cloud computing and cyber forensics.

NEW SCHOOL OF SECURITY AND SOUTH STATES

MISSION OF THE DEPARTMENT



- Providing value based education and contented learning experience to the students.
- Educating the students with the state of art technologies and cultivating their proficiency in analytical and designing skills.
- Enabling the students to achieve a successful career in Computer Science and Engineering or related fields to meet the changing needs of various stakeholders.
- Guiding the students in research by nurturing their interest in continuous learning towards serving the society and the country.

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REVIEW ON 2nd BOS MEETING SIL 1972 MAME OF THE ENGINEERING SUDDESTIONS GIVEN SUDDESTIONS SU

PROGRAM EDUCATIONAL OBJECTIVE (PEOs)



- PEO1 : Obtain knowledge in cutting edge technologies in the field of computer science, necessary to solve real time problems through value based education.
- PEO2: Possess skills for team building, leadership quality and ethical values necessary to function productively and professionally.
- PEG3 : Develop innovative ideas to establish themselves as professionals and entrepreneurs in computing industry.
- PEO4: Continue to learn new technologies through higher studies and research.

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Department of Computer Science and Engineering KPR Institute of Engineering and Technology

MINUTES OF MEETING OF THIRD BOARD OF STUDIES

Meeting Date:	05.12.2020
Meeting Time:	10.00 AM to 1.00 AM
	AND CONTROL DE ANTONIO
Meeting Location:	Online(Google Meet), KPR Institute of Engineering and Technology, Arasur,
oard of Studies Lembers Present:	 Dr.P.Thangaraj, Chairman BOS, Prof & Head, CSE, KPRIET Ms.Hema Gopal, Vice – President, (Global Head IBM Centre of Excellence at Tata Consultancy Services, Vice President at Tata Consultancy Services Dr. Komondoor V. Raghavan, Associate Professor, IISC, Bangalore. Dr. Sasikala, R.HOD, Department of Computational Intelligence, VIT, Vellore. Mr. Sivaramakrishnan Senthatty, Vice President, Vertical Delivery Unit Head & Initiatives and Business Consulting, HCL Technologies, Infrastructure Division Chennai. Mr. V. Senthil Kumar, AI Innovation Head-Hitech CTO, Engineering Team, TCS, Coimbatore. Mr. Palanisamy, M.Data Scientist I, Honeywell Technologies, Bangalore Mr. Hariprakash Govindarajalu, Co-Founder and CTO, Software Research & Development, Kumbakonam, Tamilnadu Mr.P. Aswin Raam, Software Engineer, (ES(H&I), Hexaware Technologies Ltd, Chennai. Dr. A. Balamurugan, Professor, Dept of CSE, KPRIET Dr. D. Surendran, Dept of CSE, KPRIET Dr. B. Gomathy, Dept of CSE, KPRIET Dr. Wignesh V, Associate Professor (SI.G), KPRIET Dr. M.Siva Sangari, Assistant Professor (SI.G), KPRIET Dr. A.Devipriya, Assistant Professor (SI.G), KPRIET Mr. R. Sivaramakrishanan, Assistant Professor (Sr.G), KPRIET Mr. R. Sivaramakrishanan, Assistant Professor (Sr.G), KPRIET Mr. R. Sivaramakrishanan, Assistant Professor (Sr.G), KPRIET Mr. K. Kamaraj, Assistant Professor (Sr.G), KPRIET Mr. S. Salomi M, Assistant Professor (Sr.G), KPRIET Mr. S. Kharthikeyan, Assistant Professor, KPRIET Mr. NaveenKumar M, Assistant Professor, KPRIET Mr. M. Premkumar, Assistant Professor, KPRIET Mr. M. Premkumar, Assistant Professor, KPRIET Mr. M. Premkumar, Assistant Professor, KPRIET Ms. Nandhinin, Assistant Professor, KPRIET

Department of Computer Science and Engineering

KPR Institute of Engineering and Technology

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Special Invitees:	 Dr. M.Akila, Principal, KPRIET. Dr. A. M. Natarajan, Chief Executive, KPRIET. Mr.S. Aravind Iyer IV CSE A Mr. N. Sujith IV CSE C Ms.V.Archana IV CSE A Ms.B.Kowsika IV CSE B 	

- > Third Board of Studies Meeting started with a welcome address and presentation by Dr.P.Thangaraj, Professor & Head, Department of Computer Science & Engineering, KPRIET.
- > HoD presented the curriculum and the syllabus of Regulations-2019 UG program from Fourth to Eighth Semester along with Professional and Open electives for the Department of Computer Science & Engineering to the members of Board of members.

Discussion Held and Decision Taken:

SEMESTER-IV

- > Dr.R.Sasikala suggested that NOSQL database can be included as a separate elective. One credit NOSQL database can be offered as a lab course.
- > Dr.R.Sasikala suggested that practical examples can be included in the DBMS lab.
- > Dr.R.Sasikala and Mr.V.Senthil kumar suggested that applications and case studies to be included at the end of all units in all courses.
- > Mr.V.Senthil Kumar suggested that operating system virtualization-Docker and LXC may be included in operating system course.

SEMESTER - V

- > Mr.V.Senthil Kumar and Dr.R.Sasikla suggested that AI and ML can be offered as a separate course for better understanding of all the concepts.
- > Dr. Komondoor V. Raghavan suggested that Web Technology syllabus can be reframed as per industry standards (Client side scripting, Server side scripting), the concepts can be replaced with latest technology like Thymeleaf, Spring Boot, PHP, etc.
- > Dr. Komondoor V. Raghavan suggested that in web Technology lab, 1 to 3 experiments to be removed and 7 to 10 - Applets based experiments can be replaced with latest technologies like CSS, Spring Boot, etc.
- Dr.R.Sasikala and Mr.M.Palanisamy suggested that Error and Flow control, ARP, RARP, Packet raiser, HTTPS, REST techniques can be included in Computer Networks syllabus.

Department of Computer Science and Engineering

KPR Institute of Engineering and Technology



- ➤ Mr.V.Senthil Kumar suggested that Python packages like R, NUMPY, TensorFlow implementation can be included as lab exercise instead of implementing more algorithms in machine learning lab course.
- Ms.Hemagopal recommended that half of the lab experiments can be converted as mini project. Also, industry case studies can be included as small unit in Machine Learning course syllabus.

SEMESTER - VI

- Dr. Komondoor V. Raghavan suggested that LLVM optimization tool can be included in compiler design course – Unit V.
- Mr.M.Palanisamy recommended that Compiler Design course can be offered immediately after the semester in which they completed TOC course.
- Mr.V.Senthil Kumar suggested that IBM cloud can be utilized by the students to analyze assets, private and public cloud.
- ➤ Mr.V.Senthil Kumar suggested that Concepts like Docker, Kubernetes, Apache, Spark can be included in Distributed and cloud computing syllabus.
- ➤ Mr.V.Senthil Kumar suggested that Docker can be offered as a one credit course. Also, security concepts to be focused in Unit-V.

SEMESTER - VII

- ➤ Dr. Komondoor V. Raghavan suggested that Software project management syllabus is purely theoretical and it can be modified by including the concepts like Agile, Devops, Microservices, GIT, Junit and integration tools.
- Mr.M.Palanisamy suggested a book titled "Software engineering", KK. Agarwal, third edition, 2007 for referring real-time problems related to software project management.

Professional Elective

- > Members appreciated stream based electives and GATE electives.
- Mr.Sivaramakrishnan Senthatty suggested that Edge and FOG computing syllabus can be divided into two different courses as FOG computing and Edge computing.
- ➤ Mr.Sivaramakrishnan Senthatty suggested that Social Network Analysis can be moved from Networks to Data science stream. Virtualization techniques course can be moved from Data Science to Networks stream.

PG Program

- > Reviewed the curriculum and syllabus of PG program.
- > Dr.R.Sasikla suggested to change the course name computer vision to machine vision.

Department of Computer Science and Engineering

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Other Matters

- > Ms.Hema Gopal recommended that value added courses can be included which should support students' employability.
- Ms.Hema Gopal suggested Virtual labs can be offered along with physical labs.
- Ms.Hema Gopal suggested Tableau courses to be introduced and faculty members can attend FDP in IIT through online courses for their knowledge enhancement.
- > Mr.V.Senthil Kumar suggested that variety programing languages can be offered as an elective.
- > Mr.V.Senthil Kumar suggested that Kali Linux can be included as one credit course.

Ms. M. Salomi Dr.A.DeviPriya

Approved by Dr P. Thangaraj Chairman BOS