KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

No. KITS/EIED/URR-18/BoS/MoM/2021   Date: 24-05-2021

Minutes of Virtual BoS - EIE Meeting

Date: 23.05.2021
Time: 10:30AM

Agenda:

1. Approval of Syllabi of courses for B. Tech. (EIE) - VII & VIII Semesters under URR-18.
2. Approval of Syllabi of service course offered by Dept. of EIE to B. Tech. (ECI) programme under URR-18.
3. Any other item with the permission of chair

Members Present:

Virtual BoS meeting of B.Tech. (EIE) programme was conducted on 23.05.2021, from 10:30 am to 1:00 pm through GOOGLE MEET online meeting tool and the following members are present in the meeting.

S. No.	Name of the Member	Designation	Position in BoS
1.	Dr. M. Raghu Ram	Assoc. Prof. & HoD-EIE, KITSW	Chairperson, BoS
2.	Prof. M. Sreelatha	Senior Professor, Dept. of EIE, KITSW	Member
3.	Dr. K. Sivani	Prof., Dept. of EIE, KITSW	Member
4	Dr. K. Venu Madhav	Prof., Dept. of EIE, KITSW	Member
5.	Smt. R. Nirmala Devi	Assoc. Prof., Dept. of EIE, KITSW	Member
6.	Dr. P. Laxminarayana	Director, NERTU, Osmania University (OU), Hyderabad	External Member (from renowned Academic Institute)
7.	Dr. T. Kishore Kumar	Professor, Dept. of ECE, NIT, Warangal	External Member (from renowned Academic Institute)
8.	Dr. K. Bikshalu	Asst. Prof., Dept. of ECE, University College of Engineering, Kothagudem Kakatiya University (KU), Warangal	External Member (University Nominee)
9.	Sri T. Srinivas	CEO, Sumith Electronics Pvt. Ltd., Hyderabad	External Member (from Industry)
10.	Dr. Y. Jagan Mohan Reddy	Senior Engineering Manager, Honeywell Technology Solutions Labs Pvt. Ltd. Hyderabad	External Member (from Industry)
11.	Sri R. Dileep	Sr. ASIC Design Engineer, SYNOPSIS Inc. Pvt. Ltd., Hyderabad	External Member (from Industry)
12.	Sri R. Divyanand	Senior Engineer Qualcomm Technology Inc., Hyderabad	External Member (Post Graduate Meritorious Alumnus –Academia/Industry)
13.	Sri O. Anjaneyulu	Assoc. Prof., Dept. of EIE, KITSW	Co-Opted Member-1
14.	Sri B. Shashikanth	Asst. Prof., Dept. of EIE, KITSW	Co-Opted Member-2
15.	Sri B. Jeevan	Asst. Prof., Dept. of EIE, KITSW	Co-Opted Member-3

Resolutions:

1. Dr. M. Raghu Ram, *HoD-EIE & Chairperson BoS-EIE* welcomed all the external members of BoS-EIE to the virtual meeting and then introduced all internal members. Also, conveyed greetings to all External BoS members on behalf of Principal sir.

2. Chairperson, BoS-EIE briefed the Agenda points to be taken up as part of BoS meeting.

3. All the external BoS members have actively participated in the meeting and offered their valuable suggestions for

   (i)   *Scheme of Instruction & Evaluation for B. Tech. (EIE) – VII & VIII Semesters under URR-18*
   (ii) *Syllabi of courses for B. Tech. (EIE) - VII & VIII Semesters*
   (iii) *Syllabi of service course offered by Dept. of EIE to B. Tech. (ECI) programme*

4. As per External BoS members' suggestions, the modifications are made to the scheme & syllabi and the details are given below:

   (i) *Suggestions & Modifications incorporated in Scheme of Instruction & Evaluation for B. Tech. (EIE) - VIII Semester:*

S. No.	Course Code	Course Name	Suggestions made by the BoS members	Remarks
1.	U18EI801B	Robotics & Automation	Course title to be changed as "Robotics"	Incorporated
2.	U18EI802A	PC Based Instrumentation	Course title to be changed as "Industrial Automation"	Incorporated
3.	U18EI802B	Wireless & Mobile Communications	Course title to be changed as "Cellular & Mobile Communications"	Incorporated

   (ii) *Suggestions & Modifications incorporated in Syllabi of courses for B. Tech. (EIE) - VII & VIII Semesters:*

S. No.	Course Code	Course Name	Suggestions made by the BoS members	Remarks
VII SEMESTER:				
1.	Professional Elective - III / MOOC-III: **U18EI702A**	Internet of Things	(i) To reframe the course contents of UNITs I, II, III & IV to UNITs I, II & III (ii) To add IoT Applications/ Case studies in UNIT IV	Incorporated
2.	Professional Elective - III / MOOC-III: **U18EI702B**	Advanced DSP	(i) To reframe the course contents of UNITs I, II, III & IV to UNITs I, II & III (ii) To add Component Analysis/ Higher order DSP topics in UNIT IV	Incorporated
3.	Professional Elective - IV/ MOOC-IV: **U18EI703A**	Digital Image Processing	Syllabus unanimously approved as presented	-
4.	Professional Elective - IV / MOOC-IV: **U18EI703B**	Artificial Intelligence & Machine Learning	(i) To reframe the course contents of UNITs I, II, III & IV to UNITs I, II & III (ii) To add AI & ML Applications/ Case studies in UNIT IV	Incorporated

S. No.	Course Code	Course Name	Suggestions made by the BoS members	Remarks
5.	U18EI704	Biomedical Instrumentation	Syllabus unanimously approved as presented	-
6.	U18EI705	Internet of Things Laboratory	To add Experiments on (i) IoT based Energy meter (ii) IoT based Water meter	Incorporated
7.	U18EI706	Biomedical Instrumentation Laboratory	Syllabus unanimously approved as presented	-
VIII SEMESTER:				
8.	Professional Elective - V/ MOOC-V: **U18EI801A**	Fiber Optic Sensors & Laser Instrumentation	Syllabus unanimously approved as presented	-
9.	Professional Elective - V/ MOOC-V: **U18EI801B**	Robotics & Automation	(i) Course title to be changed as "Robotics" (ii) Second part of Syllabus of UNIT IV can be kept in UNIT I by reducing the course content	Incorporated
10.	Professional Elective - V/ MOOC-V: **U18EI801C**	Biomedical Signal Processing	Syllabus unanimously approved as presented	-
11.	Professional Elective - VI/ MOOC-VI: **U18EI802A**	PC Based Instrumentation	(i) Course title to be changed as "Industrial Automation" (ii) UNIT I syllabus can be removed and additional topics on of "PLC, DCS & SCADA" can be placed in UNIT IV, keeping in view of industrial requirements	Incorporated
12.	Professional Elective - VI/ MOOC-VI: **U18EI802B**	Wireless and Mobile Communications	(i) Course title to be changed as "Cellular and Mobile Communications" (ii) Syllabus unanimously approved as presented	Incorporated

(iii) Suggestions & Modifications incorporated in Syllabus of service course offered by Dept. of EIE to B. Tech. (ECI) programme:

S. No.	Course Code	Course Name	Suggestions made by the BoS members	Remarks
1.	Professional Elective - II/ MOOC-II: **U18CI603C**	Biomedical Instrumentation	Syllabus unanimously approved as presented	-

5. Other suggestions by External BoS members:

S. No.	Suggestions made by the external BoS members	Remarks
1.	*By Prof. P. Laxminarayana, Director, NERTU-OU:* (i) Students shall be encouraged to take IoT projects on "class room attendance monitoring" and on any other requirements of college activities	Course faculty will be guided in this direction
2.	*By Prof. T. Kishore Kumar, Prof. of ECE & Former HoD-ECED, NITW:* (i) More applications are to be focused by course faculty in the area of IoT and AI & ML (ii) Students shall not be burdened with Assignments on Course patents & Course research papers and Course projects in addition to the regular course content	Course faculty will be guided in this direction This point will be discussed with the Principal
3.	*By Dr. K. Bikshalu, ECED, UCE, KU:* (i) Students shall not be burdened with more topics in course content	This point is taken care while preparing course content by Course content preparation committees (CCPCs)
4.	*By Sri T. Srinivas, CEO, Sumith Electronics:* (i) More applications are to be focused by course faculty in the area of IoT and AI & ML	Course faculty will be guided in this direction
5.	*By Dr. Y. Jagan Mohan Reddy, Sr. Engg. Manager, Honeywell:* (i) More applications are to be focused by course faculty in the area of IoT, AI & ML and Industrial Automation	Course faculty will be guided in this direction

Finally, *HoD-EIE & Chairperson BoS-EIE* thanked all the External BoS members for attending the BoS meeting out of their hectic schedules and for giving their valuable suggestions.

Also, thanked Principal & Dean AA for the guidance given in framing the structure of course content and specially thanked Course content preparation committees (CCPCs) of EIE Department for drafting the syllabi of courses as per BoS approved scheme under URR 18.

The meeting was ended at 1:00pm.

Regards:

Dr. M. Raghu Ram

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