	<b>KUMARAGURU COLLEGE OF TECHNOLOGY</b> DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING <b>19<sup>th</sup> Board of Studies Meeting</b>	<b>Ref No. KCT/ECE/BOS19/2021-22/01</b>
		<b>Prepared by: Dr.B.Gopinath, ASP</b> <b>Issued by: Dr.S.A.Pasupathy, HOD</b> <b>Issue Date: 15 December 2021</b>
	<b>MINUTES OF MEETING</b>	<b>Page Number: 1 of 6</b>

Date:	<b>13 December 2021</b>	Time:	<b>02.30 PM to 04.00 PM</b>	Online	<b>MS-TEAMS</b>
-------	-------------------------	-------	-----------------------------	--------	-----------------






### Participants of the meeting


#### External Panel Members

1. Dr. C. Vasanthanayaki (Anna University Nominee) – Professor and Head, Electronics and Communication Engineering, Government College of Engineering, Salem.
2. Dr. M. S. Sudhakar (Subject Expert) – Associate Professor, Electronics Engineering, VIT-Vellore.
3. Mr. S. Chella Kumar (Industry Expert) – Infinera India Pvt. Ltd., Bengaluru.
4. Mr. A. Chandramouli (Alumni Member) – Research Scientist, SAMEER, Chennai.






#### Internal Panel Members


1. Dr. S. A. Pasupathy (BoS Chairperson) - Professor and Head, ECE, KCT
2. Dr. K. Kavitha (Programme Coordinator) - Professor, ECE, KCT
3. Dr. M. Bharathi (BoS Coordinator-PG) - Professor, ECE, KCT
4. Dr. B. Gopinath (BoS Coordinator-UG) - Associate Professor, ECE, KCT
5. Dr. V. Vanitha (Member from allied department) - Professor, IT, KCT
6. Dr. Rani Thottungal - Professor, ECE, KCT
7. Dr. A. Amsaveni - Professor, ECE, KCT
8. Dr. M. Shanthi- Associate Professor, ECE, KCT
9. Dr. S. Umamaheswari- Associate Professor, ECE, KCT
10. Dr. S. Sasikala- Associate Professor, ECE, KCT
11. Dr. M. Alagumeenaakshi- Associate Professor, ECE, KCT
12. Dr. S.N. Shivappriya- Associate Professor, ECE, KCT
13. Dr. K. Thilagavathi- Assistant Professor, ECE, KCT
14. Ms. S. Nagarathinam- Assistant Professor, ECE, KCT

				
Dr.S.A.Pasupathy (BoS Chairperson)	Dr.C.Vasanthanayaki (Anna University Nominee)	Dr.M.S.Sudhakar (Subject Expert)	Mr.S.Chella Kumar (Industry Expert)	Mr.A.Chandramouli (Alumni Member)

	<b>KUMARAGURU COLLEGE OF TECHNOLOGY</b> DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING <b>19<sup>th</sup> Board of Studies Meeting</b>	<b>Ref No. KCT/ECE/BOS19/2021-22/01</b>
		<b>Prepared by: Dr.B.Gopinath, ASP</b> <b>Issued by: Dr.S.A.Pasupathy, HOD</b> <b>Issue Date: 15 December 2021</b>
	<b>MINUTES OF MEETING</b>	<b>Page Number: 2 of 6</b>

15. Mr. R. Darwin- Assistant Professor, ECE, KCT
16. Mr. R. Karthikeyan- Assistant Professor, ECE, KCT
17. Ms. R. Dhivya Praba- Assistant Professor, ECE, KCT
18. Ms. A. Kalaiselvi- Assistant Professor, ECE, KCT
19. Ms. K. Jasmine- Assistant Professor, ECE, KCT
20. Ms. V. Uma Maheswari- Assistant Professor, ECE, KCT
21. Ms. K. Anusha- Assistant Professor, ECE, KCT
22. Mr. S. Karthik- Assistant Professor, ECE, KCT
23. Mr. R. Karthi Kumar- Assistant Professor, ECE, KCT
24. Mr. D. Allin Joe- Assistant Professor, ECE, KCT
25. Mr. R. Navaneetha krishnan- Assistant Professor, ECE, KCT
26. Ms. K. Karthika- Assistant Professor, ECE, KCT
27. Mr. S. David- Assistant Professor, ECE, KCT
28. Ms. T. Jaspar Vinitha Sundari- Assistant Professor, ECE, KCT
29. Mr. S. Arun Kumar- Assistant Professor, ECE, KCT
30. Mr. Timothy Dhayakar Paul- Assistant Professor, ECE, KCT
31. Mr. V.P. Ajay- Assistant Professor, ECE, KCT
32. Ms. S. Tamilelakkia- Assistant Professor, ECE, KCT
33. Mr. S. Boopathy- Assistant Professor, ECE, KCT
34. Ms. V. P. Sakthipriyanka (Student member from DA) - DA President, ECE, KCT
35. Mr. A. Adarsh (Student member from F40) - Final Year Student, ECE, KCT

				
Dr.S.A.Pasupathy (BoS Chairperson)	Dr.C.Vasanthanayaki (Anna University Nominee)	Dr.M.S.Sudhakar (Subject Expert)	Mr.S.Chella Kumar (Industry Expert)	Mr.A.Chandramouli (Alumni Member)

	<b>KUMARAGURU COLLEGE OF TECHNOLOGY</b> DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING <b>19<sup>th</sup> Board of Studies Meeting</b>	<b>Ref No. KCT/ECE/BOS19/2021-22/01</b>
		<b>Prepared by: Dr.B.Gopinath, ASP</b> <b>Issued by: Dr.S.A.Pasupathy, HOD</b> <b>Issue Date: 15 December 2021</b>
	<b>MINUTES OF MEETING</b>	<b>Page Number: 3 of 6</b>

### Agenda:

1. Action Taken Report on Previous BoS Meeting
2. Stakeholders' feedback and the changes recommended on PEO/PSO
3. Targets for CO / PO for Academic Year 2021-22
4. Approval of Panel of Examiners for AY 2021-22
5. Introduction of Minor Specialization
6. Members inputs for Implementing NEP 2020
7. Suggestions for new curriculum & syllabi for R2022
8. Members inputs towards upgradation of infrastructure / teaching aids to aid content delivery
9. Best Practices followed in Member's Institutions
10. Any other matters

### MINUTES OF MEETING & ACTION POINTS

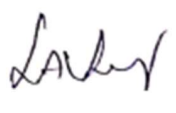




**Codes: A: Action**


**C: Comment**

**D: Decision**

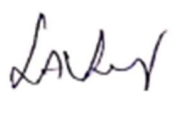




**R: Recommendation**


S.No	CODE	DESCRIPTION & DISCUSSION POINTS
1.	A	<b>Action Taken Report on Previous BoS Meeting</b> <ul style="list-style-type: none"> <li>• Dr.S.A.Pasupathy, HoD-ECE, delivered the welcome address.</li> <li>• He presented the previous 18<sup>th</sup> BoS meeting Action Taken Report and all the suggestions given by the BoS members were incorporated in undergraduate R18 Syllabus.</li> <li>• Vision, mission, PO, PEO and PSO of the UG/PG programmes were shared with the panel members.</li> <li>• The significant developments related to elective course "U18ECE0056 – Multicore Architecture and Programming for Embedded Systems" and proposal for the new industry based elective courses were summarized by Dr.B.Gopinath, Associate Professor-ECE.</li> </ul>

				
Dr.S.A.Pasupathy (BoS Chairperson)	Dr.C.Vasanthanayaki (Anna University Nominee)	Dr.M.S.Sudhakar (Subject Expert)	Mr.S.Chella Kumar (Industry Expert)	Mr.A.Chandramouli (Alumni Member)

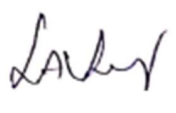




	<b>KUMARAGURU COLLEGE OF TECHNOLOGY</b> DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING <b>19<sup>th</sup> Board of Studies Meeting</b>	<b>Ref No. KCT/ECE/BOS19/2021-22/01</b> <b>Prepared by: Dr.B.Gopinath, ASP</b> <b>Issued by: Dr.S.A.Pasupathy, HOD</b> <b>Issue Date: 15 December 2021</b>
	<b>MINUTES OF MEETING</b>	<b>Page Number: 4 of 6</b>


2.	R, C	<b>Stakeholders' feedback and the changes recommended on PEO/PSO</b> <ul style="list-style-type: none"> <li>Stakeholders' feedback and recommendations were collected on PEO/PSO of UG/PG programmes and it was decided to revise the PEO/PSO under the new regulations R2022.</li> </ul>
3.	R, C	<b>Targets for CO / PO for Academic Year 2021-22</b> <ul style="list-style-type: none"> <li>Dr.K.Kavitha, Professor-ECE presented the end semester examination results and CO-PO attainments as the outcomes of Programme Assessment Committee (PAC) and Department Advisory Board (DAB) meetings.</li> <li>CO / PO attainments were achieved for all the 2020-2021 (EVEN) semester courses</li> <li>CO / PO targets for the 2021-2022 academic year were fixed as 70% for analytical courses and 80% for theory courses.</li> <li>The feedbacks obtained on Curriculum and Syllabus of R18-UG/PG from faculty members, students and alumni members were also discussed. It was concluded that no major revisions were required in Curriculum and Syllabus of R18-UG/PG.</li> <li>Based on the feedback, bridge courses are going to be conducted for 2021-2022 batch PG students.</li> </ul>
4.	R	<b>Approval of Panel of Examiners for AY 2021-22</b> <ul style="list-style-type: none"> <li>Dr.S.Sasikala, Associate Professor-ECE presented a list of panel of external examiners for the end semester question paper setting and project viva-voce. It was approved in the BoS meeting for the academic year 2021-2022.</li> <li>Dr.C.Vasanthanayaki, Anna University Nominee suggested to involve find the Industry experts in the assessment processes.</li> </ul>
5.	D	<b>Introduction of Minor Specialization</b> <ul style="list-style-type: none"> <li>Dr.S.A.Pasupathy introduced the implementation of Minor Specialization courses by CSE, MCE &amp; SFS departments for the ECE department students.</li> <li>He also explained the plan for introducing Minor Specialization/Honors courses in Human Machine Interface (HMI) domain during the forthcoming semesters.</li> </ul>

				
Dr.S.A.Pasupathy (BoS Chairperson)	Dr.C.Vasanthanayaki (Anna University Nominee)	Dr.M.S.Sudhakar (Subject Expert)	Mr.S.Chella Kumar (Industry Expert)	Mr.A.Chandramouli (Alumni Member)






	<b>KUMARAGURU COLLEGE OF TECHNOLOGY</b> DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING <b>19<sup>th</sup> Board of Studies Meeting</b>	<b>Ref No. KCT/ECE/BOS19/2021-22/01</b>
		<b>Prepared by: Dr.B.Gopinath, ASP</b> <b>Issued by: Dr.S.A.Pasupathy, HOD</b> <b>Issue Date: 15 December 2021</b>
	<b>MINUTES OF MEETING</b>	<b>Page Number: 5 of 6</b>

6.	R	<b>Members inputs for Implementing NEP 2020</b> <ul style="list-style-type: none"> <li>Dr.S.A.Pasupathy initiated the discussion on implementing NEP 2020 in higher education institutions.</li> <li>Dr.C.Vasanthanayaki expressed that there were no information received from the Anna University and Higher Education Department so far related to NEP 2020. She assured to convey the information related to NEP 2020 then and there.</li> </ul>
7.	R	<b>Suggestions for new curriculum &amp; syllabi for R2022</b> <ul style="list-style-type: none"> <li>The existing modules of R18 regulation were presented and the possible domains to be included for the new curriculum and syllabi under Regulations 2022 were discussed.</li> <li>Dr.C.Vasanthanayaki suggested that Nano Technology courses may be included as elective or core courses in VLSI domain to cover nanoelectronics concepts.</li> <li>Dr.M.S.Sudhakar, Subject Expert suggested to introduce specific courses on Sensors and Wearable Technology in the new curriculum.</li> <li>Mr.S.Chellakumar suggested to give more attention on VLSI Technology, as the government encourages semiconductor manufacturing to a higher level in India which will create more employment in the near future.</li> <li>Dr.V.Vanitha suggested that the courses related to the domains Cloud, Computer Vision and Reinforcement Learning could be added in the new curriculum to train students for IT sector.</li> <li>Ms.V.P.Sakthipriyanka, President-DA requested to offer Advanced Communication Systems as minor specialization.</li> <li>Mr.A.Adarsh, Final Year Student, ECE requested practical courses in Machine Learning and Digital Image Processing to be added in the new curriculum which was supported by Mr.S.Chellakumar.</li> </ul>

				
Dr.S.A.Pasupathy (BoS Chairperson)	Dr.C.Vasanthanayaki (Anna University Nominee)	Dr.M.S.Sudhakar (Subject Expert)	Mr.S.Chella Kumar (Industry Expert)	Mr.A.Chandramouli (Alumni Member)

	<b>KUMARAGURU COLLEGE OF TECHNOLOGY</b> DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING <b>19<sup>th</sup> Board of Studies Meeting</b>	<b>Ref No. KCT/ECE/BOS19/2021-22/01</b> <b>Prepared by: Dr.B.Gopinath, ASP</b> <b>Issued by: Dr.S.A.Pasupathy, HOD</b> <b>Issue Date: 15 December 2021</b>
	<b>MINUTES OF MEETING</b>	<b>Page Number: 6 of 6</b>

8.	R, C	<b>Members inputs towards upgradation of infrastructure / teaching aids to aid content delivery</b> <ul style="list-style-type: none"> <li>Dr.S.A.Pasupathy explained the periodical upgradation of infrastructure such as KC.AIR for automation and robotics, Keysight Technology for advanced communication system design and Texas Instrumentation for Signal Processing happened in the four years.</li> <li>He requested the panel members to share their views to upgradation of infrastructure / teaching aids.</li> <li>Dr.M.S.Sudhakar suggested that faculty may be trained to handle the courses in Java and python, as these courses meet the current industry needs.</li> </ul>
9.	R, C	<b>Best Practices followed in Member's Institutions</b> <ul style="list-style-type: none"> <li>Dr.M.S.Sudhakar explained the practice followed in VIT University.</li> <li>He narrated that all the courses have been narrow down under three categories as Programme linked Engineering Sciences, discipline linked Engineering Sciences and discipline core courses. Also, the courses are offered under eight specializations in the domains Augmented Reality/Virtual Reality, Automotive Electronics, Biomedical Engineering, Communication Systems and Networking, Nano Electronics and Photonics, Sensors and Wearable Technology, Embedded Systems and IoT, Signal Processing and Machine Vision and VLSI Design.</li> <li>He also summarized that the Minor Specialization courses are offered under Biomedical, Communication and Electronics domains.</li> <li>Mr.S.Chellakumar appreciated the offering of various language courses like Japanese, German and French as minor specialization</li> </ul>
		<ul style="list-style-type: none"> <li>The meeting concluded with all the above-mentioned thoughts and the vote of thanks was proposed by Dr.B.Gopinath.</li> </ul>

				
Dr.S.A.Pasupathy (BoS Chairperson)	Dr.C.Vasanthanayaki (Anna University Nominee)	Dr.M.S.Sudhakar (Subject Expert)	Mr.S.Chella Kumar (Industry Expert)	Mr.A.Chandramouli (Alumni Member)