

**MINUTES OF THE 3<sup>rd</sup> ONLINE MEETING**

**BOARD OF STUDIES OF**

**ELECTRONICS AND INSTRUMENTATION ENGINEERING**

**DATE:** 6<sup>th</sup> November , 2021, Saturday

**Time:** 10.45 AM – 12.00 PM

**PLATFORM :** Teams App

**Meeting Link:** <https://tinyurl.com/III-BoS-EIE>

**IN ATTENDANCE:**

S.No	Name of the Expert	Designation	Capacity
1	Dr.N.Sivakumaran, Professor/ I & C	Professor, Department of Instrumentation and Control Engineering, NIT, Trichy	Anna University Nominee
2	Dr.G.Uma, Professor and Head / I &C	Professor, Department of Instrumentation and Control Engineering, NIT, Trichy	Academic Council nominated BoS Members
3	Dr. P. Ramesh Babu Professor	Professor, Department of Electronics and Instrumentation Engineering, Puducherry Technological University	
4	Er.K.Murugesan Assistant General Manager	Winomechanic Private Ltd., Chennai	Industrialist

5.	Dr.G.Palani Kumar Lead Controls Engineer	Vestas Wind Technology R &D, Chennai	Alumni
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<b>FACULTY OF ELECTRONICS AND INSTRUMENTATION ENGINEERING</b>	<b>MEMBERS</b>
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S.No	Name of the Faculty	Designation
1	Dr.S.Jeyadevi	Chairman / HoD-EIE
2	Mr. A.Rajavel	UG Programme Coordinator
3	Mrs. M.Vigneswari	Assistant Professor / EIE
4	Mrs.J.UmaMaheswari	Assistant Professor / EIE
5	Mrs.L.V.Revathi	Assistant Professor / EIE
6	Mr.S.RameshPrabhu	Assistant Professor / EIE
8	Mrs. R.Santhiya	Assistant Professor / EIE
9	Ms. S.Kavitha	Assistant Professor / EIE

### THE MINUTES:

The meeting was called for considering the Undergraduate curriculum (V sem. - VI sem.) & syllabi.

### DISCUSSIONS:

- Dr.S.Jeyadevi welcomed the gathering.
- Dr.S.Jeyadevi discussed the Proceedings of 3<sup>rd</sup> Academic Council Meeting held on 03<sup>rd</sup> June 2021 to the experts. The highlights of the discussion were as follows:


<b>Recommendations from the Governing Body and Academic Council for Framing UG Curriculum:</b>	<ul style="list-style-type: none"> <li>• Online Course (Maximum 6 credits)</li> <li>• Audit Course (Mandatory non credit)</li> <li>• Industry Internship Programme</li> <li>• Value added Programme (Assessment &amp; Credits)</li> </ul>
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1. Dr.S.Jeyadevi, presented the proposed R2020 - curriculum, syllabus and curriculum framework for the Undergraduate (UG) program.
2. Dr.G.Uma suggested that in Microprocessors and Microcontrollers subject – Advanced Processors and Micro controllers, designing, interfacing (advanced processor) can be included in the subject.
3. Dr. P. Ramesh Babu suggested that in Microprocessors and Micro controllers subject , it can separate as two courses if possible.
4. Dr.G.Uma asked to update subject Text books with recent editions. Dr.N.Sivakumaran also suggested that in Process Control Syllabus Unit- V, Introduction to multivariable control system needs to be included.
5. Dr.G.Uma suggested that “Internet of Things - Sensing and Architecture” paper will be handled few guest lectures by industrial experts . Dr.N.Sivakumaran mentioned that in Medical Instrumentation, instead of telemetry system, the IoT concepts can be introduced.
6. Dr.G.Uma, Dr.N.Sivakumaran and Dr. P. Ramesh Babu suggested that in open elective Sensors and Transducers subject Unit V is to be removed and update as Smart Sensors, Nano sensor, advanced sensor and Sensor fusion.
7. Dr.G.Uma and Dr. P. Ramesh Babu recommended the Swayam courses for online courses. The certificates issued by Swayam will be considered for credits also. They also suggested that the Students will be allowed to do Online courses form 3<sup>rd</sup> semester to 7<sup>th</sup> semester after satisfying the pre requisites constraints of a particular course and also suggested that at least 30 % marks of Final End semester assessment can be open ended questions which will help the students to consolidate their learning.
8. Dr.G.Uma, Dr.N.Sivakumaran and Dr. P. Ramesh Babu suggested that Units – III, IV and V needed to update with the current trends in Analog and Digital Communication course. Due to the reduced usage of some older techniques like TDMA
9. Dr.N.Sivakumaran mentioned that in Analytical Instrumentation and Environment monitoring, the topic calibration needs to be included in unit IV and also suggested that in power electronics, advance controller and applications may

be included. He inquired about the industry arrangement for students; he also added that if student's undergone Internship in core industry, for assessment the weight-age will be justified based on the core company.

10. Dr.G.Palanikumar also suggested mentioned that the topic on RS 232 is replicated in Embedded System course, as it is already mentioned in Industrial Data Network course.

11. Mrs.J.Uma Maheswari proposed the vote of thanks to all the external and internal experts and the meeting was adjourned.

  
UG Coordinator

  
BOS In charge