

## Department of Electronics and Communication Engineering

MINUTES of the 2<sup>nd</sup> Meeting of the Board of Studies held on  
27<sup>th</sup> July 2024, 02:15 p.m

## Department of Electronics and Communication Engineering

MINUTES of the 2<sup>nd</sup> Meeting of the Board of Studies held on

27<sup>th</sup> July 2024, 02:15 P.M

Venue: ECE Dept., 2S06, Sree Vahini Institute of Science and Technology  
Sai Vahini Nagar, Tiruvuru-521235

### AGENDA

ECE/BoS 2.1	:	Welcome Address & Opening Remarks by Chairman. Board of Studies of the Department of Electronics and Communication Engineering.	
ECE/BoS 2.2	:	Syllabus brought forward by the Chairman, Board of Studies	
		2.2.1	UG Degree Programme V23 modified Curriculum Structure
		2.2.2	UG Degree Programme V23 II Year Syllabus
		2.2.3	PG Degree Programme V23 Syllabus Structure
ECE/BoS 2.3	:	Suggestions given by the BoS Members	

**Sree Vahini Institute of Science & Technology Tiruvuru NTR Dist-521235**  
(An Autonomous Institution - Affiliated JNTU, Kakinada)  
[www.sreevahini.edu.in](http://www.sreevahini.edu.in)

F.No 1-1/SVIST/BRANCH/ECE

29<sup>th</sup> July 2024

Dear Sir,

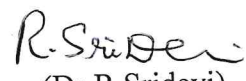
Sub: Minutes of the 2<sup>nd</sup> Board of Studies Meeting of Department of Electronics and Communication Engineering-Reg.

The 2<sup>nd</sup> Board of studies Meeting of Department of Electronics and Communication Engineering, was held on 27<sup>th</sup> July 2024 at 2.15 P.M at ECE Dept 2S06, Sree Vahini Institute of Science and Technology, Sai Vahini Nagar, Tiruvuru-521235. Thank you for attending the meeting and giving valuable suggestions. The minutes of the meeting is attached herewith.

Kindly go through the minutes and give your remarks if any. Please acknowledge the receipt of this mail and approve the minutes if there are no comments from your end.

Thanking you

Yours Sincerely

  
(Dr.R.Sridevi)  
Chairman, BoS

## Department of Electronics and Communication Engineering

### MINUTES OF THE MEETING

The 2<sup>nd</sup> Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 27<sup>th</sup> July 2024 at 2.15 P.M at 2S06, ECE Dept, Sree Vahini Institute of Science and Technology, Sai Vahini Nagar, Tiruvuru-521235.

The Board of Studies Members are as follows.

1.	Dr. R.Sridevi Professor & Head of the Dept.	Chairman
2.	Prof. M . Hari Krishna	Internal Members
3.	Dr. M.Ranga Rao	
4.	Dr. S. Ram Gopal	
5.	Mr. K. Venkanna	
6.	Mr. Ch. Kutumba Rao	
7.	Mr. K. Ravi Babu	
8.	Mrs. M. Sree Devi	
9.	Mrs. A. Sireesha	
10.	Mr. SK.Mastan Valli	
11.	Mr. P.Sudhakar	
12.	Mrs. P. Dhana Lakshmi	
13.	Mrs. Y. Padma	
14.	Mrs.P Kranthi Chaitanya	
15.	Mr Kongala Ramesh	
16.	Mr Nagaraju Nayak B	
17.	Mrs. Akhila Begum	
18.	Mrs. D Uma Maheswari	
19.	Mr N Ravikumar Reddy	
20.	Mr M Nagendra Babu	
21.	K Ramya	
22.	B Divya	
23.	V Srilatha	
24.	K Sravani	



**SREE VAHINI**  
(AN AUTONOMOUS INSTITUTION)  
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**INSTITUTE OF SCIENCE AND TECHNOLOGY**

Diploma / B.Tech / M.Tech / MBA

Sai Vahini Nagar, NH-30, Tiruvuru-NTR Dist. A.P



25	Mrs CH Varaprasad	Internal Members
26	Mrs M Gopi	
27	Mrs K Venkateswarlu	
28	Dr. A. Mallikarjuna Prasad Professor, ECE Department, JNTUK Kakinada, AP	Academic Expert Nominated by University
29.	Dr. P. Sri Hari Rao Professor, ECE Department, NIT Warangal, TS	Academic Expert
30	Dr. S. Naga Kishore Bhavanam Registrar, Mangalayatan University, Jabalpur, MP	Academic Expert
31	Mr. V. Govinda Rao MD, Microlinks Information Technologies, Vijayawada	Industrial Expert
32.	Mr. V. Krishna Rao SDE, BSNL, Vijayawada	
33	Mr. V. Jeevan Kumar System Engineer, TCS, Hyderabad	Meritorious Alumni



ECE/BoS 2.1	Welcome Address & Opening Remarks by Chairman. Board of Studies of the Department of Electronics and Communication Engineering.
ECE/BoS 2.2	Syllabus brought forward by the Chairman, Board of Studies
ECE/BoS 2.2.1	Approve the modified Curriculum Structure of UG Degree Programme under V23
	Resolved to approve the modified Curriculum Structure of UG Degree Programme under V23
ECE/BoS 2.2.2	Consider and approve the Syllabus of II year UG Degree Programme under V23
	Resolved to approve the Syllabus of II year UG Degree Programme under V23.
ECE/BoS 2.2.3	PG Degree Programme V23 Syllabus Structure
	Resolved to approve the Syllabus Structure of PG Degree Programme under V23.
ECE/BoS 2.3	Suggestions given by the BoS Members
	<p><b>1.Probability theory and Stochastic Process (Semester I)</b></p> <ul style="list-style-type: none"> <li>➤ The experts agreed to strike out the lines of Unit II that were highlighted (requested).</li> <li>➤ Expert Members suggested to learn the definitions of the “Response of Linear Systems &amp; System Response” in Unit III.</li> <li>➤ Experts are suggested to remove quadrature representation of narrowband noise &amp; its properties, Entropy, information Rate, Shannon Hartley Law, Tradeoff between noise and SNR.</li> </ul> <p><b>2.Signals &amp; Systems (Semester I)</b></p> <ul style="list-style-type: none"> <li>➤ Experts suggested to learn Signum function. Introduction to Hilbert Transform, related problems. in unit II.</li> <li>➤ Experts suggested to learn definitions of Filter characteristics of linear systems. Distortion less transmission through a system, Signal bandwidth, system bandwidth, Ideal LPF, HPF and BPF characteristics, Causality and Poly-Wiener criterion for physical realization, relationship between band width and rise time. except the designing in Unit III</li> <li>➤ Expert members suggested to remove Laplace transforms retain Z-transforms in Unit V.</li> </ul> <p><b>3. Electronic Devices and Circuits (Semester I)</b></p> <ul style="list-style-type: none"> <li>➤ Experts suggested to remove Sampling Gate, Basic Rectifier setup in Unit II.</li> <li>➤ Experts recommended eliminating punch through and reach through in Unit III since, as they learn in the introduction.</li> </ul> <p><b>1.Analog Communications (Semester II)</b></p> <ul style="list-style-type: none"> <li>➤ Experts suggested to add the AM Transmitters portion in Unit-I and FM Transmitters in Unit II and add Information Theory portion from probability theory and stochastic process to unit V of Analog Communications.</li> </ul>

### MINUTES OF THE MEETING

The members had a brainstorming discussion and interaction among themselves. Based on the suggestion given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

1. UG Degree Programme V23 modified Curriculum Structure
2. UG Degree Programme V23 II year Syllabus
3. PG Degree Programme V23 Syllabus Structure

Prof. M . Hari Krishna thanked all the members for their kind cooperation and the meeting came to an end.

	Chairman	Signature
1.	Dr. R.Sridevi Professor & Head, Department of ECE Sree Vahini Institute of Science and Technology, Tiruvuru.	<i>R. Sridevi</i>
<b>Internal Members</b>		
2.	Prof. M . Hari Krishna	<i>[Signature]</i>
3.	Dr. M.Ranga Rao	<i>[Signature]</i>
4.	Dr. S. Ram Gopal	<i>[Signature]</i>
5.	Mr. K. Venkanna	<i>[Signature]</i>
6.	Mr. Ch. Kutumba Rao	<i>[Signature]</i>
7.	Mr. K. Ravi Babu	<i>[Signature]</i>
8.	Mrs. M. Sree Devi	<i>[Signature]</i>
9.	Mrs. A. Sireesha	<i>[Signature]</i>
10.	Mr. SK.Mastan Valli	<i>[Signature]</i>
11.	Mr. P.Sudhakar	<i>[Signature]</i>
12.	Mrs. P. Dhana Lakshmi	<i>[Signature]</i>
13.	Mrs. Y. Padma	<i>[Signature]</i>
<b>Academic Expert Nominated by University Kakinada</b>		
14.	Dr. A. Mallikarjuna Prasad Professor, ECE Department, JNTUK Kakinada, AP	ONLINE
<b>Academic Expert</b>		
15.	Dr. P. Sri Hari Rao Professor, ECE Department, NIT Warangal, TS	ONLINE
16.	Dr. S. Naga Kishore Bhavanam Registrar, Mangalayatan University, Jabalpur, MP	ONLINE
<b>Industrial Expert</b>		
17.	Mr. V. Govinda Rao MD, Microlinks Information Technologies, Vijayawada	ONLINE
18.	Mr. V. Krishna Rao SDE, BSNL, Vijayawada	ONLINE
<b>Meritorious Alumni</b>		
19.	Mr. V. Jeevan Kumar System Engineer, TCS, Hyderabad	ONLINE

  
**CHAIRMAN**  
**BOARD OF STUDIES**



## Annexure-I



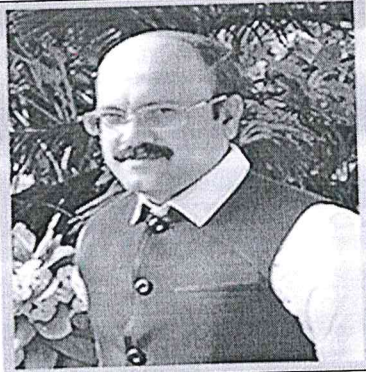

### Minutes of 2<sup>nd</sup> BoS Meeting - Action Taken Report




S.No	Suggestion given by expert members	Action taken
1	<b>1.Probability theory and Stochastic Process (Semester I)</b> <ul style="list-style-type: none"> <li>➤ The experts agreed to strike out the lines of Unit II that were requested.</li> <li>➤ Expert Members suggested to learn the definitions of the “Response of Linear Systems &amp; System Response” in Unit III.</li> <li>➤ Experts are suggested to remove quadrature representation of narrowband noise &amp; its properties, Entropy, information Rate, Shannon Hartley Law, Tradeoff between noise and SNR.</li> </ul>	Implemented
2.	<b>2.Signals &amp; Systems (Semester I)</b> <ul style="list-style-type: none"> <li>➤ Experts suggested to learn Signum function. Introduction to Hilbert Transform, related problems. in unit II.</li> <li>➤ Experts suggested to learn definitions of Filter characteristics of linear systems. Distortion less transmission through a system, Signal bandwidth, system bandwidth, Ideal LPF, HPF and BPF characteristics, Causality and Poly-Wiener criterion for physical realization, relationship between band width and rise time. except the designing in Unit III</li> <li>➤ Expert members suggested to remove Laplace transforms retain Z-transforms in Unit V.</li> </ul>	Implemented
3.	<b>3. Electronic Devices and Circuits (Semester I)</b> <ul style="list-style-type: none"> <li>➤ Experts suggested to remove Sampling Gate, Basic Rectifier setup in Unit II.</li> <li>➤ Experts recommended eliminating punch through and reach through in Unit III since, as they learn in the introduction.</li> </ul>	Implemented
4.	<b>1.Analog Communications (Semester II)</b> <ul style="list-style-type: none"> <li>➤ Experts suggested to add the AM Transmitters portion in Unit-I and FM Transmitters in Unit II and add Information Theory portion from probability theory and stochastic process to unit V of Analog Communications.</li> </ul>	Implemented

  
**CHAIRMAN**  
**BOARD OF STUDIES**



**COMPOSITION AND MEMBERS OF BOARD OF STUDIES IN  
 ELECTRONICS & COMMUNICATION ENGINEERING  
 (W.E.F. 2024 - 25)**

1.	Chairperson & Head of the Department	Dr.R.Sridevi Professor, Department of Electronics and Communication Engineering, Sree Vahini Institute of Science & Technology(A), Tiruvuru -521235 ecehod@sreevahini.edu.in 9346668027,	
2.	All the Faculty of the Department		
3.	Academic Expert Nominated by University	Dr. A. Mallikarjuna Prasad Professor, ECE Department JNTU Kakinada, AP 9441564840	
4.	Academic Expert	Dr. P. Sri Hari Rao Professor, ECE Department NIT Warangal, TS <a href="mailto:patri@nitw.ac.in">patri@nitw.ac.in</a> 8332969357	
5.	Academic Expert	Dr. S. Naga Kishore Bhavanam Registrar, Mangalayatan University, Jabalpur, MP <a href="mailto:registrar@mangalayatan.ac.in">registrar@mangalayatan.ac.in</a> <a href="mailto:drbsnagakishore@mangalayatan.ac.in">drbsnagakishore@mangalayatan.ac.in</a> 9989541444	

6.	Industrial Expert	Mr. V. Krishna Rao SDE, BSNL, Vijayawada <a href="mailto:krishnarao.jto@gmail.com">krishnarao.jto@gmail.com</a> 9490143855	
7.	Industrial Expert	Mr. V. Govinda Rao MD, Microlinks Information Technologies, Vijayawada <a href="mailto:Vgr.mlit@gmail.com">Vgr.mlit@gmail.com</a> 9246400662	
8.	Meritorious Alumni	Mr. V. Jeevan Kumar System Engineer, TCS, Hyderabad <a href="mailto:jeeva6128@gmail.com">jeeva6128@gmail.com</a> 9133607520	

*R. Sridhar*  
**CHAIRMAN**  
**BOARD OF STUDIES**