



sasi INSTITUTE OF
autonomous TECHNOLOGY &
ENGINEERING

Accredited by NAAC with "A" Grade,
Recognised by UGC under section 2(f) & 12(B)
Approved by AICTE - New Delhi
Permanently Affiliated to JNTUK, SBTET,
Ranked as "A" Grade by Govt. of A.P.,

Department of Electronics and Communication Technology
Academic Year 2023-24
**Minutes of the Meeting of the 4th BoS held on 19th August 2023 at
R&D lab 3rd Floor ECT Department of SITE**

The 4th Board of Studies for Electronics and Communication Technology meeting, Sasi Institute of Technology & Engineering is convened on 19th August 2023, (Saturday) from 10:00 AM onwards at "R&D Lab, Third floor, Armstrong Block" of SITE, Tadepalligudem, W.G District, AP.

The members of the BoS attended the meeting through Hybrid mode (online and offline). The internal staff members attended the meeting through offline and the External BoS experts Dr. A. M Prasad, Professor of ECE, UCEK, JNTUK, Kakinada, Dr. P.Srihari rao, Department of ECE, NIT Warangal, Dr. U. Eranna, Professor, Department of ECE, Bellary Institute of technology and Management, Bellary, Sri.S.Adishesu, Scientist / Engineer-SC, ISRO, Bangalore and all the BoS staff members attended through Google Meet. The link for the program is given below.

Google Meet Link: <https://meet.google.com/wkj-fopk-pvr>

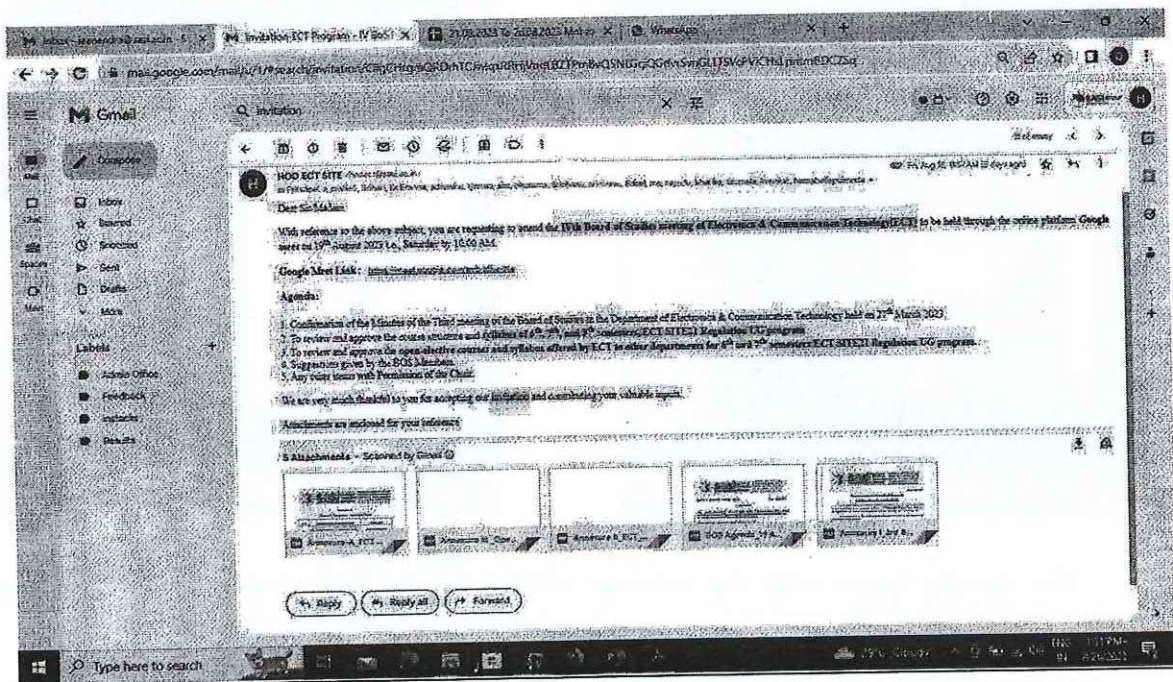
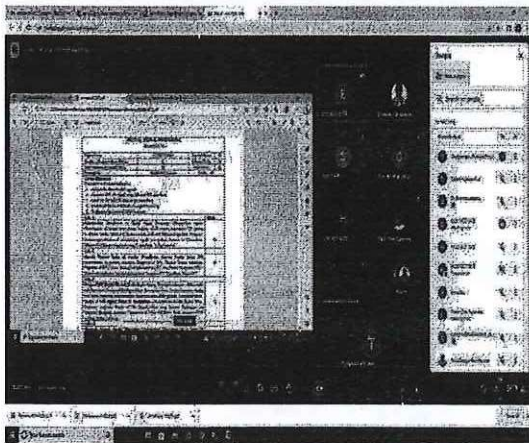
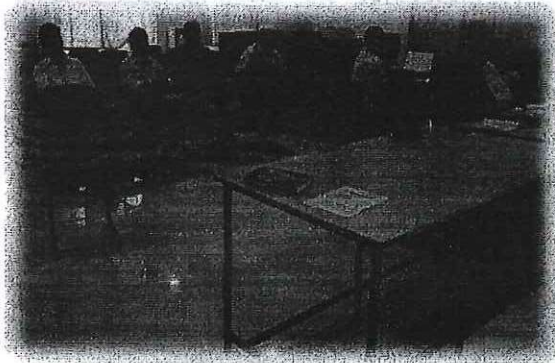
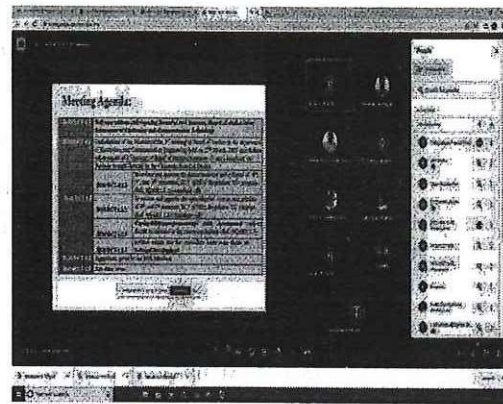


Fig 1: Invitation Email to the Internal and External BOS Members



The meeting began with the welcome address by the BoS chairman, Dr. G. Lenendra Chowdary, Professor & HOD, ECT Department, Sasi Institute of Technology & Engineering.

The BoS chairman has introduced the external members Dr. A. M Prasad, Professor of ECE, UCEK, JNTUK, Kakinada, Dr. P. Srihari rao, Department of ECE, NIT Warangal, Dr. U. Eranna, Professor, Department of ECE, Bellary Institute of technology and Management, Bellary, Sri. S. Adishesu, Scientist / Engineer-SC, ISRO, Bangalore and all the BoS members.

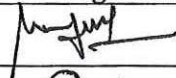


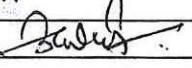



Based on agenda the following resolutions have been taken in fourth BOS





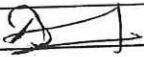
BOS/ECT 4.1	Welcome address and Opening Remarks by Chairman, Board of studies in the department of Electronics and Communication Technology	
Resolution:	Chairman greeted all the members and proceeded to the next agenda point for the discussion with the approval of BoS members.	
BOS/ECT 4.2	Confirmation of the Minutes of the 3 rd meeting of Board of Studies in the department of Electronics and Communication Technology held on 27 th March, 2023 and Action taken report of 3 rd meeting of Board of Studies (Annexure -I) and (Annexure -A)	
Resolution:	Chairman addressed the Minutes and the in BoS meeting in the SITE21 Syllabus of III B.Tech I Sem. All the BoS members of the meeting reviewed the same and approved moving to the next point on the agenda.	
BOS/ECT 4.3	Business brought forward by the Chairman, Board of Studies	
	BOS/ECT4.3.1	To review and approve the course structure and syllabus of 6 th , 7 th , and 8 th semesters, ECT SITE21 Regulation UG program. (Ref: AQAR:1.1.2) (Annexure -II)
	Resolution:	After reviewing the course structure and the syllabus, the BoS members approved the syllabus of all the courses
	BOS/ECT4.3.2	To review and approve the open-elective courses and syllabus of 6 th and 7 th semesters ECT SITE21 Regulation UG program. (Ref: AQAR:1.1.2) (Annexure -III)
	Resolution:	The BoS members approved the syllabus for all open electives courses after thoroughly reviewing it and making a suggestion to rename unit 3 of the Nano Electronics course. The above suggestion is accepted and incorporated accordingly.
	BOS/ECT4.3.3	<i>Employability/entrepreneurship/ skill development</i> subject should be included in the course curriculum. (Ref: AQAR:1.1.3)
	Resolution:	After reviewing, the BoS members unanimously endorsed the <i>Employability/entrepreneurship/ skill development</i> subject.
	BOS/ECT4.3.4	Institute ensure that the curriculum bears some thrust on National Development
Resolution:	The chairman has explained the course "Essentials of Indian Traditional Knowledge" which is included in the VI semester SITE21 regulation as part of <i>National Development</i> . After reviewing, the BoS members approved III B.Tech I Sem courses.	
BOS/ECT 4.4	Suggestions given by the BOS Members	
	For every subject in the course structure, the BoS members recommended adding Standard Textbooks and reference materials.	
BOS/ECT 4.5	Any other items	
	The BoS members suggested enticing the students to participate in various technical and non-technical events.	

Conclusion:

At end of the meeting, the chair has expressed his gratitude for all the members of the Board of Studies for their valuable inputs in bringing out a prospective curriculum. The meeting was concluded with a common opinion in view of enhancing the knowledge of engineering graduates.

BOS members of ECT

S.No.	Name of BoS Member	Designation	Position	Signature
1.	Prof Md Ismail	Principal	BOS-Patron	
2.	Dr. G L Chowdary	HOD, Dept. of ECT	BOS-Chairman	
3.	Dr. A M Prasad, Professor of ECE	Mobile No.: 9441564840 E-mail: a_malli65@yahoo.com	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal.	
4.	Dr. P.Srihari Rao	Mobile No: 9441342324 E-mail: patri@nitw.ac.in	Two subject experts from outside the Parent University to be nominated by the Academic Council.	
5.	Dr.U.Eranna	Professor, Department of ECE, Bellari Institute of Technology and Management, Mobile No: 9036999709 E-ail:jaya88veer@gmail.com		
6.	Mr. S. Adishesu	Mobile No.: 8985674203 E-mail: adishesu@istrac.gov.in	One representative from industry/corporate sector/allied areas.	
7.	Dr. Bodapati Srinivas	Mobile No.:9940356446 E-mail:srinioes@gmail.com	One member of the College alumni	
8.	Mrs.K.H. Sai Durga	Asst. Professor, Dept. of ECT	BOS – Secretary to be nominated by the BOS Chair.	
9.	Mr. K.Venkatesulu	Asst. Professor, Dept. of ECT	All faculty members of the Department	
	Mrs.K.Hema Kumari	Asst. Professor, Dept. of ECT		
	Mr.G.Venkatesh	Asst. Professor, Dept. of ECT		
	Ch.N.V.Tirumala	Asst. Professor, Dept. of ECT		
10.	Ms. B. Kusuma	Expert faculty member from MBA Mobile No.:9951693757 E-mail: bkusuma@sasi.ac.in	Internal Member	

S.No.	Name of BoS Member	Designation	Position	Signature
11.	Mr. N.Subbarayudu	PAC Chairman - UG	Internal Member	
12.	Mr. M Narendra Krishna	Vice-President	Special Invitee	
13.	Dr.K.Bhanu Prasad	Director	Special Invitee	
14.	Dr. B.Satyanarayna	Dean Academics	Special Invitee	
15.	Dr. T J V S Rao	Dean Student Affairs	Special Invitee	
16.	Dr.Ch.Srinivas	Dean R &D	Special Invitee	
17.	Dr. Sohel Rana	Dean ICT & ITL	Special Invitee	



Signature of the BoS Chairman

Head of the Dept-ECT
 Sree Institute of Technology & Engineering
 TADEPALLIGUDEM-534101
 W.G.Dist., A.P.

To
 The Individual members
 The Chairman,Board of Studies,Department of ECT

CC To
 Mail & Hard copy to: Hon'ble Chairman, SITE
 Mail & Hard copy to: Hon'ble Vice-Chairman, SITE
 Mail & Hard copy to: PA to Principal
 Mail & Hard copy to: Director, SITE
 Mail & Hard copy to: Dean Academics
 Mail Copy to: HoDs..CE/ME/CSE/IT/CST/ECE/ECT/EEE/AS&H/MS/AI&ML
 Mail to EXAM.Section/Automation/Central library/IQAC/AO
 Mail to: All Faculty Members

MEET - srx-grzy-yj

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HOD ECT SITE is presenting

COURSE STRUCTURE AND SYLLABUS

Aligned with AICTE model Curriculum 2018-2019

SITE 2018 (M) REGULATION for III&IV B.Tech.

Electronics & Communication Technology

Dr. C R S Hanuman

Dr. T Venkata Rama Krish...

15 others

You

People

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In call

- Tadigadapa Prasad (You)
- Dr. C R S Hanuman Meeting host
- Dr. Krishna Chaita...
- Dr. Mallikarjuna Pr...
- Dr. T Venkata Ram...
- Dr. Eranna uppara

11:32 AM srx-grzy-yj

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MEET - srx-grzy-yj

meet.google.com/srx-grzy-yj?pli=1

HOD ECT SITE is presenting

S.No	Course Code	Course Title	L	T	P	C
4	ISETEP7040	Professional Elective - V	3	0	0	3
5	ISETEP00XXX	Open Elective - III	3	0	0	3
6	ISETEP00XXX	Open Elective - IV	3	0	0	3
7	ISETEP7050	RF System Design Lab	0	0	3	1.5
8	ISETEP7060	Research Internship	0	0	3	3
9	ISETEP7070	Skill Oriented Course - III (Electronics Processing With Open CV) OR (Electromagnetic Simulation Tech. (HFSS, CST & HEBON))	1	0	1	2
10	ISETEP7080	Electronics Measurements & Instrumentation	3	0	0	3
Total Credits			24.5			

S.No	Course Code	Course Title	L	T	P	C
1	ISETEP7030A	Radar and Satellite Communications	3	0	0	3
2	ISETEP7030B	Low Power VLSI Design	3	0	0	3

Dr. C R S Hanuman

Dr. T Venkata Rama Krish...

14 others

Sohel Rana joined

People

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In call

- Priraja N Maleswari
- Pradyumna V
- Praveena Appasani
- Sohel Rana
- Srihari Rao Patri
- srikanth N
- srinivas p
- T J V S Rao

11:35 AM srx-grzy-yj

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HOD ECT SITE is presenting

Image Enhancement: spatial domain methods: histogram processing, Fundamentals of spatial filtering, Savitsky spatial filters, Sharpening spatial filters, Frequency domain methods: Basics of filtering in frequency domain, image smoothing, Image sharpening, Selective filtering.

Image Restoration: Introduction to Image restoration, Image degradation, Types of image blur, Classification of image restoration techniques, Image restoration model: Linear and Nonlinear image restoration techniques, Blind deconvolution.

Unit III

Image Segmentation: Introduction to image segmentation, Point, Line and Edge Detection, Region based segmentation, Classification of segmentation techniques, Region approach to image segmentation, clustering techniques, Image segmentation based on thresholding, Edge based segmentation, Edge detection and filtering, Morphological image processing, Active contour.

Image Compression: Introduction, Need for image compression, Redundancy in images, Classification of redundancy in images, image compression schemes, theory, Run length coding, Shannon, Fano coding, Huffman coding, Arithmetic coding, Predictive coding, Transform based compression, Image compression standard, Wavelet-based image compression, JPEG Standard.

Unit -IV

Dr. C R S Hanuman

Dr. T Venkatesh Rama Krishna

HS

14 others

T

People

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In call

- Tadigadapa Prasad (You)
- Dr. C R S Hanuman, Meeting host
- Dr. Mallikarjuna Pr...
- Dr. Mallikarjuna Pr...
- Dr. T Venkata Ram...
- Dr. Eranna uppara

11:43 AM srx-grzy-yj

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HOD ECT SITE is presenting

Skill Oriented Course - III
(Electromagnetic Simulation Tools (HFSS, CST & Feko))
SEMESTER VII

Subject Code	ISETEK300	Internal Marks	15
Number of Lecture Hours/Week	1-0-2	External Marks	25
Total Number of Lecture Hours/Week	36	Exam Hours	05
		Credits	02

Course objectives:

This course will enable the students to

- Demonstrate working with geometries, drawing models, assigning materials, assigning boundaries, creating the ports, creating solvers setup
- Design of probe and micro strip antenna.
- Design of Fequency antenna, slot antenna
- Design of Microwave Communication Modules

Unit -1

Dr. C R S Hanuman

Dr. T Venkatesh Rama Krishna

HS

14 others

T

People

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- HOD ECT SITE, Meeting host
- HOD ECT SITE, Presenter
- Pinjala N Malleswari
- Pradyumna V
- Praveena Appasani
- Srihari Rao Patri
- srikanth N
- T JVS Rao

11:44 AM srx-grzy-yj

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