

3rd

Board of Studies



Narasaraopeta Engineering College (Autonomous)

Kotappakonda Road, Yellamanda (P.O), Narasaraopet- 522601, Guntur District, AP.

Sponsored by Gayatri Educational Development Society, Narasaraopet.

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada. Code: 47.

Twice Accredited by NBA & NAAC with 'A' Grade, An ISO 9001:2008 Certified Institution.

Phone: 08647-239903 & 239902(Fax) Website: www.nrtenggcollege.com Email: nrtec_principal@yahoo.com

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

3rd BOARD OF STUDIES (BOS) MEETING ON 25th April, 2018

AGENDA

1. Welcome by the Chairman
2. Discussion on III B.Tech., ECE Curriculum and Syllabus
3. Discussion on IV B.Tech., ECE Curriculum and Syllabus
4. Discussion on III B.Tech., and IV B.Tech., EEE Curriculum and Syllabus offered
by ECE department
5. General suggestions by members
6. Vote of thanks

25/4/18
Chairman, BOS
Dr. V. VENKATA RAO

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET
(Autonomous Institution)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

25th April, 2018

Minutes of the 3rd Board of studies Meeting held on 25th April, 2018
at 11:00 AM in the Computer Center

Dr. V. Venkata Rao, Chairman, Board of Studies chaired the meeting and welcomed all the members to the third Board of Studies meeting in the department of Electronics and Communication Engineering. The discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

MEMBERS PRESENT

1	Dr. V. Venkata Rao Professor and Head Department of ECE Narasaraopeta Engineering College, Narasaraopet	Chairman, BOS	<i>[Signature]</i>
2	Dr. A.M. Prasad Professor, Department of ECE, UCEK, JNTUK, Kakinada.	Nominee of JNTUK, Kakinada	<i>[Signature]</i>
3	Dr. V. Anil Kumar Alumni, Assistant Professor, IIITH, Hyderabad.	Member	<i>V. Anil Kumar</i>
4	Dr. B. Chandra Mohan Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council	<i>[Signature]</i>
5	Dr. D. Venkata Rao Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council	<i>[Signature]</i>
6	Mr. J. V. K. Ratnam Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member	<i>[Signature]</i>
7	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member	<i>[Signature]</i>

8	Mr. J. Narasimha Rao Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member
9	Mr. N. Sayedu Khasim Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member

ITEM No. 1

Discussion on III B.Tech., Curriculum and Syllabus of Electronics and Communication Engineering.

After detailed discussions, the board expressed their suggestions and views regarding III B.Tech., Electronics and Communication Engineering Curriculum and Syllabus. The following suggestions/amendments/recommendations are given by the members of the board.

1. In Unit- VI of Linear and Digital IC Applications course, the syllabus for the topic 'Memories' is placed first and 'Introduction to VHDL' is placed next.
2. The course name of 'Image Processing through MATLAB' is suggested to modify as 'Image Processing Algorithms and Analysis'. In the same course, the word 'MATLAB' is replaced with 'software tool'. Additional contents in Unit - I, Unit - II, Unit - III and Unit - V are to be removed. The Unit - VI will be removed completely and a new unit is to be introduced.
3. In Medical Electronics course, the contents in the topic 'The Hospital and The Medical Electronics Department' of Unit - VI are to be verified.
4. In Digital Communications Lab and Digital Signal Processing Lab courses, the word 'MATLAB' is replaced with 'simulation tool'.

ITEM No. 2

Discussion on IV B.Tech., Curriculum and Syllabus of Electronics and Communication Engineering.

After detailed discussions, the board expressed their suggestions and views regarding IV B.Tech., Electronics and Communication Engineering Curriculum and Syllabus. The following suggestions/amendments/recommendations are given by the members of the board.

1. In Computer Networks course, topics related to 'ATM' are to be removed.
2. In Advanced DSP course, Unit - I name is replaced with 'Multirate Signal Processing' instead of 'Review of DFT, FFT, IIR filters and FIR filters'.
3. In Advanced DSP course, 'Introduction to Time - Frequency Analysis' is introduced as Unit - IV and corresponding syllabus related to topics STFT, Multi Resolution Analysis: Wavelet Transform theory and Applications are placed in that Unit - IV. In existing syllabus, Unit - IV and Unit - V are amended as Unit - V and Unit - VI respectively, and Unit - VI is completely removed.
4. In VLSI and Embedded Systems Lab, the term 'Mentor Graphics' is removed.
5. In Wireless Sensor Networks course, the Unit - VI name is amended as 'Security in WSNs'.
6. In Speech Processing course, Unit - III, Unit - IV, Unit - V and Unit - VI are amended as Unit - VI, Unit - III, Unit - IV and Unit - V respectively. In 'Coding of Speech Signals' unit, the topic 'Adaptive Multi Rate (AMR) coders' introduced. In 'Speech Recognition' unit, the topic 'DNN approach' is introduced.

ITEM No. 3

Discussion on III B.Tech., and IV B.Tech., Electrical and Electronics Engineering Curriculum and Syllabus offered by ECE department.

After detailed discussions, the board expressed their suggestions and views regarding III B.Tech., and IV B.Tech., Electrical and Electronics Engineering Curriculum and Syllabus offered by Electronics and Communication Engineering department. The following suggestion/amendment/recommendation is given by the members of the board.

1. In Signals and Systems course of III B.Tech., the topics related to 'Laplace Transforms' are to be removed and the Unit - IV name is modified accordingly.
2. In Microprocessors & Microcontrollers course, the Unit - VI name is amended as 'Industrial Applications of 8051'.

Meeting concluded with thanks to the Chair.

2022 25/4/18
(Dr. V. VENKATA RAO)
Chairman
BOS (ECE)



NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET
(Autonomous Institution)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

25th April, 2018

Board of studies of Electronics & Communication Engineering

ATTENDANCE SHEET

S. No.	Name	Category	Designation	E-Mail id. & Mobile No.	Signature
1	Dr. V. Venkata Rao	Professor and Head of the Department	Chairman	vvenkatarao2k9tec@gmail.com 94411 27485	
2	Dr. B. V. Rama Mohana Rao	Professor and Director Tirumala Engineering College, Narasaraopet.	Member	mohanaraosudharan i1991@gmail.com 99897 34703	
3	Dr. Sk. Sd. Basha	Professor	Member	shaikarchi@gmail.com 90149873291	
4	Mr. J. V. K. Ratnam	Professor	Member	ratnamjvklakshmi@yahoo.co.in 94409 43215	
5	Mr. P. S. S. Chakravarthy	Professor	Member	chakri.pss@gmail.com 98858 54901	
6	Mr. J. Narasimha Rao	Associate Professor	Member	jnarasimharao09@gmail.com 97036 32376	
7	Mr. N. Sayedu Khasim	Associate Professor	Member	sayedukhasim@gmail.com 99855 95567	
8	Dr. B. Chandra Mohan	Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council	chandrabhuma@gmail.com 94911 12477	
9	Dr. D. Venkata Rao	Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council	dv2002in@yahoo.co.in 99638 78335	
10	Dr. A.M. Prasad	Professor, Department of ECE, UCEK, JNTUK, Kakinada.	Nominee of JNTUK, Kakinada	a_malli65@yahoo.com 94415 64840	
11	Mr. K. Pavan Kumar	Staff Design Engineer, Marvel India Pvt. Ltd., Second Floor, Leela Galleria, 23 rd Old Airport, Bangalore- 8.	Member	indrapavan@gmail.com 99164 84837	
12	Dr. V. Anil Kumar	Alumni, Assistant Professor, IIITH, Hyderabad.	Member	anil.vuppala@iiit.ac.in 85007 27346	
13	Mr. Jayachandra Aradhya	CEO, Silicon Micro Systems, Bengaluru	Special Invitee	aradhya@simsindia.net 98440 40444	

Chairman, BOS