

**7th**  
**BOARD OF STUDIES**



# NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

22<sup>nd</sup> July, 2022

## 7<sup>th</sup> BOARD OF STUDIES (BOS) MEETING ON 23-07-2022

### AGENDA

1. Welcome by the Chairman
2. Discussion on R20-Syllabus of III B.Tech. and IV B.Tech. Electronics and Communication Engineering
3. Discussion on R20-Syllabus for the subjects offered by ECE department to other departments
4. Discussion on R20-Syllabus for Honors and Minor subjects offered by ECE department
5. General suggestions by members
6. Any other information with the permission of the Chairman
7. Vote of thanks

  
Chairman, BOS  
(Dr. V. Venkata Rao)



# NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

23<sup>rd</sup> July, 2022

**Minutes of the 7<sup>th</sup> Board of Studies (BoS) Meeting for R20 Course  
III & IV B.Tech., and Honors & Monor Subjects Syllabus held  
on 23<sup>rd</sup> July, 2022 at 2:00 PM**

Dr. V. Venkata Rao, Chairman, Board of Studies chaired the online meeting and welcomed all the members to the seventh 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

<b>1</b>	Dr. V. Venkata Rao Professor and Head Department of ECE Narasaraopeta Engineering College Narasaraopet	Chairman, BOS
<b>2</b>	Dr. B.T. Krishna Professor and Head Department of ECE, UCEK, JNTUK, Kakinada	JNTUK University Nominee
<b>3</b>	Dr. K. Venkata Ramanaiah, Professor, Department of ECE University College of Engineering Yogi Vemana University Prodattur, Kadapa Dist.	Subject Expert
<b>4</b>	Dr. K. Naga Srinivasa Rao Batta, Assistant Professor Department of ECE NIT, Warangal	Subject Expert
<b>5</b>	Mr. T. Seetha Ram Kumar Sub Divisional Engineer, BSNL, Guntur	Nominee from Industry
<b>6</b>	Dr. V. Anil Kumar Associate Professor IIITH, Hyderabad	Nominee from Alumni
<b>7</b>	Dr. K. Srinivasa Ravi Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)

<b>8</b>	Dr. K. Raju Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
<b>9</b>	Dr. J. V. K. Ratnam Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
<b>10</b>	Dr. Amit Gupta Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
<b>11</b>	Dr. A.V. Nageswara Rao Associate Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
<b>12</b>	Dr. Sk. Bajidvali Associate Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
<b>13</b>	Dr. R. Samabasiva Nayak Assistant Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
<b>14</b>	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
<b>15</b>	Mrs. B. Suneetha Assistant Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)

#### **ITEM No. 1**

#### **Discussion on R20-Syllabus of III B.Tech. and IV B.Tech. Electronics and Communication Engineering.**

After detailed discussions, the Board expressed their suggestions and views regarding R20 Syllabus for III B.Tech. and IV B.Tech. Electronics and Communication Engineering. The following suggestions/amendments/recommendations are given by the members of the board.

1. In III B.Tech., II Semester, the topic Introduction to 8085 is need to be added in Unit-I of Microprocessors & Microcontrollers subject.

2. In IV B.Tech., I Semester, the topics of Recurrent Networks are need to be added in Unit-V of Introduction to Deep Learning (Professional Elective – III) subject.
3. In IV B.Tech., I Semester, the topics of Genetic Algorithms, PSO, etc. are to be added in Unit-V of Soft Computing Techniques (Professional Elective – IV) subject.
4. In IV B.Tech., I Semester, the topics of DAC and ADC Interfacing, Keyboard/Display Controller-8279, Memory interfacing to 8086, Interfacing DMA Controller 8257 to 8086 in Introduction to Microprocessors and Microcontrollers (Other than ECE) (Open Elective-III) subject are to be removed.
5. The syllabus in IV B.Tech., I Semester, Introduction to VLSI & Embedded Systems (Open Elective-III) subject is need to be reduced.
6. The syllabus for Open Elective subjects need to be reduced. Fundamental concepts are to be covered in the syllabus.
7. For all the subjects, number of Text books and Reference books can be mentioned uniformly.

#### **ITEM No. 2**

##### **Discussion on R20-Syllabus for the subjects offered by ECE department to other departments.**

After detailed discussions, the Board expressed their suggestions and views regarding R20-Syllabus for the subjects offered by ECE department to other departments. The following suggestions/amendments/recommendations is given by the members of the board.

1. In III B.Tech., II Semester, the topic Introduction to 8085 is need to be added in Unit-I of Microprocessors & Microcontrollers subject.
2. The syllabus for subjects offered to other departments need to be reduced. Fundamental concepts are to be covered in the syllabus.

#### **ITEM No. 3**

##### **Discussion on R20-Syllabus for Honors and Minor subjects offered by ECE department.**

After detailed discussions, the Board expressed their suggestions and views regarding R20-Syllabus for Honors and Minor subjects offered by ECE department. The following suggestion/amendment/recommendation is given by the members of the board.

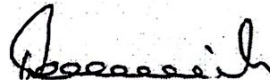
1. In Honors, Specialization/Domian of Pools are to be modified as Pool-I will be Digital Signal Processing and Pool-4 will be Instrumentation and Control Systems.

Meeting concluded with thanks to the Chair.

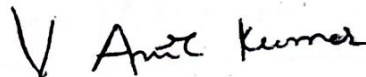
  
(Dr. V. VENKATA RAO)

Chairman  
BOS (ECE)

  
(Dr. B.T. Krishna)

  
(Dr. K. Venkata Ramanaiah)

  
(Mr. T. Seetha Ram Kumar)

  
(Dr. V. Anil Kumar)

  
(Dr. K. Naga Srinivasa Rao Batta)

(Dr. K. Srinivasa Ravi)

  
(Dr. K. Raju)

  
(Dr. J. V. K. Ratnam)


  
(Dr. Amit Gupta)

  
(Dr. A.V. Nageswara Rao)

  
(Dr. Sk. Bajidvali)

  
(Dr. R. Samabasiva Nayak)

  
(Mr. P. S. S. Chakravarthy)

  
(Mrs. B. Suneetha)



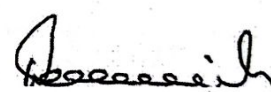
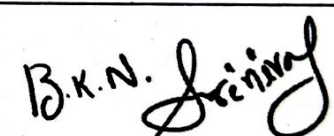
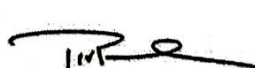
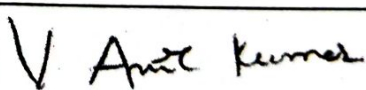



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23<sup>rd</sup> July, 2022

**Board of Studies (BOS) of Electronics and Communication Engineering**

**ATTENDANCE SHEET**

S.No.	Name	Designation	Category	Contact information	Signature
1	Dr. V. Venkata Rao	Professor & Head	Chairman	Mobile: 9441127458 E-Mail: ecehod@nrtec.ac.in	
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3	Dr. K. Venkata Ramanaiah	Professor	Subject Expert	Mobile No.: 9849245750 E-Mail: ramanaiahkota@gmail.com	
4	Dr. K. Naga Srinivasa Rao Batta	Assistant Professor	Subject Expert	Mobile: 9800296596 E-Mail: srinu.bkn@nitw.ac.in	
5	Mr. T. Seetha Ram Kumar	Sub Divisional Engineer	Nominee from Industry	Mobile: 9490107111 E-Mail: rahulanish2007@gmail.com	
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13	Dr. R. Samabasiva Nayak	Assistant Professor	Member (Internal Subject Expert)	Mobile: 9912391909 E-Mail: sambanayak@gmail.com	
14	Mr. P.S.S. Chakravarthy	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: chakri.pss@gmail.com	
15	Mrs. B. Suneetha	Assistant Professor	Member (Internal Subject Expert)	Mobile: 9247513429 E-Mail: suneetha.bobbillapati@gmail.com	

  
Chairman, BOS  
(Dr. V. Venkata Rao)