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NARSIMHA REDDY ENGINEERING COLLEGE

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Courses Accredited by NBA, UGC 2(f) & 12(b) NAAC with 'A' Grade

Department of Electronics and Communication Engineering

Sr. No: ECE21050601

Date: 6th May 2021

Minutes of Meeting of Board of Studies (A. Y. 2020-21)

Venue	Date	Time
Department of Electronics and Communication Engineering, Narsimha Reddy Engineering College, Secunderabad	06 th May 2021	11:00 AM

I. Agenda

- Composition of Board of Studies - ECE
- Approval of Academic Regulations for NR 20 and NR 21
- Approval of Course structure for NR20 and NR 21
- Approval of Syllabus for NR20 and NR21
- Any other matter with the permission of Chair

II. Members attended for Board of Studies

S.No	Name of Faculty	Designation	Responsibility
1	Dr. P.SekharBabu	Principal	Special Invitee
2	Prof. K.Lakshmi	Head of the Department	Chairman
3	Dr. D. Srinivasa Rao	Professor & Coordinator, Prof. of ECE, JNTUH CEJ.	Member (JNTUH nominee)
4	Dr. B. RajendraNaik	Professor & Head of the dept. ECE, University College of Engineering (A), OU, Hyderabad.	Member (Subject expert)
5	Dr. Manjunathachari K	Professor & Head of the dept. ECE, GITAM University. Hyderabad.	Member (Subject expert)
6	Mr. Ashish Chinthakayala	Managing Director, Path Creators, Hyderabad	Member (Industry)
7	Mrs. Kruttiventi A Manjusha	Assistant Professor. Dept. of ECE. MLR Institute of Technology, Hyderabad	Member (Alumni)
8	Dr. R Murugesan	Professor	Member
9	Dr. Honey Durga Tiwari	Professor	Member
10	Dr. M Shoban	Associate Professor	Member
11	Mr. B Raju	Assistant Professor	Member
12	Mr. Rajashekar K	Assistant Professor	Member



Department of Electronics and Communication Engineering

III. Minutes of Meeting

1. The meeting was held at ECE department, NRCM, on 6th May 2021 at 11.00am in online mode.
2. The Chairman of BOS Committee has briefed about the rules and regulations stipulated by UGC and JNTUH, Hyderabad for Autonomous colleges after introducing all the members.
3. The committee emphasized the need for contemporary topics which can enhance the mathematical skills of students and insisted that the topics should connect with the students.
4. The Chairman of BOS presented the proposed Academic Regulations, Course Structure and Detailed syllabus to the board. The board approved the Academic Regulation, Course Structure for NR20, NR21 and suggested the following changes in the syllabus.
5. The following corrections are done as per the **BOS member's recommendations**:
 - a. The inclusion of duration in weeks for Induction Program in I Year.
 - b. Offering four professional electives in each group of professional electives.

Professional Elective - I	Digital System Design Using FPGA
Professional Elective - II	Digital Image Processing
Professional Elective - III	Mobile Communications and Networks
Professional Elective - IV	Design of Fault Tolerant Systems
Professional Elective - V	Data Analytics
Professional Elective - VI	Software Defined Radio

- c. The inclusion of "Digital System Design Using FPGA" in place of "Error Correcting Codes" in PE-I.
- d. shifting "Digital Image Processing" in PE-II for benefit of students during major project in IV Year.
- e. The inclusion of "Design of Fault Tolerant Systems" in PE-IV.
- f. The inclusion of "Data Analytics" in PE-V.
- g. The inclusion of "Software Defined Radio" in PE-VI.
- h. The inclusion of proposed topic Circular guides to be kept after the "Rectangular waveguides" in Unit V of subject "Electromagnetic Fields and Waves" offered in II Year II Semester.
- i. The laboratory "Scripting Languages Lab" offered in III year II semester must cover theory session for introduction of topics and covering fundamentals of scripting language pertaining to specific problems.
- j. The numbered listing of Course objectives and Course outcomes.
- k. After the deliberation on various topics, the members of BOS-ECE approved the proposals unanimously.



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l. The syllabus of all the newly proposed subjects have been included in syllabus of following years.

PE - I	Digital System Design Using FPGA	III Year, I Sem.
PE - II	Digital Image Processing	III Year, II Sem.
PE - III	Mobile Communications and Networks	IV Year, I Sem.
PE - IV	Design of Fault Tolerant Systems	IV Year, I Sem.
PE - V	Data Analytics	IV Year, II Sem.
PE - VI	Software Defined Radio	IV Year, II Sem.

m. The topic "Circular waveguides" has been included after the "Rectangular waveguides" in Unit V of subject "Electromagnetic Fields and Waves" offered in II Year II Semester.

n. An instructional note has been added in syllabus of "Scripting language Lab" offered in II year II semester to conduct theory session in every practical for introduction of topics and covering fundamentals of scripting language pertaining to specific problems.

o. In all the subjects, numbered list is used for Course objectives and Course outcomes.

6. The meeting was concluded by Vote of thanks given by the Chairman of BOS Committee.

S.No	Name of Faculty	Signature	S.No	Name of Faculty	Signature
1	Dr. P.Sekhar Babu		7	Mrs.Kruttiventi A Manjusha	
2	Prof. K.Lakshmi		8	Dr. R Murugesan	
3	Dr. D. Srinivasa Rao		9	Dr. Honey Durga Tiwari	
4	Dr. B. RajendraNaik		10	Dr. M Shoban	
5	Dr.Manjunathachari K		11	Mr. B Raju	
6	Mr. Ashish Chinthakayala		12	Mr. Rajashekar K	

7. Copies of modified Course structure and Syllabus sent

- Principal, NRCM
- BoS Members.