


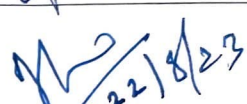


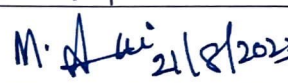

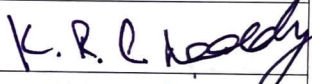
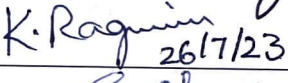
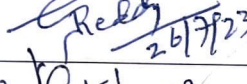

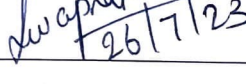

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (FOR WOMEN)

AUTONOMOUS

(Accredited by NBA of AICTE & NAAC of UGC)

Department of Electronics and Communication Engineering**Minutes of the Fourth Board of Studies Committee (for ECE) Meeting held at the Department of Electronics and Communication Engineering, GNITS (for Women):**

- The Board of Studies Committee of the ECE Department, GNITS, Hyderabad, has been instituted with effect from 24/09/2022 (for a period of 3 years), with the following members :

S.No	Name & Designation	Member Category	Signature
1.	Dr. B. Venkateshulu, Professor ECE & Dean Alumnae ,GNITS	BoS Chair	 26/7/23
2.	Dr. D.Srinivasa Rao, Professor of ECE & Director UAAC, JNTUH-CEH	University Nominee	 22/8/23
3.	Dr. P. Chandrasekhar, Professor & Former Head of ECE, OU	Subject Expert	
4.	Dr. Sachin Chaudhari, Associate Professor, SPCRC, IIITH,	Subject Expert	 26/8/23
5.	Dr. M. Asha Rani, Professor & Former Head of ECE, JNTUH	Special Invitee from JNTUH-CEH	 21/8/2023
6.	Cdr. Praveen Chandra, Director, Navstar Integrated Systems Pvt. Ltd.	Industry Member	
7.	Dr. K. Rama Linga Reddy, Professor, ETE, Dean Academics , GNITS	Member Invitee	
8.	Dr. K. Ragini, Professor & HOD ,ECE, GNITS	Internal Member	 26/7/23
9.	Prof. Ch.Ganapathi Reddy, Professor of ECE, GNITS	Internal Member	 26/7/23
10.	Dr.Renuka Devi S. M., Professor of ECE, GNITS	Internal Member	 26/7/2023
11.	Dr.Swapna Raghunath, Associate Professor of ECE, GNITS	Internal Member	 26/7/23
12.	Mrs.M.Neelima Kumari, Design Engineer-II Microchip Technology, Hyderabad	Alumnae & Industry Member	

- The **4th Board of Studies Meeting of the Department of ECE**, GNITS (UGC Autonomous), Hyderabad, has been conducted on **26/07/2023**, in ECAD lab ,ECE Department, to finalize the syllabus for the B.Tech (ECE) III and IV year of R22 Regulations

Minutes of the Fourth BoS Meeting of ECE Department:

The following are the proceedings and the associated resolutions:

- 1) Dr. B.Venkateshulu, BoS Chair, extended a cordial welcome to all the members of the BoS of ECE Department, and introduced all the BoS members.
- 2) The Minutes of the **3rd Board of Studies Meeting of the Department of ECE**, GNITS (UGC Autonomous), held during 24/9/2022 have been reconfirmed.
- 3) Approval and acceptance of the Course Structure for the B.Tech(ECE) III year and IV year (5th to 8th Semesters) was reconfirmed.
- 4) BoS Chair briefed the **stakeholders feedback report** on curriculum to the BoS members and proposed the following:
 - a. As per the feedback received from outgoing students, Programming subjects were included in the curriculum for B.Tech Program and also online courses provision were given to all Professional Electives and open electives(total PE-6, OE-3)
 - b. As per Faculty feedback, advanced subjects like LPVLSI and 5G Communication Technologies were included in the Curriculum
 - c. As per the Alumni feedback, Industry oriented subject is included in IV year 2nd semester as professional elective Static Timing Analysis and Systems Engineering in OE.
- 5) After detailed discussion and review of the stakeholder report , BoS Committee resolved to approve and accept the Course Structure, Course Contents and Syllabi for the B.Tech(ECE) III year and IV year (5th to 8th Semesters), as listed.
- 6) The BoS Members - Dr. D.Srinivasa Rao (Univ. Nominee) and Dr. M. Asha Rani, suggested minor modifications in the following Course Titles of B.Tech. ECE, which are implemented in ECE Curriculum. The modifications suggested are listed below:

Earlier	To be changed
Electronic Measurements and Instrumentation (III-I Sem)	Electronic Measuring Instruments and Sensors
Sensors and Actuators (III-II Sem)	Green communications
Microwave Engineering Lab IV-ISem)	Microwave and Optical Communications Lab,
AI & ML Lab (IV-I Sem)	Machine Learning Lab.
Green Communications(IV-IISem)	5G communication Technologies
Wireless communications (IV-ISem)	Wireless communications and Networks
Wireless communications Lab (IV-ISem)	Wireless communications and Networks Lab
FPGA Design and Architectures(IV-II Sem)	Satellite Communications and Navigation Systems

Open Electives Introduced:	III-II Sem : Principles of Communication Technologies , IV- I Sem: Sensors and Actuators, IV – II Sem :Systems Engineering ,
Seminar (IV-IISem)	Technical Seminar
Geo- graphical Information System(OE IV- I Sem	Elements of Satellite Communications

- 7) The BoS members suggested some modifications in the contents of syllabi for the following subjects:
 - a. Microprocessors and Microcontrollers
 - b. Electronic Measuring Instruments and Sensors
 - c. Internet of Things
 - d. VLSI Design
 - e. Microwave Engineering and Optical Communications
 - f. Satellite Communications and Navigation Systems
 - g. Static Timing Analysis
- 8) Resolved to approve the List of Professional Electives, Open Electives and Service Courses (for other departments) in addition to the Core Subjects and Labs, Summer Internship (for 2 Credits, after the completion of 3rd year before commencement of 4th year), Technical Seminar and B.Tech. Project specified.
- 9) BoS Committee authorized the BoS Chair to bring into effect the same in the Book of Academic Regulations, Course Structure and Syllabi, for B.Tech. (ECE), for the batches of students admitted from 2022-23 Academic Year onwards.
- 10) The BoS Committee authorized the BoS Chair, to include the required Course Numbers, and make any other minor corrections/ modifications if needed, in the final book preparation for the “Academic Regulations, Course Structure and Syllabi for the B.Tech. 4 Year Programme in ECE”, for GNITS (for Women), Hyderabad.
- 11) The BoS Committee formally authorized the BoS Chair, to suggest the Panels of Question Paper Setters, Examiners and Evaluators required for all the Subjects/Courses offered by ECE Department, and for those listed in the UG Course Structure (2022).
- 12) Chairperson informed the board that **8** new courses were **added** and **4** were **deleted** in Professional Core, Professional Elective courses in GNR 22 Regulations compared to GNR 18 Regulations.