

**G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE  
AUTONOMOUS (FOR WOMEN)  
Shaikpet, Hyderabad- 500 104**



(Accredited by NBA of AICTE & NAAC of UGC)

Department of Electronics and Telematics Engineering



**The following members attended the Fourth BoS meeting held on 27<sup>th</sup> July 2023 at 10AM.**

Name & Designation of BoS Members	Category	Signatures
1. <b>Dr.K.RamaLinga Reddy</b> Professor, ETE, Dean Academics, GNITS	- Chairman	
2. <b>Dr.D.Sreenivasa Rao</b> Professor, ECE Dept. & Director, U AAC, JNTUH	- JNTUH Nominee	
3. <b>Dr.D.Krishna Reddy</b> Professor & HOD, ECE Dept., CBIT	- Subject Expert	
4. <b>Dr.E.Sreenivasa Rao</b> Professor & HOD, ECE Dept., Vasavi College of Engineering	- Subject Expert	
5. <b>Mr. Ch.Nanda Kishore</b> Senior Manager, Signal Processing and Communication Group, Mathworks India Pvt Ltd.	- Industrialist	—
6. <b>Ms D. Sai Manogna</b> Assistant Consultant, TCS	- Alumnae	
7. <b>Dr.RajkumarL.Biradar</b> Professor, HOD, ETE, GNITS	- Internal Member	
8. <b>Mr. G.Krishna Reddy</b> Assoc Prof, ETE, GNITS	- Internal Member	
9. <b>Dr.A.Naveena</b> Asst Prof, ETE GNITS	- Internal Member	
10. <b>Dr.M.Vijaya Lakshmi</b> Asst Prof, ETE GNITS	- Internal Member	

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**Minutes of the 4<sup>th</sup> Board of Studies Committee Meeting for B.TechETE held at the Department of Electronics and Telematics Engineering department, GNITS:**

- The 4<sup>th</sup> Board of studies Committee of the ETE Department, GNITS, Hyderabad, has been instituted with effect from 24/09/2022 (for a period of 3 years), with the following members.
  1. Dr.K.RamaLinga Reddy, Professor, ETE, Dean Academics , GNITS – BoS Chairman.
  2. Dr.D.Sreenivasa Rao, Professor, ECE Dept., JNTUCE, JNTUH – External Member.
  3. Dr.D.Krishna Reddy, Professor&HOD, ECE Dept., CBIT, Hyderabad – External Member.
  4. Dr.E.Sreenivasa Rao, Professor&HOD, ECE Dept., Vasavi College of Engineering – External Member.
  5. Mr.Ch.Nanda Kishore, Senior Manager, Signal Processing and Communication Group, Mathworks India Pvt Ltd. – External Member.
  6. Ms D. Sai Manogna, Assistant Consultant, TCS – External Member.
  7. Dr.RajkumarL.Biradar Professor&HOD, ETE, GNITS, Hyderabad – Internal Member.
  8. Mr. G.KrishnaReddy ,Assoc Prof, ETE, GNITS, Hyderabad – Internal Member.
  9. Dr.A.Naveena, Asst Prof, ETE GNITS, Hyderabad – Internal Member.
  10. Dr.M.Vijaya Lakshmi, Asst Prof, ETE GNITS, Hyderabad – Internal Member.
- 3<sup>rd</sup> Meeting of the Board of Studies Committee of the B.Tech,ETE Department was held on 24-09-2022, at the ETE Department, GNITS, Hyderabad.

**Minutes of the 4<sup>th</sup> Board of Studies Meeting of B.TechETE Department:**

The 4<sup>th</sup> Board of Studies Meeting of the Department of ETE, GNITS (UGC Autonomous), Hyderabad, has been conducted on 27/07/2023, within the Department, and the following are the 'Minutes of the 4<sup>th</sup>BoS Meeting, and the associated resolutions' :

1. The Minutes of the 3<sup>rd</sup> Board of Studies Meeting of the Department of ETE, GNITS(UGC Autonomous), held during Sept 24, 2022, have been reconfirmed.
2. After detailed discussions and satisfactory deliberations, the following resolutions are considered and approved unanimously ...

- i) Resolved to approve and accept the Course Structure, Course Contents and Syllabi for the B.Tech ETE, III year and IV year (5<sup>th</sup> to 8<sup>th</sup> Semesters), as listed. The Course Structure requirements are as per the guidelines suggested by AICTE Model Curriculum of Jan. 2018 (160 Credits for B.Tech. Programme).
  - ii) Resolved to approve the Lists of Professional Electives, Open Electives and Service Courses (for other departments), in addition to the Core Subjects and Labs, Summer Internship /Mini Project (for 2 Credits) after the completion of 2<sup>nd</sup> year (before commencement of 3<sup>rd</sup> year), Seminar and B.Tech. Project as specified.
3. Professional Elective labs are included in IV Year, I-Sem for providing practical exposure to students as per their choice.
  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, Campus recruitment training is introduced in the second year.
    - b. As per Faculty feedback, the following new courses are introduced:
      - ❖ 5G Communication Technologies introduced by replacing existing 4G Technologies course as PE6 in IV year, II-Sem.
      - ❖ Fundamentals of DBMS as PE3 in III year, II-Sem.
    - c. As per the Employers feedback and considering the requirements of the current market in the IT industry, the following new courses and other changes in the curriculum were proposed :
      - ❖ Cloud Computing is introduced as a PE3 in III year, II Sem.
      - ❖ Artificial Intelligence and Machine Learning are offered in III year & IV year of the B.Tech program.
      - ❖ VLSI System Design and VLSI System Design Lab are introduced as PE4 in IV year I-Sem.
      - ❖ Object oriented programming through Java is introduced as a PE2 in III year - I Sem.
    - d. The following modifications are done for the previous structure/Syllabus as per the suggestions given by BOS members:
      - ❖ In PE1, the subject titled “Electronic Measurements and Instrumentation (EMI)” is changed to “Electronic Measuring Instruments and Sensors”. Some concepts of Sensors and Actuators are added to the EMI.
      - ❖ In PE2, the subject titled “Sensors and Actuators” is replaced with “Data Science” to inculcate latest technological aspects and by considering the stakeholders feedback.
      - ❖ In PE2, the subject titled “Introduction to AI” is changed to “Artificial Intelligence”.
      - ❖ In PE4, the subject titled “Fundamentals of Machine Learning” is changed to “Machine Learning”.

- ❖ In PE4, the subject titled “Fundamentals of Machine Learning” is changed to “Machine Learning”.
- ❖ In PE4, the subject titled “Wireless Communications” is changed to “Wireless Communications and Networks” after adding the concepts of Wireless LANs&PANs.
- ❖ In PE4, the subject titled “VLSI” is changed to “VLSI System Design”.
- ❖ In PE5, the subject titled “Fundamentals of Internet of Things” is changed to “Design for IOT”.
- ❖ In PE5, the subject titled “Digital Image Processing” is changed to “Digital Image and Video Processing” after including some concepts of Video Processing.
- ❖ In PE5, the subject titled “Adhoc Wireless Networks” is changed to “Adhoc and Wireless Sensor Networks ” after adding the concepts of Wireless Sensor Networks.
- ❖ For IV year I Sem, the titles of PC labs are changed to match with the Theory Subjects of PE4.
- ❖ In PE6, the subject titled “5G Technologies” is changed to “5G Communication Technologies”.

5.The BoS Committee accepted and approved the modified Course Structure and the Syllabi for B.Tech (ETE) 3<sup>rd</sup> and 4<sup>th</sup> Year, and authorized the BoS Chair to bring into effect the same in the Book of Academic Regulations, Course Structure and Syllabi, for B.Tech. (ETE), for the batches of students admitted from 2022-23 Academic Year onwards.

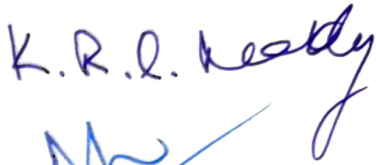


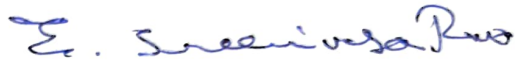





6.Decided to have three Open Elective courses with 3 credits each to get exposure in multi-disciplinary subjects.

7.The BoS Committee authorized the Head of the Department of **ETE**, to include the required Course Numbers, and make any other minor corrections/ modifications if needed, in the final book preparation for the “ Course Structure and Syllabi for the B.Tech. IVYear Programme in **ETE** ”, for GNITS (for Women), Hyderabad.

8.The BoS Committee formally authorized the BoS Chair of **ETE** Department, to suggest the Panels of Question Paper Setters, Examiners and Evaluators required for all the Subjects/Courses offered by **ETE** Department, and listed in the UG Course Structure (2022).

9.Chairperson informed the board that **14** new courses were **added** and **8** were **deleted** in Professional Core, Professional Elective courses in GNR 22 Regulations compared to GNR 18 Regulations.

**Members Present:**

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