G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(for Women)
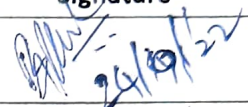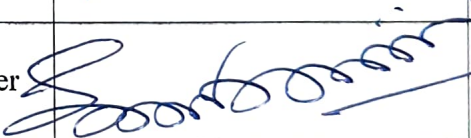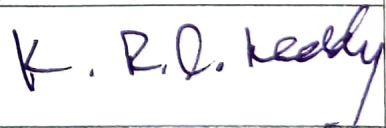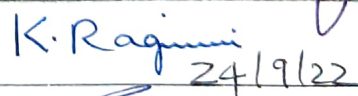
(Autonomous)
Shaikpet, HYDERABAD - 500 104, Telangana State

Minutes of the 3rd Board of Studies Meeting of ECE :: 24/09/2022

Board of Studies Meeting of the Department of ECE, was held on 24/09/22, at 10.00 am, in the Dept. of ECE, to finalize the Course Structures and Academic Regulations for B.Tech. (ECE) and M.Tech. (DECE) Programmes at GNITS (W), and the Syllabi for I & II Years of B.Tech. (ECE) and M.Tech. (DECE) - for the proposed 'R22 GNITS Regulations', to be effective from 2022-23 Academic Year, with the following Members Present :

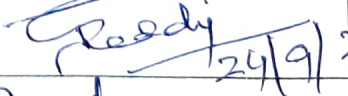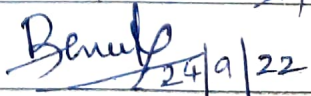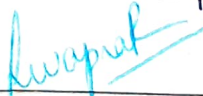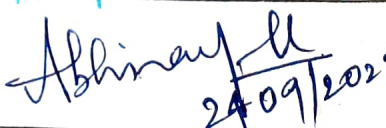| S.No	Name & Designation	Member Category	Signature
1.	Dr. B. Venkateshulu, Professor & Head, ECE ,GNITS	BoS Chair	
2.	Dr. D.Srinivasa Rao, Professor of ECE & Director UAAC, JNTUH-CEH	University Nominee	
3.	Dr. P. Chandrasekhar, Professor & Former Head of ECE, OU	Subject Expert	
4.	Dr. Sachin Chaudhari,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

Minutes of the BoS Meeting for M.Tech. (DECE) Programme under R22 Regulations at GNITS are listed below :

1) The BoS Chair, explained the Course Structure of the PG (M.Tech. - DECE) Programme, and the corresponding AICTE recommendations.

2) After lengthy deliberations and progressive discussions, all the Members of the BoS of ECE unanimously approved the following ...
   a) The Academic Regulations for M.Tech. Programme in Digital Electronics and Communication Engineering Specialization (DECE) of ECE Department (GNITS-R22 PG Academic Regulations, CBCS based), as per contents enclosed.

   b) The Two Year 4 Semester PG Degree Course Structure for M.Tech. Programme in ECE Department (DECE Specialization), with a total of 68 Credits, as per contents enclosed.

   c) The Course Contents and Syllabi of all the Courses/ Subjects of the 4 Semesters M.Tech. Degree Course in ECE (DECE), as per details enclosed.

3) Dr. M. Asha Rani, BoS Member, advised to reorder some subjects which are listed below ..

   a) System on Chip Architecture (PSE1) I Year I Sem moved to (PSE5) II Year I Sem.
   b) Embedded Networking (PSE3) I Year II Sem moved to (PSE5) II Year I Sem.
   c) Communication and Networking Technologies for IoT (PSE5) II Year I Sem moved to (PSE4) II Year I Sem.
   d) Real Time Operating Systems (PSE5) II Year I Sem moved to (PSE1) I Year I Sem.
   e) Computer Vision (PSE4) I Year II Sem is moved to (PSE3) I Year II Sem.

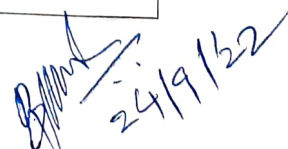   The above changes are implemented in the M.Tech DECE curriculum.

4) The BoS Members Dr. D.Srinivasa Rao (Univ. Nominee) and Dr. M. Asha Rani, suggested minor modifications in the following Subjects/ Course Titles:

S.No.	Year and Semester	Proposed Course Title	Course Title Suggested by BoS
1	I M.Tech I Sem	Wireless Communications	Advanced Wireless Communications
2	I M.Tech I Sem	Wireless Communications Lab	Advanced Wireless Communications Lab
3	I M.Tech I Sem	Advanced Digital System Design Lab	Digital System Design Lab

The above changes are implemented in the M.Tech DECE curriculum.

5) The overall variation of details of Course Structure regarding the subjects of the M.Tech. (DECE) Programme (R22 Regulations) in comparison with those of R18 Regulations, include:

Number of New Courses Introduced	Number of Courses Modified (Modified content >=20%)	Number of deleted courses
8	4	8

24/9/22

Head of Dept.,
ECE and BoS Chair