G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
AUTONOMOUS (FOR WOMEN)
(Accredited by NBA of AICTE & NAAC of UGC)
Department of Information Technology

Minutes of the Third Board of Studies Committee (for IT) Meeting held at the Department of Information Technology, GNITS (for Women):

- The Board of Studies Committee of the IT Department, GNITS, Hyderabad, has been instituted with effect from 10/08/2021 (for a period of 3 years), with the following members :

  1. Dr. I.Ravi Prakash Reddy, Professor & Head, GNITS, HYD.   - BoS Chairman
  2. Dr. G. Vijaya Kumari, Professor, CSE, JNTUH, HYD.   - University Nominee
  3. Dr.P.Krishna Reddy,Professor, IIITH, HYD.   - Subject Expert
  4. Dr. Chakravaty Bhagvati, Professor, SCIS, UOH.   - Subject Expert
  5. Dr. Raghavendra Kune, Scientist "AF", ADRIN, HYD.   - Industry Member
  6. Dr. S.Ramacharan, Professor, IT, GNITS, HYD.   - Internal Member
  7. Dr. Ch.Anitha, Professor, IT, GNITS, HYD.   - Internal Member
  8. Mr.B.V.Prasad Babu,Assoc. Professor, IT, GNITS, HYD.   - Internal Member
  9. Mr. C.Sudhakar Reddy, Assoc. Professor, IT, GNITS, HYD.   - Internal Member
  10. Dr. V. Supriya, Assoc. Professor, IT, GNITS, HYD.   - Internal Member
  11. Dr. S Prabavathy, Assoc. Professor, IT, GNITS, HYD.   - Internal Member
  12. Dr. A Vijaya Krishna, Asst. Professor, CST, GNITS, HYD.   - Internal Member
  13. Dr. Susmitha Mandal, Asst. Professor, IDRBT,HYD.   - Alumnae Member

- The Third BoS meeting of the IT Department was held on 24-09-2022, at the IT Department, CC-3 Lab, GNITS, Hyderabad.

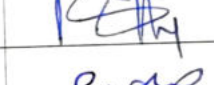## Minutes of the Third BoS Meeting of IT Department:
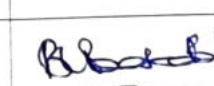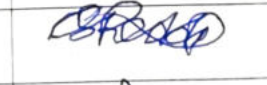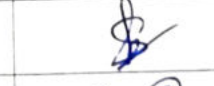
1) Dr. I.Ravi Prakash Reddy, BoS Chair, extended a cordial welcome to all the members of the BoS for IT, for the Third BoS Meeting of IT Department (after attaining the UGC Autonomous Status in April 2018), and introduced all the members.

2) After lengthy deliberations and progressive discussions, all the Members of the BoS for IT have unanimously approved the following -
   a) The Academic Regulations for B.Tech. Programme (with 160 Credits) in IT Department (GNITS-2022 UG Academic Regulations), CBCS based as per contents enclosed.
   b) The Four Year 8 Semester UG Degree Course Structure for B.Tech. Programme in IT Department, with a total of 160 Credits, as per contents enclosed.
   c) The Course Contents and Syllabi of all the Courses/Subjects of the 4 Semesters of the first TWO YEARS of B.Tech. Programme in IT, as per details enclosed.
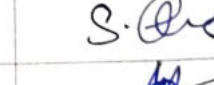
3) The BoS Committee formally authorized the BoS Chair of IT Department, to include any minor modifications or corrections needed for the UG Course Structures and Academic Regulations (2022) at later dates, if approved and recommended by the IT Department Advisory Committee.

4) All Project hours for Phase-I (offered in IV-I) and Phase-II (offered in IV-II) are changed to Practical hours.

5) As per suggestions of majority of BoS members, it was decided to include 4 options for all the Professional Electives instead of 3, and it was decided to offer "Entrepreneurship and Project Management" course in Online mode also in order to facilitate students taking up internships.

6) The BoS Committee formally authorized the BoS Chair of IT Department, to suggest the Panel of Question Paper Setters, Examiners and Evaluators required for all the Subjects/Courses offered by IT Department, and for those listed in the UG and PG Course Structures (2022).

7) The BoS Committee also approved the BoS Chair to present the details pertaining to Course Contents and Syllabi of all the Subjects/Courses related to the III and IV YEARS of B.Tech. Degree Course in IT, at the Fourth BoS Committee Meeting of the IT Department, for necessary approvals.

8) The BoS Chair informed the Committee Members that the Fourth BoS Committee Meeting of the IT Department is likely to held after one year.

Number of New Courses Introduced	Number of Courses Modified (Modified content >=20%)	Number of deleted courses
8	7	5

(wrt GNITS-IT-R18 – I&II years)

Signatures of the Members Present:

S.No.	Name & Designation	Member Category	Signature
1.	Dr. I.Ravi Prakash Reddy, Professor & Head, IT, GNITS, HYD.	BoS Chair	
2.	Dr. G Vijaya Kumari, Professor, CSE, JNTUH, HYD.	University Nominee	
3.	Dr.P.Krishna Reddy, Professor, IIITH, HYD.	Subject Expert	
4.	Dr. Chakravaty Bhagvati, Professor, SCIS, UOH.	Subject Expert	
5.	Dr. Raghavendra Kune, Scientist "SE", ADRIN, HYD.	Industry Member	
6.	Dr. S.RamaCharan, Professor, IT, GNITS, HYD.	Internal Member	
7.	Dr. Ch.Anitha, Professor, IT, GNITS, HYD.	Internal Member	
8.	Mr.B.V.Prasad Babu, Assoc. Professor, IT, GNITS, HYD.	Internal Member	
9.	Mr. C.Sudhakar Reddy, Assoc. Professor, IT, GNITS, HYD.	Internal Member	
10.	Dr. V. Supriya, Assoc. Professor, IT, GNITS, HYD.	Internal Member	
11.	Dr. S Prabavathy, Assoc. Professor, IT, GNITS, HYD.	Internal Member	
12.	Dr. A Vijaya Krishna. Asst. Professor, CST, GNITS, HYD.	Internal Member	
13.	Dr. Susmitha Mandal, Asst. Professor, IDRBT, HYD.	Alumnae Member	

Department of Information Technology

S. No.	Broad Course Classification	Course Group/ Category	AICTE Category wise Percentage of Credits	Range of Credits			
				AICTE		GNR-22 CSE	
				Credits	Percentage	Credits	Percentage
1)	Foundation Courses (FnC)	BS – Basic Sciences	15% - 20%	24	15%	22.5	14.06%
2)		HS – Humanities and Social Sciences	5% - 10%	12	7.5%	12	7.5%
3)		ES - Engineering Sciences	15% - 20%	29	18.21%	15	15.625%
4)	Core Courses (CoC)	PC – Professional Core	30% - 40%	49	30.62%	54.5	34%
		Project Work, Industrial Training / Mini-Project, Seminar	10% - 15%	15	9.3%	19	11.87%
5)	Elective Courses (ElC)	PE – Professional Electives	10% - 15%	18	11.25%	18	11.25%
6)		OE – Open Electives	5% - 10%	12	7.5%	9	5.62%
	Total Credits for UGP (B. Tech.) Programme			160		160	

B.Tech (IT)

Syllabus Comparison GNITS-R22 with GNR-18

I & II Years

Number of New Courses Introduced	Number of Courses Modified (Modified content >=20%)	Number of deleted courses
8	7	5

List of New Courses: I & II Years

S. No	Subject Name	Course Code	Year and Sem
1	Design Thinking		I Year –I Sem
2	Data Structures		I Year –IISem
3	Data Structures Lab		I Year –II Sem
4	Python Programming		II Year – I Sem
5	Python Programming Lab		II Year – I Sem
6	Constitution of India		II Year – I Sem
7	Real Time Project(Mini Project-1)		II Year – II Sem
8	Human Values and Professional Ethics		II Year – II Sem

List of Modified Courses (Modified content >=20%)

S.No	Subject Name	Year and Sem
1	Applied Physics	I Year –II Sem
2	Applied Chemistry	I Year –II Sem
3	Applied Physics Lab	I Year –II Sem
4	Applied Chemistry Lab	I Year –II Sem
5	Engineering Graphics	I Year –I Sem
6	Environmental Science and Technology	I Year –I Sem
7	Software Engineering and Microprocessor Lab	II Year – II Sem

List of deleted courses

S.No	Subject Name	Year and Sem
1	Games and Sports	I Year –I Sem
2	Computational Mathematics Lab	I Year –II Sem
3	National Service Scheme	I Year –II Sem
4	Engineering Mechanics	II Year –I Sem
5	Operating Systems Lab	II Year –II Sem

BoS Chair