Minutes of the Second Board of Studies Meeting of the Dept. of CSE(AI&ML), GNITS, HYDERABAD

The **2nd Board of Studies Meeting of the Department of CSE(AI&ML)**, GNITS (UGC Autonomous), Hyderabad, has been conducted on **25/8/2021**, in the Department, and the following are the 'Minutes of the 2nd BoS Meeting, and the associated resolutions' :

1) The Minutes of the **1st Board of Studies Meeting of the Department of CSE(AI&ML)**, GNITS (UGC Autonomous), Hyderabad, held on **November 13, 2020,** in online mode 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 Computer Science & Engineering **CSE(AI&ML)** III year and IV year (5th to 8th Semesters), as listed. The Course Structure requirements are as per the guidelines suggested by AICTE Model Curriculum of January 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 (for 2 Credits) after the completion of 3rd year (before commencement of 4th year), Seminar and B.Tech. Project as specified for B.Tech. CSE(AI&ML), for the batches of students admitted from 2020-21 Academic Year onwards.

3) The BoS Committee authorized the Head of the Department of **CSE/CSE(AI&ML)**, 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 **CSE (AI&ML)**", for GNITS (for Women), Hyderabad.

   - As per the industry requirements, python **programming** need to be added in the curriculum.
   - In view of the suggestions from Industry/Alumni in order to accommodate specialization courses **14** new courses are added, **02** modified (more than 20%) and **09** courses are deleted. The list is attached.

4) The BoS Committee formally authorized the BoS Chair of **CSE/CSE(AI&ML)** Department, to suggest the Panels of Question Paper Setters, Examiners and Evaluators required for all the Subjects/Courses offered by **CSE(AI&ML)** Department, and listed in the UG and PG Course Structures (2020).

Signatures of the Members Present :

S.No.	Name & Designation	Member Category	Signature
1.	Dr. M. Seetha, Professor & Head, CSE, GNITS	BoS Chairman	
2.	Dr.K.Kamakshi Prasad Professor of CSE, JNTUCEH,HYD	JNTUH Nominee	25/8/24
3.	Dr. Chakravarthy Bhagavathi Professor, CIS Dept, University of Hyderabad,HYD.	External Member	
4.	Dr. Y. Rama Devi, Professor & Head, CSE, CBIT	External Member	
5.	Mr. P Mohan, Senior Data Scientist, Independent Consultant for Data Science, Tech Mahindra ,Hyderabad	Industry Member	
6.	S.S.S.Lakshmi Devi, IT Analyst, Tata Consultancy Services,Hyderabad	Alumnae Member	
7.	Dr. K. Venugopala Rao, Professor, CSE GNITS, HYD.	Internal Member	
8.	Dr. N. Kalyani, Professor, Dept of CSE, GNITS .	Internal Member	
9.	Dr. A. Sharada, Professor, Dept of CSE, GNITS	Internal Member	
10.	Mrs. Jayashree S Patil, Associate Professor, Dept of CSE, GNITS	Internal Member	
11.	Dr Raghavender K V , Associate Professor, Dept of CSE, GNITS	Internal Member	
12.	Dr.D.V. Lalita Parameswari , Sr .Assistant Professor, Dept of CSE, GNITS	Internal Member	
13.	Dr. G. Malini Devi, Assistant Professor, Dept of CSE, GNITS	Internal Member	
14.	Dr.O.Obulesu,Associate .Professor. Dept of CSE(Data Science), GNITS	Internal Member	25/8/24
15.	Dr. B Shashidhar , Assistant Professor, Dept of CSE (AI and ML), GNITS	Internal Member	

Head of CSE Department and BoS Chair

G. Narayanamma Institute of Technology & Science (For Women)
(Autonomous)
CSE (Artificial Intelligence & Machine Learning)

In comparism with CSE GNR-18 syllabus following are the courses identified to be added , modified and deleted for the CSM specialization program.

New Subjects from GNR-18(CSE) to GNR-18(CSM) regulations

S. No	Name of the Course	Course Code	Year/Semester	Justification
1	IT Workshop and Python Programming Lab	ES11370	II-I	Pre-requiste for specialisation
2	Data Visualization	PC115PJ	III-I	To enhance the knowledge in specialisation with more real time problems
3	**Professional Elective-1**		III-I	
	Automata and Compiler Design	PE115CR		Introduced due to its importance as elective
4	Data Visualization Lab	PC11534	III-I	To enhance the knowledge in specialisation with more real time problems
5	Data Mining and Predictive Analytics	PC116PG	III-II	To enhance the knowledge in specialisation
6	**Professional Elective -2**		III-II	
	Computer Vision and Pattern Recognition	PE116PF		To enhance the depth knowledge in specialisation
7	Machine Learning and Predictive Analytics Lab	PC11681	III-II	To enhance the knowledge in specialisation
8	**Professional Elective -2 Lab**		III-II	
	Computer Vision and Pattern Recognition Lab	PE11664		Lab is added as it has several applications
9	Neural Networks and Deep Learning	PC11782	IV-I	To enhance the knowledge in specialisation
10	**Professional Elective – 3**		IV-I	
	Fuzzy Logic and Applications	PE117PM		To enhance the depth knowledge in specialisation
11	**Professional Elective – 4**		IV-I	
	Speech and Natural Language Processing	PE117PE		To enhance the depth knowledge in specialisation
12	Neural Networks and Deep Learning Lab	PC11782	IV-I	To enhance the knowledge in specialisation
13	**Professional Elective – 5**		IV-II	
	Digital Forensics	PE118PN		To enhance the knowledge of Digital Forensics
14	**Professional Elective – 6**		IV-II	
	Augmented and Virtual Reality	PE118PA		To enhance the knowledge in Virtual Reality

Modified Subjects from GNR-18(CSE) to GNR-18(CSM) regulations

S.No	Course Name	Course Code	Year/Semester	Justification
1	Data Stuctures using C	PC113NA	II - I	Modified with respect to C
2	Data Stuctures using C Lab	PC11372	II - I	Modified with respect to C

Deleted Subjects from GNR-18(CSE) to GNR-18(CSM) regulations
B.Tech(CSM)

S.No	Course Name	Course Code	Year/Semester	Justification
1	Engineering Mechanics	ES113AP	II -I	Decrease in percentage of Engineering Science courses to accommodate program specific course
2	**Professional Elective-1**		III - I	
	Advanced Computer Architecture	PE115BQ		To accommodate program specific course
	Computer Graphics	PE115BT		To accommodate program specific course
3	Formal Languages and Automata Theory	PC116CX	III -II	Reframed into new course as Automata and Compiler design
4	**Professional Elective-2**		III -II	
	Image Processing	PE116DA		To accommodate program specific course
5	**Professional Elective-2 Lab**		III -II	
	Image Processing Lab	PE11646		To accommodate program specific course this lab is deleted
6	Compiler Design	PC117DQ	IV - I	Reframed into new course as Automata and Compiler design
7	**Professional Elective-3**		IV - I	
	Soft Computing	PE117EQ		To accamodate program specific course
8	Compiler Design Lab	PC11756		To accommodate program specific course this lab is deleted
9	**Professional Elective-6**			
	Graph Theory	PE118FM		To accommodate program specific course
	Adhoc and Sensor Networks	PE118EX		To accommodate program specific course

Dr.M.Seetha
Head & Professor,CSE