

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE  
(For Women)

AUTONOMOUS  
Shaikpet, Hyderabad  
Department of CSE

Minutes of the Board of Studies Meeting of the Department of CSE,  
GNITS, HYDERABAD.

The 2<sup>nd</sup> Board of Studies Meeting of the Department of CSE, GNITS (UGC Autonomous), Hyderabad, has been conducted on 30/3/2019, within the Department, and the following are the 'Minutes of the 2<sup>nd</sup> BoS Meeting, and the associated resolutions' :

- 1) The Minutes of the 1<sup>st</sup> Board of Studies Meeting of the Department of CSE, GNITS (UGC Autonomous), held during May 14 - 15, 2018, at GNITS, Hyderabad, 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. 3<sup>rd</sup> year and 4<sup>th</sup> 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 (for 2 Credits) after the completion of 3<sup>rd</sup> year (before commencement of 4<sup>th</sup> year), Seminar and B.Tech. Project as specified.
- 3) In view of AICTE/UGC suggestions and guidelines, it is resolved to recommend the inclusion of "INTERNSHIP" for B.Tech. (CSE) Programme students, in the 8<sup>th</sup> Semester (4<sup>th</sup> Year 2<sup>nd</sup> Semester), for One Semester Duration, in addition to the B.Tech. Project requirements already specified, with the following notes ...
  - i. The internship will be "Industry Internship", and is exclusively meant for all those students who have been considered eligible and selected accordingly by the Industry. Based on such selection letters by the Industry, approvals will be given to individual students by the Head of Department and the Principal of the Institution to carry out the Industry Internship for One Semester. The

*[Handwritten signatures and initials]*

Internship Performance will be evaluated by the Supervisor/Advisor/Guide from the Industry for 100 marks (there will not be any Internals/Sessionals from the department side), and a Certificate is to be issued to that effect from the Industry. The Internship will carry a weightage of 3 Credits, and all students who undergo Internship Programme are exempted from the prescribed Open Elective Course of B.Tech. (CSE) – 4<sup>th</sup> Year 2<sup>nd</sup> Semester (which is also for 3 Credits).

ii. If any student fails to complete this Internship Programme due to any reason whatsoever, or fails to secure at least 50% marks in their Internship Performance Evaluation, she would have to register for the previously exempted Open Elective Course of 4<sup>th</sup> Year 2<sup>nd</sup> Semester, in the next subsequent semester(s), as a 'supplementary candidate', and complete all the academic requirements as needed.

iii. Because of the mandatory physical presence of the student required at the Industry during the Internship Period, provision is made to the effect that 'students on Industry Internship may be permitted to choose ONE ON-LINE Course (of NPTEL/MOOCs level - for 3 Credit Weightage), in place of the existing Professional Elective Course (Professional Elective – 6) of 4<sup>th</sup> Year 2<sup>nd</sup> Semester of the B.Tech. (CSE) Programme, preferably in the same domain specialization, subject to acceptance and approval by the Head of Department of CSE'. In such cases, the student's performance evaluation will be as per the ON-LINE Course evaluation format. If any student fails to get the required Grade/Marks in their ON-LINE Course evaluations, she would have to repeat the same ON-LINE Course again (as and when offered) and complete it successfully, to meet all the academic requirements.

iv. The BoS Committee accepted and approved to include all the modifications arising from the inclusion of "Internship" Activity for the B.Tech. (CSE) 4<sup>th</sup> Year 2<sup>nd</sup> Semester Students, and authorized the BoS Chair to effect the same into the Book of Academic Regulations, Course Structure and Syllabi, for B.Tech. (CSE), for the batches of students admitted from 2018-19 Academic Year onwards.

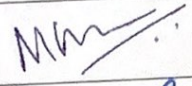
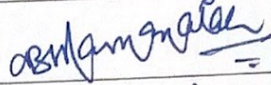
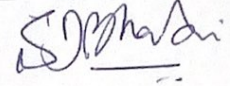
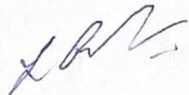
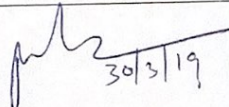
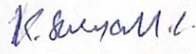
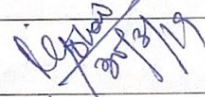
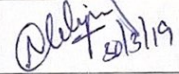
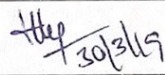
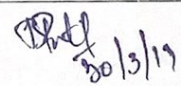
4) The BoS Committee authorized the Head of the Department of CSE, to include the required Course Numbers, and make any other minor corrections/modifications if needed, in the final book preparation for the "Academic Regulations, Course Structure and Syllabi for the B.Tech. 4 Year Programme in CSE", for GNITS (for Women), Hyderabad.

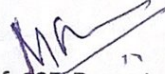
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- 5) 'Digital Electronics' in 2 year 1 semester can be renamed as 'Digital Logic Design' as per the requirements of Department of CSE.
- 6) To provide lab for Professional Electives in 3 Year, 2 Semester.
- 7) Exploration of alternative tools for 'Data Mining Lab' in addition to WEKA is suggested.
- 8) Open Electives offered by CSE department have been approved.

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Ayan  
20/3/13 @Ulyp  
HGP  
S. Thakur

Signatures of the Members Present:

S.No.	Name & Designation	Member Category	Signature
1	Dr. M. Seetha, Professor & Head, CSE, GNITS	BoS Chair	
2	Prof. O. B. V. Ramanaiah, Professor, CSE, JNTUH	University Nominee	
3	Dr. S. Durga Bhavani, Associate Professor, SCIS, University of Hyderabad	External Member	
4	Prof. Ramesh Loganathan, Professor of Practice, Co-innovations, International Institute of Information Technology, Gachibowli, Hyderabad	External Member	
5	Mr. P. Mohan, Senior Data Scientist, Independent Consultant for Data Science, Tech Mahindra.	External Member	 30/3/19
6	Ms. Kuchibhotla Suryamuki, Research Assistant, IIT, Hyderabad	External Member	
7	Dr. K. Venugopala Rao, Professor, Dept of CSE, GNITS	Internal Member	 30/3/19
8	Dr. N. Kalyani, Professor, Dept of CSE, GNITS	Internal Member	 30/3/19
9	Dr. A. Sharada, Professor, Dept of CSE, GNITS	Internal Member	 30/3/19
10	Mrs. Jayashree S Patil, Associate Professor, Dept of CSE, GNITS	Internal Member	 30/3/19

  
Head of CSE Department  
and BoS Chair

**G. Narayanamma Institute of Technology & Science (For Women)**  
**(Autonomous)**  
**New Courses - R18**

**B.Tech Computer Science and Engineering:**

**B.Tech Computer Science and Engineering**

S. No	Name of the Course	Course Code	Year/ Semester	Justification
1	Professional Elective-1(Software Engineering)	PE115CK	III-I	Industry requirement
2	Open Elective-1(Introduction to Data Analytics) (Disaster Management)	OE115KF, OE115KH	III-I	Socitel need
3	Professional Elective-2(Machine Learning)	PE116DD	III-II	Industry requirement
4	Open Elective-2(Behavioral Skills and Professional Ethics)	OE116KP	III-II	Developing culture and Ethics
5	Web Technologies and Data Mining Lab	PC11655	III-II	PO/PSO attainment
6	Professional Elective-2 Lab(Machine Learning)	PE11648	III-II	PO/PSO attainment
7	Entrepreneurship and Project Management	HS117DZ	IV-I	Socitel need
8	Compiler Design Lab	PC11756	IV-I	PO/PSO attainment
9	Professional Elective-3(Artificial Intelligence)	PE117DN	IV-I	Industry requirement
10	Professional Elective-4(Cloud Computing)	PE117DP	IV-I	Industry requirement
11	Project Phase- I	PW11761	IV-I	Industry requirement
12	Professional Elective-5(Data Science using R)	PE118FG	IV-II	Industry Requirement
13	Professional Elective-6(Ad hoc and Sensor Networks)	PE118EX	IV-II	Industry Requirement
14	Open Elective-4(Marketing Management)	OE118MB	IV-II	Socitel need

*M. Sreetha*  
**HOD CSE**