SREE VAHINI INSTITUTE OF SCIENCE AND TECHNOLOGY

(Autonomous)

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Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada
Sai Vahini Nagar, Tiruvuru, NTR Dist., A.P. - 521 235
Email: cschod@sreevahini.edu.in | Phone: 08673-253199

DEPARTMENT OF CSE- DATA SCIENCE

MINUTES OF THE 1st BOS MEETING (ONLINE)

Date: 19-06-2026 @ 10:00 AM

Board of Studies (BoS) Members Present

S.No	Name of the Member	Designation	signature
1	Mrs. K. Durga Chaitanya	Chair Person	
2	Dr. A. Krishna Mohan	University Nominee	Present(online)
3	Dr. M. Balaji	Subject Expert	Present(online)
4	Dr. R. B. V. Subramanyam	Subject Expert	Present(online)
5	Mr. D.Rama Rao	Member (Industrialist)	Present(online)
6	R.Ramya Sri	Member (Alumni)	Present(online)
7	Mrs. P. Indraja	Internal Member	
8	Ms. M. Bindu	Internal Member	
9	Mr. Tummala Ashok	Internal Member	
10	Mr. Tungala Kali Krishna Vara Prasad	Internal Member	

Mrs. K. Durga Chaitanya, Assistant Professor & Head of the Department, CSE DS, Sree Vahini Institute of Science and Technology chaired the meeting. She expressed her sincere thanks to all the external members for their consent to be on the Board of Studies of the department and their valuable suggestions for improvement. She extended a warm and hearty welcome to all the Hon'ble members of the Board of Studies. She presented the credentials of the college and agenda of the meeting, acknowledging all members for their valuable suggestions, advice, guidelines, and concern towards the overall development of the department.

Proceedings of the Board of Studies Meeting

Agenda 1: Discussion and Approval of Syllabi of B.Tech CSE & CSE (Data Science) - I & II Semesters and M.Tech CSE

The BoS Chair Person presented the details related to the course structure and syllabus. Decision: Noted and approved the course structure, syllabus, and Course Outcome (CO) specifications.

• B.Tech CSE & CSE (DS) (I & II Semesters): Approved with minor modifications in syllabus contents and Course Outcomes.

• M.Tech CSE Course Structure: Updated the curriculum by including the new syllabus recently designed for JNTUK UCEK(A).

Agenda 2: Implementation of Teaching Learning Process

The BoS Members appreciated the department faculty for effectively utilizing ICT facilities in the implementation of the Teaching Learning Process. Decision: Noted and appreciated the faculty for successfully completing NPTEL courses in emerging areas.

Agenda 3: Information on Proposed Calendar of Events for A.Y. 2026-27

The BoS Chair Person informed the members about the proposed calendar of events organized for students for the Academic Year 2026-27.

Detailed Suggestions Given by the BoS Members Dr.

R. B. V. Subramanyam (External Member)

- Suggested modifying verbs in a few Course Outcomes to use 'develop' instead of 'implement' and 'devise'.
- Incorporate a detailed syllabus covering String Processing in the Programming course during the first semester.
- Include the Forouzan textbook as a prescribed textbook for the Programming course and move the current list of textbooks to the references section.
- Merge Units 1 to 4 and re-distribute them into the first three units. Unit 4 should cover the

Introduction to Trees, Binary Trees, BST, AVL Trees, Heap Trees, and Heap Sort.

- Unit 5 should focus on the Introduction to Graphs, Graph Traversals, Topological Sort, Biconnected Components, and Hashing.
- Make lab tasks generic rather than specific across all laboratories (C Programming, Data Structures, and IT Workshop).
- Update the M.Tech syllabus in alignment with the recent updates in UCEK.

Dr. A. Krishna Mohan (University Nominee)

- Cross-check the marks allocation for Continuous Internal Assessment (CIA) and Semester End Examinations (SEE) for Audit courses.
- Suggested including the M.Tech CSE curriculum with R26 regulations.
- Prepare the overall Course Structure strictly in line with APSCHE guidelines.
- Expand the topic detail for 'File operations' in the 'Introduction to Programming' course.

Dr. M. Balaji (External Member)

- Improve and align the skill set of students to match modern industry demands and needs.
- Suggested optimizing the 'Introduction to Programming' course core concepts.

Mr. D. Rama Rao (Member - Industrialist)

- Emphasized the addition of project-based industry skill training modules.
- Suggested highlighting real-world agile methodology exposures inside advanced labs.

R. Ramya Sri (Member - Alumni)

- Suggested including practical interview-readiness code blocks in structure reviews.

B. Tech– IV Year II Semester

S.No.	Category	Title	L	T	P	Credits
1	Internship / Project Work	Full semester Internship / Project Work	0	0	24	12

Note : Student need to do at least ONE MOOC Course (3 credits out of 160 credits) to meet the mandatory requirement (11th criteria, as per R23 Regulations)

Open Electives, offered to other department students:

Open Elective I : Operating Systems / Computer Organization and Architecture
Open Elective II : Database Management Systems
Open Elective III : Object Oriented Programming Through Java
Open Elective IV : Computer Networks / Software Engineering / IOT Based Smart Systems /Quantum Science and Technology

Minor Engineering

Note:

1. *To obtain Minor Engineering, student needs to obtain 18 credits by successfully completing any of the following courses in the concern stream.*
2. *During Minor/Honors Course selection, there should not be any overlapping with Regular/Major/OPEN Electives*

Minor in Data Science

1. Introduction to Data Science 3-0-3-4.5 (II-II)
2. Introduction to Database Systems 3-0-0-3 (III-I)
3. Data Engineering 3-0-3-4.5 (III-II)
4. ~~Deep~~ Machine Learning 3-0-0-3 (IV-I)

Any of the following 12 Week 3 credit NPTEL MOOC Courses

5. Operating Systems
6. Artificial Intelligence: Knowledge Representation and Reasoning
7. Computer Networks and Internet Protocol
8. Fundamentals of Object Oriented Programming
9. Discrete Mathematics for CS
10. Software Engineering
11. Deep Learning & Machine Learning

Honors:

Agentic AI
Quantum Machine Learning
Real Time Data Processing

22/6/26
HOD OF CSE-DS

B. Tech – IV Year I Semester

S.No.	Category	Title	L	T	P	C
1	Professional Core	Big Data Analytics	3	0	0	3
2	Management Course- II	Human Resource & Project Management	2	0	0	2
3	Professiona l Elective- IV	1. Software Architecture & Design Patterns 2. Block chain Technology 3. DevOps 4. Natural Language Processing 5. Any of the 12-Week SWAYAM /NPTEL Course suggested by the BoS	3	0	0	3
4	Professiona l Elective- V	1. Agile Methodologies 2. Expert Systems 3. Reinforcement Learning 4. High Performance Computing 5. Any of the 12-Week SWAYAM /NPTEL Course suggested by the BoS	3	0	0	3
5	Open Elective-III	1. Object oriented Programming Through Java	3	0	0	3
6	Open Elective-IV	1. Computer Networks 2. Software Engineering 3. IOT Based smart Systems 4. Quantum Science and Technology	3	0	0	3
7	Skill Enhancement Course	Full Stack Development -2 SWAYAM Plus - Certificate Course on Data Analytics	0	1	2	2
8	Audit Course	Constitution of India	2	0	0	-
9	Evaluation of Industry Internship / Mini Project		-	-	-	2
	Total		**19**	**01**	**02**	**21**
MC	Student may select from the minors pool		3	0	0	3
HC	Student may select from the honors pool		3	0	0	3
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CONSTITUTION OF BOARD OF STUDIES (BOS)

Department: CSE - Data Science

The following table explicitly delineates the restructured roster for the Board of Studies (BOS) composition governing the CSE-DS discipline:

S. No.	Name & Designation	Qualification	Address / Affiliation	Position in BOS
1	**Mrs. K. Durga Chaitanya** *Assistant Professor & HOD*	M.Tech (Ph.D)	SVIST, Tiruvuru	Chair Person
2	**Dr. A. Krishna Mohan** *Professor*	Ph.D	Dept. of CSE UCEK, JNTUK, Kakinada	University Nominee
3	**Dr. M. Balaji** *Professor of CSE, Dean-Collaborations & Outreach*	Ph.D	SR University, Warangal	External Member
4	**Dr. R. B. V. Subramanyam** *Professor (HAG)*	Ph.D	NIT, Warangal	External Member
5	**Mr. D. Rama Rao** *Senior IT Professional*	M.Tech	Senior IT Professional	Member (Industrialist)
6	**R. Ramya Sri** *Associate System Engineer*	B.Tech	Associate System Engineer,	Member (Alumni)
7	**Mrs. P. Indraja** *Assistant Professor*	M.Tech	Sree Vahini Institute of Science and Technology, Tiruvuru	Internal Member
8	**Ms. M. Bindu** *Assistant Professor*	M.Tech	Sree Vahini Institute of Science and Technology, Tiruvuru	Internal Member

9	**Mr. Tummala Ashok** *Assistant Professor*	M.Tech	Sree Vahini Institute of Science and Technology, Tiruvuru	Internal Member
10	**Mr. Tungala Kali Krishna Vara Prasad** *Assistant Professor*	M.Tech	Sree Vahini Institute of Science and Technology, Tiruvuru	Internal Member