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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&ML)**  
**MINUTES OF THE 3<sup>rd</sup> BOS MEETING (ONLINE)**  
**Date: 26-06-2026 @ 2:00 PM**

**Board of Studies (BoS) Members Present**

| S. No. | Nam & Designation                                                        | Qualification | Address/Affiliation                                       | Position in BOS        | Signature |
|--------|--------------------------------------------------------------------------|---------------|-----------------------------------------------------------|------------------------|-----------|
| 1      | <b>Dr. Seva Sreedhar Babu</b><br>Professor                               | Ph.D          | SVIST, Tiruvuru                                           | Chair Person           |           |
| 2      | <b>Dr. O. Srinivasa Rao</b><br>Professor                                 | Ph.D          | Dept. of CSE, UCEK, JNTUK, Kakinada                       | University Nominee     | ON LINE   |
| 3      | <b>Dr. E. Suresh Babu</b><br>Assoc. Professor of CSE,                    | Ph.D          | <b>NIT, Warangal</b>                                      | External Member        | ON LINE   |
| 4      | <b>Dr. T. Venkata Narayana Rao</b><br>Professor and HOD CSE-AIML and IOT | Ph.D          | SNIST university, Hyd                                     | External Member        | ON LINE   |
| 5      | <b>Mr. Ketan Deshpande</b><br>Software Development Manager               | M.Tech        | Senior IT Professional, Amazon                            | Member (Industrialist) | ON LINE   |
| 6      | <b>Mr. T. Gowtham kumar</b><br>Senior Architect                          | B.Tech        | Persistence systems                                       | Member (Alumni)        | ON LINE   |
| 7      | <b>Mr. D. Balarama Krishna</b><br>Assoc. Professor                       | M.Tech (Ph.D) | Sree Vahini Institute of Science and Technology, Tiruvuru | Internal Member        |           |
| 8      | <b>Mr. N. Prabhu Kumar</b><br>Assistant Professor                        | M.Tech        | Sree Vahini Institute of Science and Technology, Tiruvuru | Internal Member        |           |



|    |                                                  |              |                                                           |                 |                       |
|----|--------------------------------------------------|--------------|-----------------------------------------------------------|-----------------|-----------------------|
| 9  | <b>Mrs.G.Sandhya Rani</b><br>Assistant Professor | M.Tech(Ph.D) | Sree Vahini Institute of Science and Technology, Tiruvuru | Internal Member | <i>G.Sandhya Rani</i> |
| 10 | <b>Mr.K.Kishore Babu</b><br>Assistant Professor  | M.Tech       | Sree Vahini Institute of Science and Technology, Tiruvuru | Internal Member | <i>K.Kishore Babu</i> |

Dr. S. Sreedhar Babu, Professor, CSE AI&ML, Sree Vahini Institute of Science and Technology chaired the meeting. He expressed his 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. He 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

#### Agenda1: Discussion and Approval of III B.Tech CSE (AI&ML), IV B.Tech (AI&ML)B –I Semester

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.

- III B.Tech CSE AI&ML), IV B.Tech (AI&ML) (I&II Semesters): Approved with minor modifications in syllabus contents and Course Outcomes.

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**B. TECH CSE (AI & ML) COURSE STRUCTURE**

A.Y: 2026-27

**B.Tech. – III Year I Semester**

| S.No. | Category                                                               | Title                                                                                                                                                      | L  | T | P  | C   |
|-------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|----|-----|
| 1     | Professional Core                                                      | Information Retrieval Systems                                                                                                                              | 3  | 0 | 0  | 3   |
| 2     | Professional Core                                                      | Computer Networks                                                                                                                                          | 3  | 0 | 0  | 3   |
| 3     | Professional Core                                                      | Operating Systems                                                                                                                                          | 3  | 0 | 0  | 3   |
| 4     | Professional Elective-I                                                | 1. Software Engineering<br>2. Cloud Computing<br>3. Internet of Things<br>4. Exploratory Data Analysis with Python<br>5. Automata Theory & Compiler Design | 3  | 0 | 0  | 3   |
| 5     | Open Elective- I                                                       | 1. Operating Systems<br>2. Computer Organization and Architecture                                                                                          | 3  | 0 | 0  | 3   |
| 6     | Professional Core                                                      | Information Retrieval Lab                                                                                                                                  | 0  | 0 | 3  | 1.5 |
| 7     | Professional Core                                                      | Computer Networks Lab                                                                                                                                      | 0  | 0 | 3  | 1.5 |
| 8     | Skill Enhancement course                                               | Full Stack Development -2 /SWAYAM Plus-Data Engineer/AI Engineer/                                                                                          | 0  | 1 | 2  | 2   |
| 9     | ES                                                                     | User Interface Design using Flutter                                                                                                                        | 0  | 0 | 2  | 1   |
| 10    | Evaluation of Community Service Project Internship                     |                                                                                                                                                            | -  | - | -  | 2   |
| Total |                                                                        |                                                                                                                                                            | 15 | 1 | 10 | 23  |
| MC    | Student may select from the Same Minor Pool                            |                                                                                                                                                            | 3  | 0 | 3  | 4.5 |
| MC    | Minor Course through SWAYAM / NPTEL (Minimum 12 Week, 3 credit course) |                                                                                                                                                            | 3  | 0 | 0  | 3   |
| HC    | Student may select from the Same Honors Pool                           |                                                                                                                                                            | 3  | 0 | 0  | 3   |
| HC    | Student may select from the Same Honors Pool                           |                                                                                                                                                            | 3  | 0 | 0  | 3   |

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**B. TECH CSE (AI & ML) COURSE STRUCTURE****A.Y: 2026-27****B. Tech.– III Year II Semester**

| S.No.                                                                                    | Category                                                                | Title                                                                                                                                                                             | L         | T        | P        | C         |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|----------|-----------|
| 1                                                                                        | Professional Core                                                       | Natural Language Processing                                                                                                                                                       | 3         | 0        | 0        | 3         |
| 2                                                                                        | Professional Core                                                       | Deep Learning                                                                                                                                                                     | 3         | 0        | 0        | 3         |
| 3                                                                                        | Professional Core                                                       | Data Visualization                                                                                                                                                                | 3         | 0        | 0        | 3         |
| 4                                                                                        | Professional Elective-II                                                | 1. Software Testing Methodologies<br>2. Cryptography & Network Security<br>3. DevOps<br>4. Recommender Systems<br>5. Any of the 12-Week SWAYAM /NPTEL Course suggested by the BoS | 3         | 0        | 0        | 3         |
| 5                                                                                        | Professional Elective-III                                               | 1. Software Project Management<br>2. Mobile Adhoc Networks<br>3. Computer Vision<br>4. NoSQL Databases<br>5. Any of the 12-Week SWAYAM /NPTEL Course suggested by the BoS         | 3         | 0        | 0        | 3         |
| 6                                                                                        | Open Elective - II                                                      | Database Management Systems                                                                                                                                                       | 3         | 0        | 0        | 3         |
| 7                                                                                        | Professional Core                                                       | Deep Learning Lab                                                                                                                                                                 | 0         | 0        | 3        | 1.5       |
| 8                                                                                        | Professional Core                                                       | Data Visualization Lab                                                                                                                                                            | 0         | 0        | 3        | 1.5       |
| 9                                                                                        | Skill Enhancement course                                                | Soft skills                                                                                                                                                                       | 0         | 1        | 2        | 2         |
| 10                                                                                       | Audit Course                                                            | Technical Paper Writing & IPR                                                                                                                                                     | 2         | 0        | 0        | -         |
| <b>Total</b>                                                                             |                                                                         |                                                                                                                                                                                   | <b>20</b> | <b>1</b> | <b>8</b> | <b>23</b> |
| Mandatory Industry Internship / Mini Project of 08 weeks duration during summer vacation |                                                                         |                                                                                                                                                                                   |           |          |          |           |
| MC                                                                                       | Student may select from the same minor pool                             |                                                                                                                                                                                   | 3         | 0        | 3        | 4.5       |
| MC                                                                                       | Minor Course (Student may select from the same specialized minors pool) |                                                                                                                                                                                   | 3         | 0        | 0        | 3         |
| HC                                                                                       | Student may select from the same honor's pool                           |                                                                                                                                                                                   | 3         | 0        | 0        | 3         |
| HC                                                                                       | Honors Course ( Student may select from the honors pool)                |                                                                                                                                                                                   | 3         | 0        | 0        | 3         |

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### B. TECH (AI & ML) COURSE STRUCTURE

A.Y: 2026-27

#### B.Tech. – IV Year I Semester

| S. No.       | Category                                      | Title                                                                                                                                                                              | L         | T        | P         | C         |
|--------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-----------|-----------|
| 1            | Professional Core                             | Generative AI                                                                                                                                                                      | 3         | 0        | 0         | 3         |
| 2            | Management Course- II                         | Human Resource & Project Management                                                                                                                                                | 2         | 0        | 0         | 2         |
| 3            | Professional Elective-IV                      | 1. Quantum Computing<br>2. Robotic Process Automation<br>3. Explainable AI<br>4. Software Project Management<br>5. 12-week MOOC Swayam<br><br>/NPTEL course recommended by the BoS | 3         | 0        | 0         | 3         |
| 4            | Professional Elective-V                       | 1. Agile Methodologies<br>2. High Performance Computing<br>3. Blockchain Technology<br>4. NoSQL databases<br>5. 12 week MOOC<br>Swayam/NPTEL course recommended 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<br>2. Software Engineering<br>3. IOT Based Smart Systems                                                                                                      | 3         | 0        | 0         | 3         |
| 7            | Skill Enhancement Course                      | Prompt Engineering / SWAYAM Plus - Certificate program in Prompt Engineering and ChatGPT                                                                                           | 0         | 1        | 2         | 2         |
| 8            | Audit Course                                  | Constitution of India                                                                                                                                                              | 2         | 0        | 0         | -         |
| 9            | Internship                                    | Evaluation of Industry Internship / Mini Project                                                                                                                                   | -         | -        | -         | 2         |
| <b>Total</b> |                                               |                                                                                                                                                                                    | <b>19</b> | <b>1</b> | <b>02</b> | <b>21</b> |
| MC           | Student may select from the same minor's pool |                                                                                                                                                                                    | 3         | 0        | 0         | 3         |
| HC           | Student may select from the same honors pool  |                                                                                                                                                                                    | 3         | 0        | 0         | 3         |
| HC           | Student may select from the same honors pool  |                                                                                                                                                                                    | 3         | 0        | 0         | 3         |

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**B. TECH (AI & ML) COURSE STRUCTURE**

**A.Y: 2026-27**

**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 (11<sup>th</sup> criteria, as per V23 Regulations)**

**Agenda2: 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.

**Agenda3: Informationon 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. T.Venkata Narayana Rao** (External Member)

- Suggested That the lab experiments are more in the syllabi, so need to decrease the lab experiments

**Dr. Dr.O.Srinivasa Rao** (University Nominee)

- Cross-check the marks allocation for Continuous Internal Assessment (CIA) and Semester End Examinations (SEE) for Audit courses.
- Prepare the overall Course Structure strictly in line with APSCHE guidelines.

**Dr. E.Suresh Babu** (External Member)

- Improve and align the skill set of students to match modern industry demands and needs.

**Mr. Ketan Deshpande** (Member -Industrialist)

- Emphasized the addition of project-based industry skill training modules.

**Mr. T.Gowtham Kumar** (Member-Alumni)

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

**PRINCIPAL**

Sree Vahini Institute of Science and Technology  
TIRUVURU-521235

**BOS CHAIRPERSON**