PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY
DEPT. OF INFORMATION TECHNOLOGY
MINUTES OF BOS MEETING HELD ON 21.06.2025

Dt: 21.06.2025.

Board of Studies meeting is conducted on 21.06.2025 in Hybrid mode at 10.30am

The agenda of the meeting is:

1. Review and approval of PVP23 regulation's 3rd year I and II semester course structure and syllabus for the academic year 2025-26.
2. Review and approval of PVP23 regulation's 4th year I and II semester tentative course structure.
3. Review and approval of PVP23 B.Tech honors and minors, MOOCs/NPTEL courses.
4. Review and approval of CO-PO/PSO process and attainments.
5. Review of placements, publications, internships, projects etc in the department.
6. Review of new courses introduced
7. Any other item with the permission of the chair.

The following internal and external Board of Studies members attended the meeting.

SNo	Name of committee member	Designation
1	Dr.R.B.V.Subramanyam	Professor, Dept. of CSE, NIT Warangal
2	Dr.K.Shahu Chatrapati	Professor, Dept. of CSE, JNTUH, Hyderabad
3	Dr. A.S.N. Chakravarthy	Professor, Dept. of CSE, JNTUK, Kakinada
4	Mr.G.V.Rajesh	Senior Principal Engineer, Phenom People, Hyd.
5	Dr.B.V.SubbaRao	Professor, HOD, Dept. of IT, PVPSIT
6	Dr.A.Haritha	Assoc. Professor, Dept. of IT, PVPSIT
7	Dr.D.Kavitha	Assoc. Professor, Dept. of IT, PVPSIT
8	Dr.Y.Suresh	Assoc. Professor, Dept. of IT, PVPSIT
9	Dr.S.Sai Kumar	Sr. Asst. Professor, Dept. of IT, PVPSIT
10	Dr.K.Pavan Kumar	Sr. Asst. Professor, Dept. of IT, PVPSIT
11	Mrs.J.Sirisha	Asst. Professor, Dept. of IT, PVPSIT

The following suggestions/approvals are made by members in the meeting:

1. BOS members reviewed and approved the PVP23 regulation's 3rd year I and II semester course structure and syllabus.

2. BOS members reviewed and approved the PVP23 regulation's 4th year I and II semester tentative course structure.

3. BOS members reviewed and approved the following MOOCs/NPTEL courses (12 weeks) for the Professional elective course-I in 3rd year I semester –Social networks, Cyber Security and Privacy, Artificial Intelligence Concepts and Techniques, Fundamentals of Artificial Intelligence, Web Technology or any other NPTEL Course. In case of any failures at the end exam of this NPTEL course those failed students may attend an external end exam in the same course conducted by the college as per the norms.

Reinforcement Learning, Real-Time Systems, Foundations of Virtual Reality, Software Testing, Software Project Management, Deep Learning, Computer Vision, Introduction to Large Language Models (LLMs) or any other NPTEL courses in the concern stream are proposed for upcoming semesters.

Courses offered for Honors/Minors degree in IT are reviewed and approved (List of courses enclosed)

4. Dr.R.B.V.Subramanyam and Dr.K.Shahu Chatrapati reviewed and expressed satisfaction over CO-PO/PSOs attainment process and attainments of the PVP20 batch.

5.Mr.G.V.Rajesh suggested new courses like RAG (Retrieval-Augmented Generation) and Vector databases to include in existing or next academic curriculum revisions.

6. HOD presented the details regarding internships, students' placements, faculty publications and projects, and members expressed satisfaction.

7. BOS members approved newly introduced courses and their syllabus in III year PVP23 regulation.

COURSES OFFERED FOR HONORS DEGREE IN IT

Note: *To obtain Honor's degree, student needs to obtain 18 credits by successfully completing any of the following courses in the concern stream.*

1. Social Network Analysis   12 Week 3 Credit Course, MOOCS
2. Applied Linear Algebra in AI & ML   12 Week 3 Credit Course, MOOCS
3. Design & Implementation of Human-Computer Interfaces – NPTEL MOOCS
4. Cryptography and Network Security   12 Week 3 Credit Course, MOOCS
5. Privacy and Security in Online Social Media 12 Week 3 Credit Course, MOOCS
6. Deep Learning for Natural Language Processing - 12 Week 3 Credit Course, MOOCS
7. Computer Vision   - 12 Week 3 Credit Course, MOOCS
8. Applied Time-Series Analysis   12 Week 3 Credit Course, MOOCS
9. Parallel Computer Architecture   12 Week 3 Credit Course, MOOCS
10. Reinforcement Learning   12 Week 3 Credit Course, MOOCS
11. GPU Architecture and Programming   12 Week 3 Credit Course, MOOCS
12. Computational Complexity   12 Week 3 Credit Course, MOOCS
13. Quantum Algorithms and Cryptography   12 Week 3 Credit Course, MOOCS
14. Unmanned Arial Systems & Robotics   12 Week 3 Credit Course, MOOCS

1. Security Governance and Risk management   3-0-0-3
2. Scala Programming   3-0-0-3
3. Software Design and System Integration   3-0-0-3
4. Storage Area Networks   3-0-0-3
5. High Performance Computing   3-0-0-3
6. Information Retrieval Systems   3-0-0-3
7. Multi Agent Systems   3-0-0-3
8. Quantum Computing   3-0-0-3
9. Bioinformatics   3-0-0-3
10. Retrieval-Augmented Generation   3-0-0-3

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 IT

1. Principles of Database Management Systems   3-0-3-4.5 (II-II)
2. Principles of Software Engineering   3-0-0-3 (III-I)
3. Advanced Data Structures & Algorithm Analysis   3-0-3-4.5 (III-II)
4. Principles of Operating Systems   3-0-0-3 (IV-I)
   Any of the following 12 Week 3 credit NPTEL MOOC Courses
5. Artificial Intelligence: Knowledge Representation and Reasoning
6. Computer Networks and Internet Protocol
7. Machine Learning and Deep Learning - Fundamentals and Applications
8. The Joy of Computing using Python
9. Discrete Mathematics for CS
10. Human Computer Interaction (In English)
11. Data Analytics with Python
12. Foundations of Cyber Physical Systems

Open Electives, offered to other department students:

Open Elective I: Principles of Operating Systems/ Computer Organization and Architecture
Open Elective II: Principles of Database Management Systems
Open Elective III: Object Oriented Programming Through Java
Open Elective IV: Principles of Software Engineering /Computer Networks

The meeting was ended with vote of thanks.

DR.B V SUBBA RAO
21/06/2025
HOD & CHAIRMAN OF BOS
HEAD
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