

Prasad V. Potluri Siddhartha Institute of Technology

(Autonomous)

Approved by AICTE and Affiliated to JNTUK

Accredited by NAAC: A+

All UG programs accredited by NBA, ISO 9001-2015 Certified Institute
Vijayawada, Andhra Pradesh, India.

DEPARTMENT OF CIVIL ENGINEERING

Board of Studies Committee Meeting on 03-01-2026

S. No.	Name of the Committee Member	Designation	Signature
1	Dr. V. Jagadish	HOD & Prof., CE, PVPSIT, Vijayawada	
2	Dr. K.B.V.N. Phanindra	Associate Professor, Hydraulics & Water Resources Engineering, IITH	Attended (online)
3	Dr. K. Ramu	Professor in Civil Engineering, JNTUK, kakinada	ABSENT
4	Dr. Ch. Hanumantha Rao	Professor & Dean Department of Civil Engineering K L Deemed to be University. Guntur	Attended (online)
5	Mr G.Ravi	Manager, MACE Division, The Ramco Cements Limited- Vijayawada	Attended (online)
6	Mr Y.V.N Shanmukh	Project Architect, Studio Chintala, Vijayawada,	Attended (online)
7	Dr. A. Adi Lakshmi	Prof. in CE, PVPSIT, Vijayawada	
8	Dr. K. Shyam Prakash	Asst. Prof. in CE, PVPSIT, Vijayawada	
9	Dr. K.V. Subash	Asst. Prof. in CE, PVPSIT, Vijayawada	
10	Dr. Ashish Kumar Nayak	Asst. Prof. in CE, PVPSIT, Vijayawada	
11	Dr. M. Sudhakar	Asst. Prof. in CE, PVPSIT, Vijayawada	
12	Dr. Ch. Rajesh	Asst. Prof. in CE, PVPSIT, Vijayawada	
13	Dr. A. Ashok	Asst. Prof. in CE, PVPSIT, Vijayawada	
14	Ms. K. Prasanthi	Asst. Prof. in CE, PVPSIT, Vijayawada	
15	Mrs. K. Divya	Asst. Prof. in CE, PVPSIT, Vijayawada	
16	Mrs. M. Durga Prasanna	Asst. Prof. in CE, PVPSIT, Vijayawada	
17	Mr. K. Deepak	Asst. Prof. in CE, PVPSIT, Vijayawada	
18	Mr. Manne Sai Narendra	Asst. Prof. in CE, PVPSIT, Vijayawada	



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DEPARTMENT OF CIVIL ENGINEERING

Agenda of meeting

1. Implementation of revised Programme Outcomes (PO1 to PO11) to PVP23 regulations in line with NBA July 24 requirements.
2. Suggestion on suitable NPTEL courses (3 Credits – 12 Weeks) for Regular and Honours students.
3. Finalization of department action plan for MOOC courses.
4. Preliminary discussion on the fourth-year course structure under PVP23 as suggested by JNTUK.
5. Review of department results, placements, internships, achievements and publications.
6. Any other item(s) with the permission of the Chair.

Minutes of BOS Meeting held on 03/01/2026 at 10.00 a.m.

Meeting Link: <https://meet.google.com/eqy-pzbv-xif>

1. **NBA PO Revision:** The members discussed NBA's transition from 12 POs to 11 POs to align with Washington Accord standards. The revised 11 Program Outcomes (PO1 to PO11) were explained in detail. After discussion, the BOS unanimously approved the adoption of 11 POs to implement in the department for PVP 23 regulation.

Revised list of Program Outcomes (POs):

- PO1: Engineering Knowledge
- PO2: Problem Analysis
- PO3: Design/Development of Solutions
- PO4: Conduct Investigations of Complex Problems
- PO5: Engineering Tool Usage
- PO6: The Engineer and The World
- PO7: Ethics
- PO8: Individual and Collaborative Teamwork

PO9: Communication

PO10: Project Management and Finance

PO11: Life-Long Learning

These outcomes shall be followed for curriculum design, CO-PO mapping, and NBA documentation. (Details OF POs are available in Annexure)

2. **Approval of SWAYAM/NPTEL Courses for Professional Elective:** The committee discussed to include the following SWAYAM/NPTEL courses as Professional Electives to improve students' exposure to emerging areas.

S. No.	Title of the course	Weeks	Credits
1	Environmental remediation of contaminated sites	12	3
2	Foundations of continuum mechanics	12	3
3	Geographic Information systems	12	3
4	Geophysical exploration methods	12	3
5	Groundwater hydrology and management	12	3
6	Smart cities	12	3
7	Strategies for sustainable design	12	3
8	The evolution of earth and life	12	3

3. The committee reviewed the department performance in terms of results, placements, internships, student achievements, and publications. In this review, the committee examined the academic performance of III B.Tech I Semester students. It was observed that the overall pass percentage was 66.07% (without NPTEL). However, the pass percentage with mandatory NPTEL certification (Professional Elective-I) was only 3.57%.

The committee expressed concern over the low certification success rate and discussed the need for immediate improvement measures. After detailed discussion, the following action plan was approved:

- Each NPTEL course shall be assigned to a faculty mentor.
- The allotted faculty shall closely monitor student progress and assignments.
- Regular guidance and motivation shall be provided to encourage students to complete the courses and appear for certification examinations.

4. The committee tentatively discussed the IV Year B.Tech course structure (JNTUK proposed) for both semesters under PVP23 regulations.

B.Tech. – IV Year I Semester

S.No.	Category	Title	L	T	P	Credits
1	Professional Core	Prestressed Concrete	3	0	0	3
2	Management Course- II	Construction Planning, Equipment and methods	2	0	0	2
3	Professional Elective-IV	1. Finite Element Methods 2. Advanced Environmental Engineering 3. Design & drawing of Irrigation Structures	3	0	0	3
4	Professional Elective-V	1. Advanced Structural Engineering 2. Environmental Impact and Risk Assessment 3. Foundations on Expansive Soils	3	0	0	3
5	Open Elective - III		3	0	0	3
6	Open Elective-IV		3	0	0	3
7	Skill Enhancement Course	Skills on Civil Engineering software. (STAAD-Pro/E tabs/CAD/Revit/ BIM)	0	1	2	2
8	Audit Course	Constitution of India	2	0	0	-
9	Internship	Evaluation of Industry Internship	-	-	-	2
Total			19	1	02	21

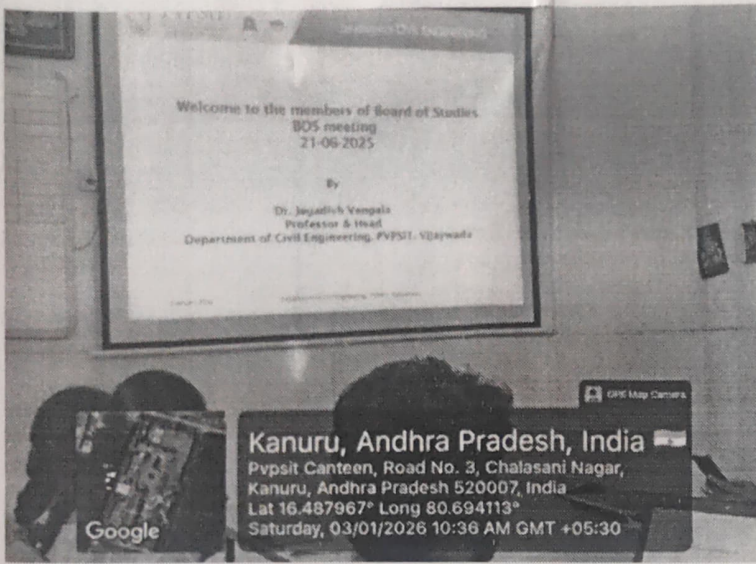
B. Tech. IV Year II Semester

S. No.	Category	Title	L	T	P	Credits
1	PR	Internship and Project	-	-	24	12

5. The committee expressed satisfaction over the academic, co-curricular, and extra-curricular activities conducted and participated in by the department. The committee also suggested strengthening research activities through student involvement.
6. The committee further suggested initiating postgraduate (PG) programs to promote research collaborations, improve publications, and support the overall scientific growth of the department.

Annexure: New NBA POs

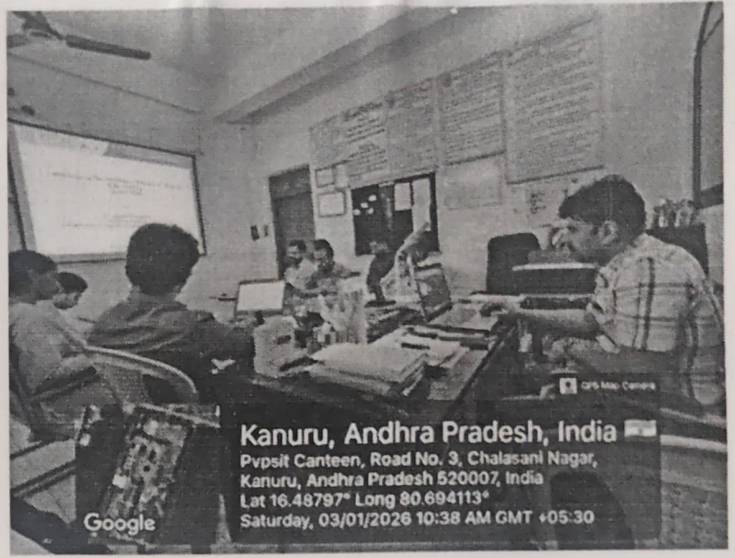
PO No.	Program Outcome Description	Relevant WK (Knowledge Level)
PO1	Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals, and an engineering specialization to develop solutions for complex engineering problems.	WK1-WK4
PO2	Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems to reach substantiated conclusions with consideration for sustainable development.	WK1-WK4
PO3	Design/Development of Solutions: Design creative solutions for complex problems and develop systems/components/processes to meet identified needs considering public health, safety, whole-life cost, net-zero carbon, culture, society, and environment.	WK5
PO4	Conduct Investigations of Complex Problems: Use research-based knowledge and methods including experiment design, modelling, analysis, and data interpretation to provide valid conclusions.	WK8
PO5	Engineering Tool Usage: Create, select, and apply modern engineering and IT tools, including modelling and prediction, while understanding their limitations.	WK2, WK6
PO6	The Engineer and The World: Analyze societal and environmental aspects of engineering problems and evaluate their impact on sustainability, considering economy, health, safety, legal framework, culture, and environment.	WK1, WK5, WK7
PO7	Ethics: Apply ethical principles, commit to professional ethics, human values, diversity, and inclusion, and adhere to national and international laws.	WK9
PO8	Individual and Team Work: Function effectively as an individual and as a member or leader in diverse and multi-disciplinary teams.	—
PO9	Communication: Communicate effectively within the engineering community and with society through reports, documentation, and presentations, considering cultural, language, and learning differences.	—
PO10	Project Management and Finance: Apply engineering management principles and economic decision-making to one's work as an individual, team member, or leader to manage projects in multidisciplinary environments.	—
PO11	Life-Long Learning: Recognize the need for and develop the ability for independent and life-long learning, adaptability to new technologies, and critical thinking in the context of technological change.	WK8



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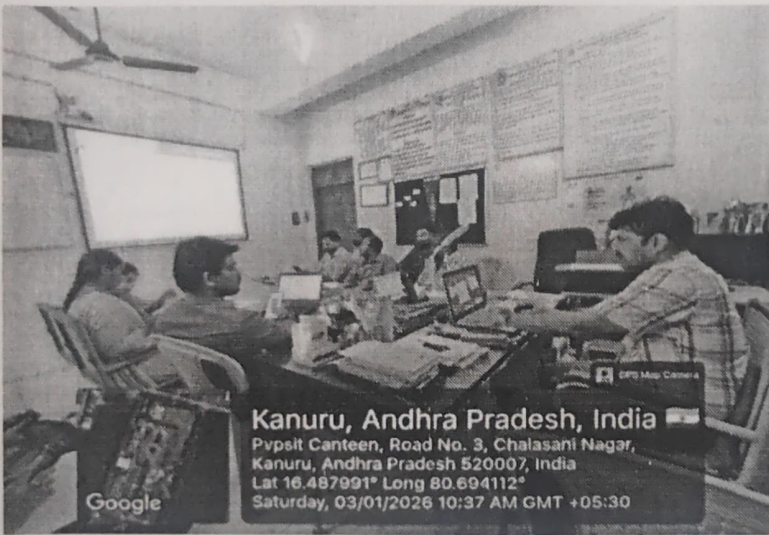
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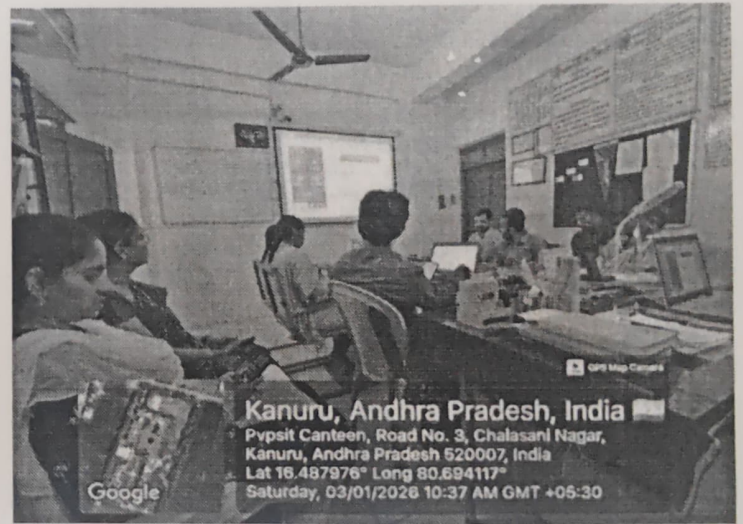
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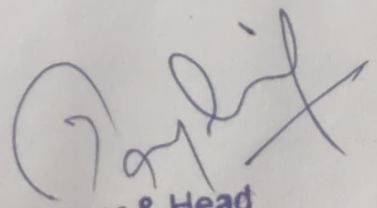
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Google


Professor & Head
Dept. of Civil Engineering
PVP Siddhartha Institute of Technology
Kanuru, VIJAYAWADA - 520 007