

Prasad V. Potluri Siddhartha Institute of Technology

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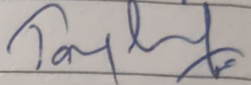
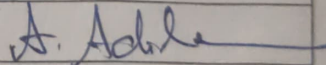
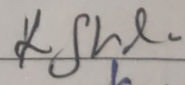
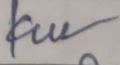
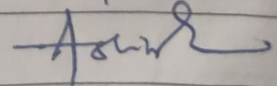
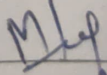
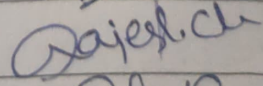
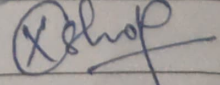
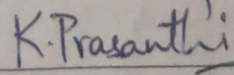
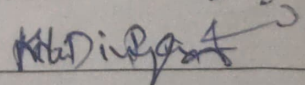
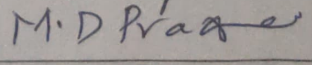
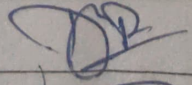
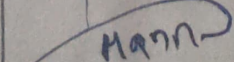
Approved by AICTE and Affiliated to JNTUK

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 24-03-2026

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	Online
3	Dr. K. Ramu	Professor in Civil Engineering, JNTUK, Kakinada-A.P.	Online
4	Dr. Ch. Hanumantha Rao	Professor & Dean Department of Civil Engineering K L Deemed to be University, Guntur.	Online
5	Mr G.Ravi	Manager, MACE Division, The Ramco Cements Limited- Vijayawada	Online
6	Mr Y.V.N Shanmukh	Project Architect, Studio Chintala, Vijayawada,	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. Review of department activities since the last BoS meeting
2. Discussion and finalization of fourth-year course structure and syllabus under PVP23 regulations (as per JNTUK guidelines)
3. Discussion and approval of additional Honours courses suggested by JNTUK, Kakinada
4. Any other item(s) with the permission of the Chair.

Minutes of BOS Meeting held on 24/03/2026 at 02.00 P.M.

Meeting Link: <https://meet.google.com/ouk-tukf-zsj?hs=224>

Minutes of the Meeting

1. Review of Department Activities

- The department completed an NBA visit under the GAPC 4.0 format and is anticipating positive results.
- The BoS expressed satisfaction with the active participation of students in various technical competitions conducted by other colleges and organizations. (Students have achieved prizes in national competitions, including first runner-up in the best presentation category at the national concrete canoe competition.)
- The committee reviewed the department's technical initiatives under the Tech Talk Series, which include: Weekend with Alumni, Bi-weekly Tech Talks with Industry Experts, and Monthly sessions with IIT/NIT Professors. The BoS appreciated these initiatives and recommended their continuous implementation.
- The committee also appreciated the upscaling of consultancy works undertaken by the department and acknowledged the positive contribution towards revenue generation for the institution.

2. Discussion and Finalization of IV Year Course Structure and Syllabus: The committee discussed in detail the course structure and syllabus proposed by JNTUK for the IV Year B.Tech (Civil Engineering) under PVP23 regulations. After the discussion, the BoS approved and finalized the proposed course structure and syllabus for both semesters of the fourth year.

B. Tech IV Year I Semester						
S.No.	Category	Title	L	T	P	C
1	Professional Core	Geotechnical Engineering-2	3	0	0	3
2	Management Course- II	Advance Construction Management	2	0	0	2
3	Professional Elective-IV	1. Pre-stressed Concrete	3	0	0	3
		2. Advanced Environmental Engineering				
		3. Design & Drawing of Irrigation Structures				
4	Professional Elective-V	1. Advanced Structural Engineering	3	0	0	3
		2. Environmental Impact Assessment				
		3. Railways and Airport Engineering				
5	Open Elective - III	1. Building Technology for Engineers/Building Technology for Engineers	3	0	0	3
		2. Principles and Practices of Environmental Impact Assessment				
		3. Intelligent Transportation Systems				
6	Open Elective-IV	1. Quantum Science and Technology	3	0	0	3
		2. Geo-Spatial Technologies				
		3. Solid Waste Management				
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	2	21

B. Tech IV Year II Semester						
S.No.	Category	Title	L	T	P	C
1	PR	Internship and Project	-	-	24	12

Modifications to Specific Course Content: In Geotechnical Engineering-II, the content has been reorganized for better clarity, with overlapping topics consolidated. In Prestressed Concrete, certain advanced concepts are restricted to the design procedure. Selected advanced topics in Railway and Airport Engineering have been trimmed due to syllabus breadth. Minor revisions (10-15%) have been introduced in a few topics of Advanced Structural Engineering and other courses. The Environmental Engineering module syllabus remains unchanged. The Skill Enhancement Course now emphasizes ETABS, with an improved syllabus and an increase in the number of experiments from five to eight.

3. Discussion and Approval of Additional Honours Courses: The committee reviewed the final copy of the JNTUK proposed syllabus for IV Year B.Tech Civil Engineering, which included an expanded list of Honours courses. It was observed that some of the newly proposed courses have more than 60% similarity with the previously approved Honours courses. Hence, the BoS decided to retain the previously approved courses as they are and include the remaining new courses as additional Honours courses. Finally, 30 Honours subjects are finalized for PVP23 regulations.

a) Previously Proposed Honors Degree Courses

1. Introduction to Earthquake Engineering
2. Structural dynamics
3. Traffic Engineering and Management
4. Advanced Hydrology
5. Geosynthetics Engineering: In theory and practice
6. Environmental Geotechnics
7. Seismic Analysis of Structures
8. Environmental Air Pollution
9. Soil Dynamics
10. Advanced Transportation Engineering

b) Expanded list of Honours courses

HONORS:	GEOTECHNICAL ENGINEERING	
	1	ADVANCED FOUNDATION ENGINEERING
	2	PAVEMENT ANALYSIS, DESIGN AND EVALUATION
	3	EARTH RETAINING STRUCTURES
	4	APPLICATIONS OF GEO SYNTHETICS
	5	SOIL DYNAMICS & MACHINE FOUNDATIONS
	6	EXPANSIVE SOILS
	7	EARTHEN DAMS
	8	GEO ENVIRONMENTAL ENGINEERING
	STRUCTURAL ENGINEERING	
	1	THEORY OF ELASTICITY AND PLASTICITY
	2	STRUCTURAL DYNAMICS
	3	BRIDGE ENGINEERING
	4	EARTHQUAKE RESISTANT DESIGN
	5	MATRIX ANALYSIS OF STRUCTURES
	6	STABILITY OF STRUCTURES
	7	ADVANCED REINFORCED CONCRETE STRUCTURES
	8	THEORY OF PLATES AND SHELLS
	ENVIRONMENTAL AND WATER RESOURCES ENGINEERING	
	1	COMPUTATIONAL HYDRAULICS
	2	URBAN HYDROLOGY
	3	GROUND WATER MODELING AND MANAGEMENT
	4	AIR POLLUTION AND CONTROL
	5	INDUSTRIAL WASTE WATER MANAGEMENT
	6	WATER AND AIR QUALITY MODELLING
	7	CLIMATE CHANGE IMPACT ON ENVIRONMENT
	8	ENVIRONMENTAL SYSTEM ENGINEERING

The matching courses are listed below:

S. No.	JNTUK Proposed Honours Course	Previously Approved Honours Course
1	Applications of Geosynthetics	Geosynthetic Engineering: In Theory and Practice
2	Soil Dynamics & Machine Foundations	Soil Dynamics
3	Air Pollution and Control	Environmental Air Pollution
4	Structural Dynamics	Structural Dynamics

Addressing Overlapping Content in Honors Courses: The BoS committee discussed concerns regarding potential overlap between Geotechnical Engineering-II (Professional Core) and Advanced Foundation Engineering (Honors), particularly in Units 1 and 2. It was agreed to remove the overlapping content and incorporate additional relevant topics to address the issue.

4. Any Other Items: No additional items were discussed

The meeting concluded with a vote of thanks to the Chair and all members for their valuable suggestions and active participation.



CHAIRMAN
Board of Studies
Faculty of Civil Engineering
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KANURU, VIJAYAWADA-520 007.