

RESUME

T.PAVAN KUMAR, (PhD)

S/o T.Venkateswar Rao;

D.No : 9-29-6/3;

Balajinagar, Siripuram;

Visakhapatnam-530003.

Mob.no : 7382121388; 9494824924

Email ID: tpavankumarse@gmail.com



OBJECTIVE:

To effectively utilize my Academic Knowledge & Industrial Experience in the areas of Teaching and Research.

TOTAL WORK EXPERIENCE: 5.0 Years (1.0 teaching+2.5 year consultancy+1.5 site engineer)

EDUCATIONAL QUALIFICATIONS:

Course	College/University	Period	% of marks	Division
PhD (Structural Engg.)	National Institution of Technology Raipur(NITRR)	2021	-	-
M-TECH (Structural Engg.)	GVP College of Engineering(A) /(JNTUK)	2014-2016	74.69	First
B-TECH (Civil Engg.)	Pydah college of Engineering and Technology/(JNTUK)	2007-2011	67.37	First

List of publications:

1. *Comparative Study of Different Foundation and Sidewall Systems for Large Storage Tanks* T. Pavan Kumar, G. Papa Rao and P. Veerabhadra Rao, **Springer Nature Singapore Pte Ltd. 2019, Recent Advances in Structural Engineering, Volume 1, Lecture Notes in Civil Engineering 11.**
2. *Comparative Study of Different Foundation and Side Wall Systems for Large Storage Tanks.* **Structural Engineering Convention (SEC-2016) CSIR-SERC, Chennai, INDIA. 21-23 December 2016.**
3. *Cost analysis and design of folded plate and truss roof structures* published in **Civil Engineering & Construction Review (CECR)** June 2016 volume 29, issue 06.

NPTEL Courses:

1. "Design of reinforced concrete structures" NPTEL online certification, Sep-Dec-2020 with a consolidated score of 72%.

EXPERIENCE DETAILS:

COMPANY NAME	DESIGNATION	FROM	TO
Aditya institute of technology and management(AITAM), Tekkali, srikakulam	ASSISTANT PROFESSOR	FEB-2020	FEB-2021
TVR Consultancy and Training Institute, Visakhapatnam	STRUCTURAL ENGG.	MAR-2017	DEC-2019
Team One India Pvt.Ltd, Hyderabad	JUNIOR STRUCTURAL ENGG.	JUNE-2013	JANUARY-2014
Nagarjuna Constructions Company(NCC)	JUNIOR ENGG.	JANUARY-2012	MAY-2013

ORGANIZED WORKSHOPS:

1. Organized a two day workshop on structural analysis and design by using *STAAD.Pro* in ADAMS Engineering College, Palwancha, Telangana, India.
2. Organized a two day workshop on Slabs and Foundations Design by using *SAFE* in PRAGATI Engineering College, Surampalem, Andhra Pradesh, India.

Guest Lecturers Presented:

1. Guest lecture on *Importance of Computer Aided Applications in Design of Industrial Structures* at GVP SITAM, Vizianagaram, Andhra Pradesh, India.
2. Guest lecture on *Load Transfer Mechanism in Structures as per Indian Standards* using structural design software at Sri Venkateswara college of Engineering and Technology, srikakulam, Andhra Pradesh, India.

Lab External Examiner:

1. "Concrete Technology Lab" for GVP College of Engineering (A) on 10 & 11-NOV-2020.
2. "Engineering Geology Lab" for GMR Institute of technology (A) on 18-Dec-2020.

PROJECTS DESCRIPTION:

NAGARJUNA CONSTRUCTIONS COMPANY(NCC) :

1. Site Engg. For Supervision of construction of **G+3 RCC** administration building in **NITA(NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA, INDIA)**
2. Supervision of Fabrication of Trusses & Steel Structural elements for Auditorium.

TEAM 01 INDIA,CONSULTING ENGINEERS:

1. Analysis & Design of Multistoried Buildings Subjected To Gravity, Wind & Seismic Loadings using ETABS and STAAD-Pro.
2. Analysis And Design of Roof Trusses for sheds using STAAD-Pro.
3. Drafting of RCC structural elements & detailing of reinforcement steel using relevant codal provisions using AUTOCAD.

GVP COLLEGE OF ENGG. CONSULTANCY DIVISION, VISAKHAPATNAM:

1. Analysis & Design Of water tanks of 6MLD sewage treatment plant for srisailam devasthanam.
2. Analysis & Design of louver bridge trusses & steel members for NHAI, Visakhapatnam.

ATTENDED SEMINARS:

1. Attended in a two day workshop on “Condition Monitoring of Machines and Structures” at G.V.P College of Engineering.
2. Attended in a two day workshop on “National Conference on Condition Monitoring” at Naval Science and Technological Laboratory (NSTL), Visakhapatnam.
3. One week value added course on REVIT Structures at G.V.P College of Engineering.

ACHIEVEMENTS : Recipient of U.G.C. Scholarship through GATE – 2014.

FACULTY DEVELOPMENT PROGRAMMES (FDP):

1. Education 4.0-digital teaching and learning, organized by Department of Civil Engineering, Dr. Lankapalli Bullayya college of engineering, Visakhapatnam from 31st August 2020 to 04th September 2020.
2. Author’s Conclave, organized by Department of Civil Engineering, SRM Institute of Science & Technology, Ramapuram, Chennai on 11th August 2020.
3. Performance Of Reliable Materials In Concrete, organized by Department of Civil Engineering, Aditya Institute Of Technology And Management, Tekkali, Srikakulam From 29th June 2020 To 03rd July 2020.

WEBINARS:

1. Role of Master Plans in Urban Devlopment, organized by Department of Civil Engineering, GVP College of Engineering(A) , Visakhapatnam on 02th August 2020.
2. Readymixed concrete production process challenges and Remedies, organized by Indian concrete institute (ici)-Banglore on May 18th 2020.

COURSES:

1. Learning How to Learn: “Powerful mental tools to help you master tough subjects” by McMaster University and University of California San Diego and offered through Coursera.

Theory courses handled

UG LEVEL (CIVIL ENGINEERING)	PG LEVEL (STRUCTURAL ENGINEERING)	Laboratory courses
Prestressed concrete Mechanics of solids	Structural dynamics	Strength of Materials LAB STAAD.Pro LAB

DEPARTMENTAL WORKS:

Consultancy coordinator and Time table coordinator

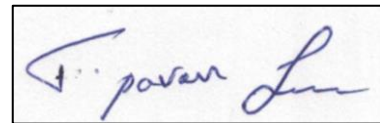
APPLICATION SOFTWARE IN CIVIL ENGG. :

STAAD – Pro, ETABS, AUTOCAD, SAP-2000 and SAFE.

DECLARATION:

I hereby declare that the above mentioned information is correct and I bear the responsibility for the correctness of the above mentioned particulars.

Place: Visakhapatnam



(T.PAVAN KUMAR)