

CIRRICULUM VITAE



Name : **Dr. (Ms.) SVSNDL PRASANNA**
Current Designation : Professor
Father's Name : Late Sri. S. SURYANARAYANA
Mother's Name : Late Smt. S SURYA PRABHA
Husband's Name : Mr. P. RAMANADHA RAO
Address for Correspondence : Department of Civil Engineering
College of Engineering (A),
Osmania University, Hyderabad-500007,
Telangana State, India.
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Residence Address : Flat No.: 302, Sai Paradise Apartment
Brindavan Colony, Old Safilguda,
Secunderabad – 500056
Telangana State, India.

EDUCATIONAL QUALIFICATIONS:

DEGREE/DIPLOMA	DIVISION / GRADE	YEAR	SUBJECTS TAKEN	NAME OF THE UNIVERSITY / ISTITUTE
Ph. D (Title: Turbulence Modelling for Selective Hydraulic Engineering Applications)	--	24.07.2019	Water Resources Engineering	College of Engineering (A), Osmania University, Hyderabad
M. E – CIVIL	First Class with Distinction (1400/1800) (77.78%)	June 2005	Hydro Mechanics & Water Management	
B. E – Civil Engineering	First Class with Distinction (3196/3800) (84.10%)	October 2002	Civil Engineering	
Diploma	First Class (1474/2000) (73.7%)	31.05.1998	Civil Engineering	Kamala Nehru Polytechnic, Nampally, Hyd.

10 th Class (SSC)	First Class with Distinction (492/600) (82%)	08.06.1995	Mathematics, Science, Social Studies	State Board of Secondary Education, Hyderabad
Diploma in software Technology	A	15.10.2001	C, C++	CMC Institute, Hyderabad

PROFESSIONAL EXPERIENCE:

Address of the Office / Organization / Institute	Post Held	Duration		Pay Scale	Specific Experience: Teaching / Research Industrial
College of Engineering (A) Osmania University	Assistant Professor (Temporary)	2005	2006	Consolidated Pay (Rs.11,000/-)	Only UG Classwork
Muffakham Jah College of Engineering and Technology	Assistant Professor	28.08.2006	11.06.2007	8000 – 275 - 13500	Only UG Classwork
University College of Engineering (A) Osmania University	Assistant Professor (Permanent)	12.06.2009	11.06.2012	Rs.15600 – 39100 AGP – Rs.6000/-	UG and PG – Water Resources Engineering, Construction Engineering & Management specializations
	Assistant Professor (Permanent – Senior Scale)	12.06.2017	11.06.2017	Rs.15600 – 39100 AGP – Rs.7000/-	
	Associate Professor (Selection Grade)	12.06.2017	11.06.2020	Rs.78,800 – 2,09,200 (UGC RSP 2016)	
	Associate Professor	12.06.2020	11.06.2023	Rs.1,31,400- 2,17,100 (UGC RSP 2016)	
	Professor	12.06.2023	Till Date	Rs. 1,44,200 – 2,18,200 (UGC RSP 2016)	

TEACHING AND RESEARCH EXPERIENCE:

Teaching Experience: 20.0 Years

Research Experience: 18.0 Years

RESEARCH AREAS OF INTEREST: Computational Fluid Dynamics, Drainage Engineering, Irrigation Water Management, Construction Engineering & Management, Life cycle Assessment

RESEARCH FELLOWSHIP:

S. No	Name of the Fellowship	Funded By Organization	Year
1	PG - GATE Scholarship	UGC	2003 - 2005

DETAILS OF PUBLISHED BOOK:

Authors & Year of Publication	Name of Book	Details of Publisher	ISBN Number
Ms. SVSNDL Prasanna & Mrs. D Annapurna 2012 - 2013	AutoCAD – Computer Aided Drafting of Buildings	Academic Publishing Company	81-89966-94-2

RESEARCH PROJECTS:

Title of the Project	Project Grant details	Duration of the Project
Estimation and Simulation of Hydraulic Jump	TEQIP PHASE - II Under SEED MONEY CATEGORY, UCE / OU / HYD Rs. 1.0 lakh	2015 – 16 October

PAPERS IN INTERNATIONAL/ NATIONAL JOURNALS:

Title of the Paper	Journal details (Journal Name, Volume, Issue, Year, Page No's, Impact factor)	Authors	Any Other Information
ANN-Based Prediction of Compressive Strength in Glass Wool Reinforced Brick	E3S Web of Conferences 559, 04006 (2024) 08 August 2024	Yashwanth Pamu and Prasanna SVSNDL	https://doi.org/10.1051/e3sconf/202455904006
Assessment of Engineering Characteristics for Black Cotton Soil with Addition of Layered Stone Dust	E3S Web of Conferences 559, 04002 (2024), 08 August 2024	B Divya Jyothi, SVSNDL Prasanna	https://doi.org/10.1051/e3sconf/202455904002
An Experimental Analysis for Clay Bricks Manufacturing with Partial Replacement of Glass Wool	Australian Journal of Structural Engineering, Volume 24, Issue 2, 17 Apr 2023. Taylor and Francis Journal	Yashwanth Pamu and Prasanna SVSNDL	https://www.tandfonline.com/doi/full/10.1080/13287982.2023.2197320
Comparative Study of Boundary Layer Thickness for Flow over Spillways	Asian Research Journal of Current Science, Volume 5, Issue 1,	N. Suresh Kumar, S. V. S. N. D. L. Prasanna	https://jofscience.com/index.php/ARJOCS/article/view/26

	107-116, April 2023; Article no. ARJOCS.1251		
Prediction and Comparison of Rainfall-Runoff Using Mathematical Model	IOP Conf. Series: Earth and Environmental Science Journal, Impact Factor: 1.254, Q4 Quartile ISSN: 1755-1315 1130 (1-8), Jan 2023	S V S N D L Prasanna, Sandeep Reddy K, Chandrasekhar, Sai Shivani Sand Divya E	http://doi:10.1088/1755-1315/1130/1/012044
Prediction of Solar Radiation Using Data Driven Models	Journal of Physics: Conference Series, Vol. 2332, 012017, 16 September 2022, pp: 1-8 IOP Publishing	Nagaveni Thallapalli and S. V. S. N. D. L. Prasanna	http://doi:10.1088/1742-6596/2332/1/012017
Application of Data Driven Model for Prediction and Estimation of Evapotranspiration – A Case Study	Advances and Applications in Mathematical Sciences Vol. 21, Issue 6, April 2022, pp: 3563-3575, Mili Publications, India	S. V. S. N. D. L. Prasanna and Nagaveni Thallapalli	https://www.mililink.com/upload/article/2085435995aams
Appraisal and Imitation of Surface Profiles Down Stream of a Head Sluice	International Journal of Advance and Innovative Research, Vol. 9, Issue 1 (IV), January – March, 2022, Impact Factor: 7.36 (ISSN: 2394 – 7780) Indian Academicians and Researchers Association	Prasanna S. V. S. N. D. L	https://iaraedu.com/about-journal/ijair-volume-9-issue-1-viii-january-march-2022
Assessment of Peak Upsurge Height Adopting Simulation Analysis	International Journal for Research in Applied Science & Engineering Technology, Vol. 10, Issue II, February 2022 (ISSN: 2321 – 9653)	Prasanna S. V. S. N. D. L and Suresh Kumar, N	https://doi.org/10.22214/ijraset.2022.40386
Simulation of flow Characteristics of NACA 0015 airfoil using ANSYS-CFD	Solid State Technology ISSN: 0038-111X Volume: 63, Issue: 5, pp: 2565 - 2573	Suresh Musham, Prasanna, S. V. S. N. D. L, Suresh Kumar, N	https://solidstatetechnology.us/index.php/JSST/article/view/2612
Simulation and Analytical Estimation of Spillway Flip	International Journal of Technical Innovation in Modern	Prasanna, S. V. S. N. D. L., Suresh Kumar, N	http://doi.org/10.35940/ijitee.L3632.1081219

Bucket Parameters	Engineering & Science (IJITEE), Volume 8, Issue 12, 4062 to 4066, Oct – 2019		
Estimation and Simulation of Pressures on the Profile of the Spillway	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) e-ISSN: 2455-2585 Volume 5, Issue 7, 442 to 448, 1 st July – 2019	Prasanna, S. V. S. N. D. L., Suresh Kumar, N	https://www.ijtimes.com/index.php/ijtimes/article/view/1732
Reproduction of Water Surface Profile using ANSYS – CFD	International Journal of Engineering Science Invention (IJESI), Vol. No. 8, Issue 5, Series – 4, 43 to 50, May-2019 ISSN (Print): 2319 - 6726	Prasanna, S. V. S. N. D. L., Suresh Kumar, N	http://www.ijesi.org/papers/Vol(8)i5/Series-4/G0805044350.pdf
Simulation of Flow Behaviour around Bridge Piers Using ANSYS – CFD	International Journal of Engineering Science Invention (IJESI), Vol. No. 7 Issue-9 Ver – III, 13 to 22, Sep 2018 ISSN (Print): 2319 - 6726	Prasanna, S. V. S. N. D. L., Suresh Kumar, N	http://www.ijesi.org/papers/Vol(7)i9/Version-3/D0709031322.pdf
Turbulence Modelling for Estimation of Hydraulic Jump Height	STM Journal of Recent Trends in Fluid Mechanics ISSN: 2455-1961 Vol. No. 5, Issue – 3, pp: 1-11, 2018	Suresh Kumar, N, Prasanna, S. V. S. N. D. L	https://engineeringjournal.sstmjournals.in/index.php/RTFM/article/view/1097
Simulation of flows over an Air-Regulated Siphon Spillway	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) Vol. No. 15, Issue – 4, 19 to 25, Jul–Aug, 2018	Prasanna, S. V. S. N. D. L., Suresh Kumar, N	https://www.academia.edu/39145362/Simulation_of_flows_over_an_Air_Regulated_Siphon_Spillway
Applications of ICT Benefits for Building Project Management Using ISM Model	International Journal of Research in Engineering & Technology, ISSN(Print): 2321-7308 Vol. 3, Spl. Issue: 06	S V S N D L Prasanna, T Raja Ramanna	https://ijret.org/volumes/2014v03/i18/IJRET20140318047

	May 2014		
Comparison of Risk Allocation in Standard and General Contract Documents	International Journal of Advance Research in Science & Engineering ISSN: 2319-8354 Vol. 5, Issue 10, Oct, 2016, pp: 195-212 Impact Factor – 2.83 (UGC Journal)	Arumulla Raju, S.V.S. N. D. L. Prasanna	http://www.ijarse.com/images/fullpdf/14762774932039ijarse.pdf
Multi Criteria Decision Analysis for Optimal Selection of Supplier Selection in Construction Industry – A Case Study	International Journal of Engineering Technology Science and Research, ISSN: 2250–2459 Vol. No. 5, Issue – 1, Jan-2018	Prasanna S. V. S. N. D. L., Praveen Kumar	http://www.ijetsr.com
A Comparative Study of Different Contractor Selection Methods	International Journal of Emerging Technology and Advanced Engineering (IJETAE) ISSN: 2250–2459 Vol. 8, Special Issue 5, May 2018	Prasanna, S. V. S. N. D. L., Kalithkar Rakesh	https://www.ijetae.com/files/Volume8SpecialIssue5/IJETAE_ACACEOU_2018_34.pdf
Applications of ICT Benefits for Building Project Management Using ISM Model	International Journal of Research in Engineering & Technology, ISSN(Print): 2321-7308 Vol. 3, Spl. Issue: 06 May 2014	S V S N D L Prasanna, T Raja Ramanna	https://ijret.org/volumes/2014v03/i18/IJRET20140318047.pdf

BOOK CHAPTERS:

Title of the Paper	Journal details (Journal Name, Volume, Issue, Year, Page No.)	Authors	Any Other Information
Analytical Estimation of Boundary Layer Thickness for Flow Over Spillways	Engineering for Self-Reliance and Sustainable Goals Technical Volume 35 th Indian Engineering Congress, The Institute of Engineers (India), 8 Gokhale Road, Kolkata, 18 th – 20 th Dec, 2020	Prasanna, S. V. S. N. D. L., Suresh Kumar, N	https://www.ieindia.org ISBN: 978-81-950662-0-9
Estimation and Simulation of Flows into an off-Taking	Advanced Modelling and Innovations in Water Resources Engineering	V. Chakravarthy, S. V. S. N. D.	doi.org/10.1007/978-981-16-4629-4_2

Canal Using ANSYS	Lecture Notes in Civil Engineering, Springer, Singapore Vol. 176., 17 November 2021	L. Prasanna & N. Suresh Kumar	
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PAPERS PUBLISHED & PRESENTED IN INTERNATIONAL CONFERENCES

Title of the Paper	Conference details (Name, Dates, Place and ISSN/ISBN)	Authors	Any Other Information
Assessing the Effectiveness of Reclaimed Asphalt Pavement (RAP) as a Partial Replacement for Coarse Aggregate	International Conference on Civil, Environmental and Applied Sciences (ICCEAS-2025)	Kona Mahesh, Prasanna S V S N D L, and Lavoori Anitha	Department of Civil Engineering and Basic Science & Humanities, Gandhi Institute for Education and Technology, Baniatangi, 18th – 19th July, 2025
Life Cycle Assessment of Residential and Commercial Buildings: A Comparative Study of Environmental Impacts	Third International Conference on Construction Materials and Structures 2025 “Synergy of Materials and Structures” (ICCMS – 2025)	Prasanna S V S N D L and Yahswanth Pamu	Indian Institute of Tirupati, India 3rd to 5th July, 2025
Estimation and Comparison of Runoff Using Extreme Learning Machine (ELM) Techniques	2 nd International Conference on Recent Advances in Fluid Mechanics and Nanoelectronics (ICRAFMN – 2024)	Prasanna S V S N D L and Abdul Rahman	Manipal University Jaipur, in association with MIT Bengaluru and National Institute of Technology Uttarakhand, 10th to 12th July 2024
Assessment of Construction Projects Based on Revised Paper Quarterback Rating Model: Case Study	International Conference on Innovations in Engineering and Technology (ICIET-2022)	Prasanna S V S N D L, Uday Kumar	Department of Civil Engineering & University Industry Interaction Centre JNT University Hyderabad 15th – 17th September, 2022
Development of Eco-Friendly Concrete Bricks Incorporating Industrial Waste (ICSMMIE2022-MGT44)	International Conference on Sustainable Materials, Manufacturing & Industrial Engineering (ICSMMIE - 2022)	Yashwanth Pamu and Prasanna S V S N D L	Department of Industrial Engineering and Management In Association with Visvesvaraya Technological University, Belagavi Indian Institute Industrial Engineering,

			Bangaluru Chapter Indian Institute of Materials Management, Bangaluru Chapter 1st – 2nd July, 2022
Analytical Estimation of Dam Break Parameters – A Case Study	Virtual International Conference on Sustainable Practices and Innovations in Civil Engineering (SPICE 2022)	Pawar Ashish and Prasanna S V S N D L	Department of Civil Engineering, SSN College of Engineering, Rajiv Gandhi Salai, Kalavakkam, Chennai, Tamilnadu, 16th and 17th March, 2022
Estimation of Evapotranspiration and Irrigation Scheduling Using CROPWAT – A Case Study			
Simulation Analysis for Different Arrangements of Piers Using ANSYS-CFD	2 nd International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI-22) - Virtual Conference Paper ID: ICCEASI- 2022_LUC_0024	Anusha Minnapuram and Prasanna S V S N D L	Babu Banarasi Das University, Lucknow & Institute for Engineering Research and Publication (IFERP) 9th – 10th February 2022
Appraisal and Imitation of Surface Profiles Downstream of a Head Sluice	2 nd International Conference on Science, Technology and Innovation (ICSTI-2022)	Prasanna S V S N D L and Suresh Kumar N	Indian Academicians and Researchers Association 6th February, 2022
Simulation of Flow Over Broad-Crested Weir Using ANSYS-CFD (Best Research Paper Award)	International Conference on Advances in Science, Engineering and Technology, Puducherry, Paper ID: ICASET_50382	Prasanna S V S N D L, P Lasya Reddy, N Rishitha, D Nandini	Pondicherry, Institute for Engineering Research and Publication 29th – 30th Dec, 2021
Application of Data driven Model for Prediction and Estimation of Evapotranspiration – A Case Study	International Conference on Innovation and Application in Science & Technology (ICIAST-2021)	S. V. S. N. D. L. Prasanna and Nagaveni Thallapalli	Galgotias College of Engineering & Technology, Greater Noida, Uttar Pradesh, India (22.12.2021) 21st - 23rd December, 2021
Critical Delay Analysis in Execution of Construction Projects	International Conference on Advances in Engineering, Science and Management, (ICAESM– 2021)	Prasanna S V S N D L	Institute for Engineering Research and Publication, Bangalore, Karnataka (28.11.2021) 28th – 29th Nov, 2021
Replication and Evaluation of Peak Upsurge Height Using ANSYS-CFD	International Virtual Conference on “Innovative Trends in Hydrological and Environmental Systems”	Prasanna S V S N D L and Suresh Kumar N	Department of Civil Engineering, National Institute of Technology

	(ITHES-2021)		Warangal, Telangana State, India 28th – 30th April, 2021
Estimation and simulation of flows into an off taking canal using ANSYS	Advanced Modelling and Innovations in Water Resources Engineering (AMIWRE-2021)	Chakravarthy V, Prasanna S V S N D L and Suresh Kumar N	Department of Civil Engineering, National Institute of Technology Jamshedpur, 20th to 21st Feb, 2021
Analytical Estimation of Boundary Layer Thickness for Flow Over Spillways	Engineering for Self-Reliance and Sustainable Goals, Technical Volume ISBN 978-81-950662-0-9	Suresh Kumar N and Prasanna S V S N D L	35 th Indian Engineering Congress, The Institute of Engineers (India), 8 Gokhale Road, Kolkata 18th – 20th Dec, 2020
Analytical and Simulation Analysis of Peak Upsurge Height using Computational Fluid Dynamics	ISH - HYDRO 2019, International Conference	Prasanna S V S N D L and Suresh Kumar N	Department of Civil Engineering, UCE(A), O.U, Hyderabad 18th – 20th Dec, 2019
Simulation of Flow Characteristics of NACA 0015 Airfoil using ANSYS-CFD	International Conference on Recent Advances in Civil Engineering Infrastructure (RACE-2019)	Suresh Musham, Prasanna S V S N D L and Suresh Kumar N	Muffakham Jah College of Engineering & Technology, Banjara Hills, Hyderabad 16th – 18th Dec, 2019
Estimation and Simulation of Minor losses for Flow through Pipes using CFD	International Conference on Innovations in Structural Engineering (IC-ISE-2015)	Prasanna S V S N D L and Anirudh K	Hotel Katriya, Department of Civil Engineering, College of Engineering, Osmania University, Hyderabad 14th – 16th Dec, 2015
Studying Effect of Wind Incidence Angles on Wind Pressure Distribution on a Square Plan Tall Building using CFD		Prasanna S V S N D L and Akbar Ali Baig	
Sediment Transport Modelling Using Artificial Neural Networks and Sediment Rating Curves	4 th International Conference on Hydrology and Water Management	Vishnu Vardhan, Prasanna S V S N D L	Centre For Water Resources, Institute of Science & Technology JNTUH, Hyderabad 29th Oct – 1st Nov, 2014
Performance of Canal Lining Materials – A Case Study	Emerging Trends in Civil Engineering	Prasanna S V S N D L	VNR Vignana Jyothi Institute of Engineering & Technology,

Review on Oil – Water Separators		Prasanna S V S N D L, Suresh Kumar N	Hyderabad 6th – 8th Jan, 2014
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INVITED LECTURES:

Title of Lecture	Title of Conference / Seminar / Others	Other Details (Venue, organized by, dates etc)
CAD Applications in Civil Engineering (Prasanna S V S N D L)	ISTE Short Term Training Programme on CAD and Advanced Techniques for Polytechnic Teachers	J. N. Govt. Polytechnic, Ramanthapur, Hyderabad 24 th Mar – 4 th April, 2014
Joint Lecture- Turbulence Modeling to Irrigation Engineering Department Applications (Prof. Suresh Kumar N and Dr. Prasanna S V S N D L)	Training Programme for Newly recruited Assistant Executive Engineers	Water and Land Management Training and Research Institute WALAMTARI, Hyderabad 28 th Feb, 2019
Joint Keynote lecture - Application of ANSYS – CFD to flow Problems (Prof. Suresh Kumar N and Dr. Prasanna S V S N D L)	6 th National Conference on Water, Environment, and Society (NCWES - 2019)	Centre for Water Resources, Institute of Science and Technology, JNTUH, Kukatpally, Hyderabad 5 th -7 th June, 2019
Joint Guest Lecture - Experimental and Simulation studies on Air Regulated Syphon Spillways (Prof. Suresh Kumar N and Dr. Prasanna S V S N D L)	Enlighten the students on the Utilization of Lab Facilities	Rajiv Gandhi University of Knowledge Technologies, Basar 19 th August, 2019
Joint Expert Lecture - Appraisal & Simulation of flow d/s of a sluice gate (Suresh Kumar N and Prasanna S V S N D L)	Awareness to the students & Faculty On adoption of Simulation Techniques	Vasavi College of Engineering, Hyderabad 11 th Sep, 2019
Joint Lecture - Evaluation and Simulation of Ski jump bucket trajectory parameters (Prof. Suresh Kumar N and Dr. Prasanna S V S N D L)	Awareness to the students & Faculty on Application of Simulation Techniques	Sreyas Institute of Engineering and Technology, Hyderabad, 19 th September, 2019
Joint Lecture - Assessment and Simulation of Height and Length of Hydraulic Jump (Prof. Suresh Kumar N and Dr. Prasanna S V S N D L)		Vignana Bharathi Institute of Technology, Hyderabad, 21 st September, 2019
Expert Lecture - Applications of Simulation through ANSYS-CFD in Water Resources Engineering	Part of Twinning Programme Under TEQIP-III	Veer Surendra Sai University of Technology, Burla, 15 th November, 2019

(Dr. Prasanna S V S N D L)		
Joint Keynote Lecture - Assessment and Replication of Flows into an Off-Taking Canal (Prof. Suresh Kumar N and Dr. Prasanna S V S N D L)	- International Conference on Recent Advances in Civil Engineering Infrastructure (RACE-2019)	Muffakham Jah College of Engineering & Technology, Banjara Hills, Hyderabad, 16 th Dec, 2019
Expert talk - Recent Trends in River Valley Projects for Automated Flow Regulation (Dr. Prasanna S V S N D L)	Faculty Development Programme on Global Trends in Civil and Infrastructural Engineering (GTCIE-2020)	Department of Civil Engineering, Institute of Aeronautical Engineering Dundigal, Hyderabad, 26 th May, 2020
6 – Lectures on Concepts of Modelling Using AutoCAD in 3D (Dr. Prasanna S V S N D L)	Workshop on “Engineering Drawing Using AutoCAD” (Online)	Department of Civil Engineering, UCE(A), OU, 21 st – 23 rd May, 2020
Simulation Analysis and its Applications (Dr. Prasanna S V S N D L)	Faculty Development Program on “Recent Advances in Civil Engineering and Sustainable Infrastructure”	Department of Civil Engineering, Geetanjali College of Engineering and Technology, Keesara, Medchal District 13 th – 18 th July, 2020 (17 th July, 2020)
Application of Simulation Analysis to WRE (Dr. Prasanna S V S N D L)	Faculty Development Programme on “Recent Modelling Approaches in WRE” (RMAWRE-2020)	Department of Civil Engineering, UCE(A), OU, 17 th -21 st August, 2020
Slope Stability Analysis Using ANSYS (Dr. Prasanna S V S N D L)	Certification program on “ANSYS software and its application in Geotechnical Domain”	Malla Reddy College of Engineering (A) in association with IEI Student Chapter, Mining Engineers Association of India, Hyderabad Chapter, Department of Civil Engineering, OUCE, Hyderabad 14 th – 19 th June, 2021
Joint Keynote Lecture on “Estimation and Simulation of flow Characteristics around the Airfoil” (Prof. Suresh Kumar N and Dr. Prasanna S V S N D L)	International Conference on 2- days National conference on “Innovations and Sustainable solutions in Engineering and Technology” with ISBN No. 978-93- 5457-829-8	Nawab Shah Alam Khan college of Engineering and Technology, New Malakpet, Hyderabad 9 th – 10 th July, 2021
Expert Lecture on “Numerical Simulation in Slope Stability”	Continuing Professional Development Programme on “Design & Monitoring of	Engineering Staff College of India, 15 th – 17 th September 2021

(Dr. Prasanna S V S N D L)	Slope Stability in Mining & Infrastructure Projects” - Online mode	
Two expert lectures on “Application of Numerical Simulation in Slope Stability” (Dr. Prasanna S V S N D L)	National Level Continuing Professional Development Programme on “Design & Monitoring of Bench & Dump Slopes for Stability in Mining & Civil Engineering Projects”	Engineering Staff College of India, 28 th – 30 th November 2022
Two Expert lecture on “Water Quality & Its Characteristics” and “Water Treatment & It’s Essentials” (Dr. Prasanna S V S N D L)	Short term training for Municipal Engineers	Dr. MCR Human Resources Development Institute of Telangana 22 nd May, 2024

ME DISSERTATIONS GUIDED:

Name of student	Title of dissertation	Year of Degree awarded
C. Nutan Kumar (ME-CEM)	Comparison of MCDM Methods In Project Selection	Dec – 2013
Mr. T. Raja Ramanna (ME-CEM)	Application of ICT benefits For Building Project Management Using ISM Model	Dec – 2013
Mr. K. Rama Krishna Reddy (ME-WRE)	Evaluation and Potential Improvements to Proposed Hydro Electric Project	Dec – 2013
Mr. P. Vishnu Vardhan (ME-WRE)	Sediment Transport Modeling Using Artificial Neural Networks and Sediment Rating Curves	Sept – 2014
Ms. B. Madhuri (ME-WRE)	A Case study on Comparative Evaluation of Different Reference Evapotranspiration Using Seven Methods	Nov – 2014
Mr. K. Praveen Kumar (ME-CEM)	Multi Criteria Decision Analysis for Optimal Selection of Supplier in Construction Industry – A Case Study	Jan – 2015
Akbar Ali Baig (ME-IE)	Studying Effect of Wind Incidence Angles on Wind Pressure Distribution on a Square Plan Tall Building Using CFD	Nov – 2015
Anirudh Kancharla (ME-IE)	Estimation and Simulation of Minor losses for Flow Through Pipes Using CFD	Dec – 2015
Ahmed Abd Ulameer Arab (ME-CEM)	Life Cycle Assessment and Cost Estimation Using Building Information Modelling	Oct - 2016
A. Raju (ME-CEM)	Analysis of Impact on Land Use by Using Linear Regression Model – A Case Study	Nov – 2016

K Deepak (ME-WRE)	Cost Comparison Analysis for Water Distribution Network System – A Case Study	24-08-2017
Penke Sampath Kumar (ME-IE)	Estimation and Simulation of Scour Around Two Different Types of Bridge Piers	05-03-2018
Kalithkar Rakesh (ME-CEM)	A Study on the Appropriate Selection of Contractor Using MCDM Methods	10-07-2018
P V Ramanayya (ME-WRE)	Hydrologic and Hydraulic Design of Cross Drainage Structure - A Case Study of Kundu Bridge	08-11-2019
Mohammad Zia Ullah Khan (ME-CEM)	Application of Last Planner System in Construction Works of Substation Project	18-09-2019
Navneethaam Lakshmikanth (ME-CEM)	Application of Fuzzy AHP & TOPSIS Method for Selecting the Suitable Bridge Construction Methods	08-01-2020
Musham Suresh (ME-WRE)	Simulation of Flow Characteristics of NACA 0015 Airfoil Using ANSYS	01-07-2020
Musham Suresh (ME-WRE)	Simulation of Flow Characteristics of NACA 0015 Airfoil Using ANSYS	01-07-2020
B Bharadwaj Varma (ME-CEM)	Critical Delay Analysis in Execution of Construction Projects	09-12-2020
Anusha Minnapuram (ME-WRE)	Simulation analysis for different arrangement of piers using ANSYS-CFD	07-01-2022
Adbul Rahman Zahidi	Estimation and Comparison of Runoff Using Extreme Learning Machine (ELM) Techniques	12-05-2024

Ph.D GUIDANCE:

Title: Evaluation of Environmental Impacts of Building Materials for Residential Projects and Experimental Analysis for Eco-friendly Bricks Through Partial Replacement of Clay Material with Glasswool

Name of Candidate: P Yashwanth

Date of Award: 02 November, 2024

CONTRIBUTION TO CORPORATE LIFE

- **Additional Controller of Examination**, Osmania University, from September 2025
- **Department Time table In-charge (UG & PG)**, Civil Engineering Department, UCE (A), O.U from 2014-15 to 2019-20, 2024-till date
- **Departmental Convener – BE – Working Professional** Admissions from 2023 – till date.
- **Department Library Incharge** from 2020 – 2024
- **Lab – Incharge** for Environmental Engineering Lab from 2012 to 2014 and 2020 – 2024

- **Joint Director – PG**, Examination Cell, College of Engineering (A), Osmania University, Hyderabad-07 from 26th June, 2019 – 17th December, 2021.
- **Overall coordinator - UG, Timetables**, University College of Engineering (A), OU from 2014-15 to 2019-2020
- **Lab – Incharge** for Computer Lab from 2015 to 2018.
- **Departmental Convener – ME PTPG Admissions** from 2013-2014, 2015-16, 2020-2021 and 2021-2022.
- **Departmental Placement Coordinator** – Finishing school activity – conduct of lectures from industry and institute personnel
- Involved in documentation of
 - ✓ Handbook information of Department
 - ✓ NAAC reports
 - ✓ IQAC information
 - ✓ NBA SAR - UG & PG-WRE (**NBA – Coordinator**)
 - ✓ UG Compliance Report
 - ✓ UGC Autonomous Report

Memberships in Professional Societies:

Life member of Institution of Engineers (India) (M-1735130)

CONFERENCES/WORKSHOPS/TRAINING PROGRAMMES CONDUCTED:

Title of the Workshop	Workshop Details (Number of days, Organized by, Dates etc)	Any Other Information
Soft Computing Applications in WRE, SCAWRE-2022	One-Day Workshop 31 st October, 2022, Department of Civil Engineering, UCE(A), OU, Hyderabad	Coordinator
Recent Modelling Approaches in Water Resources Engineering' (RMAWRE-2020)	Five-Day Online Faculty Development Programme, Department of Civil Engineering, UCE(A), Osmania University, Hyderabad, 17 th to 21 st August, 2020	Coordinator
Fundamentals of Drawing Using AUTOCAD	Three-Day Online Webinar, CED, UCE(A), OU, 21-23 May, 2020	Coordinator & Speaker
ISH-HYDRO-2019	International Conference, Department of Civil Engineering, UCE(A), Osmania University, Hyderabad, 18-20, December, 2019	Co-coordinator & Convener- Technical Committee
Applications of AUTOCAD to Engineering Graphics	One-Day Workshop, Department of Civil Engineering, UCE(A), Osmania University, 2 nd February, 2019	For Non-Teaching Staff, Coordinator and Speaker
Advanced Computing Applications in Civil Engineering (ACACE-2018)	National Conference, Department of Civil Engineering, UCE (A), OU, 20-21 April, 2018.	Convener
World Water Day	One Day National Seminar, CED, UCE(A), OU, Hyderabad 22 nd March, 2018	Coordinator

Engineering Research Methodology	2-Day workshop during 12- 13 Sept, 2014	Co-Coordinator
RRACE 2014	Two Day National Conference, CED, UCE, OU, 7 th – 8 th Nov, 2014	Convener
World Water Day 2014	National Seminar, CED, UCE(A), OU, Hyderabad 22 nd March, 2014	Co-coordinator

DEVELOPMENT OF E-LEARNING DEVLIVERY PROCESS / MATERIAL

YEAR	E-LEARNING MODULES / MATERIAL DEVELOPED
2016 – 2017	Online Quiz Examination Question Bank Subject: Construction Technology and Management (6 – Units)
	Online Quiz Examination Question Bank Subject: Water Resources Engineering (6 – Units)
	Online Quiz Examination Question Bank Subject: Ground Improvement Techniques (6 – Units)

SEMINARS/WORKSHOPS/TRAINING PROGRAMMES ATTENDED:

Title of the FDPs/Workshop/STTPs/STCs	Details (Number of days, organized by, Dates etc)	Any Other Information
Internal Audit for ISO Certification	IQAC Osmania University at E-Classroom, first floor, CFRD building on 25 th and 26 th September, 2025	Two-day Training program
Physical and Computational modelling techniques for River, Reservoir and its appurtenant structures	CW & PRS, Pune during 29 th to 31 st July, 2025	Online Training Course
Recent Trends and Innovations in Advanced Computing and Intelligent Systems	School of Computer Science and Engineering, VIT-AP University, Amaravati from 2 nd - 6 th June 2025	Faculty Development Program
NAAC Accreditation and Outcome Based Education through AI Powered Digital Learning	The Office of Dean, Development & UGC Affairs and Internal Quality Assurance Cell (IQAC), Osmania University From 3 - 5 March, 2025	Three Day National Workshop
Urban Water Modelling using MIKE+ Software	National Institute of Technology Jamshedpur (in Hybrid Mode), jointly organized by Department of Civil Engineering, National Institute of Technology Jamshedpur and DHI (India) Water & Environment Private Limited on 31 August - 4 September 2024	Workshop
Advances in Water Resources Engineering and Irrigation Management	Department of Civil, Sri Sivasubramaniya Nadar College of Engineering, Rajiv Gandhi Salai (OMR), Kalavakkam-603110, 3 rd to	Five Days Online Faculty Development Programme

	7 th January, 2022	
Urban Flood Modelling Techniques" (Online Mode)	Department of Civil Engineering, CVR College of Engineering, Hyderabad, sponsored by AICTE-ISTE, 10 th - 16 th December 2021	6-Day AICTE-ISTE Sponsored Refresher Program
Competence to Explore Artificial Intelligence World	Dr. Ambedkar Institute, Department of Electronics and Communication Engineering, of Technology, Bengaluru in association with IETE, 30 th Nov - 4 th Dec, 2021	One Week National workshop
Emotional Intelligence	Department of Mechanical Engineering, University College of Engineering, Osmania University, 8 th – 12 th November, 2021	AICTE Training and Learning (ATAL) Academy Online Elementary FDP
Project Planning & Control	NPTEL – AICTE, NPTEL21CE50S13582373, Jul – Sept 2021	Faculty Development Programme
Applications of Neuro-Fuzzy Techniques in Civil Engineering	Department of Civil Engineering, MVSR Engineering College, sponsored by AICTE, conducted during 7 th – 12 th Dec, 2020	One Week STTP
Applications of Remote Sensing & GIS in Water Resources	Department of Civil Engineering, NIT Andhra Pradesh, Tadepalligudem, AP, conducted during 19 th - 23 rd October 2020	Five Day Online FDP
Sustainable Engineering	Department of Civil Engineering, AU College of Engineering in association with Department of Energy and Environmental Engineering, CSIR-Indian Institute of Chemical Engineering, Hyderabad, conducted during 14 th – 18 th September, 2020	Five Day International Webinar
Hydrological Modelling Using RS & GIS with Special Reference to Climate Change	Department of Civil Engineering, AU College of Engineering, conducted during 7 th – 11 th September, 2020	Four Day National Faculty Development Programme Webinar
Environmental Resource Management Towards Sustainability'	Department of Civil Engineering, AU College of Engineering, conducted during 21 st – 24 th July, 2020	Four Day National Staff Development Programme Webinar
Climate Change Impact on Water Resources Management and Environment	Department of Civil Engineering, Andhra University in collaboration with Science City of Andhra Pradesh, conducted during 15 th – 19 th July, 2020	Five Day International Webinar
Technologies for Infrastructure Planning, Design, Monitoring and Management	organized by Nalla Malla Reddy Engineering College, Ghatkesar Mandal, Hyderabad during 16 th – 20 th June, 2020	Five Day Online Faculty Development Programme
Water Distribution Network Models Using EPANET	Department of Civil Engineering, Bapatla Engineering College,	One Day Webinar

	Bapatla, AP on 19 th June, 2020	
Air Pollution, Global Warming, Climate Change Society and Sustainability	Organized by Eco Club in association with Department of Humanities & Applied Sciences of K. C. College of Engineering & Management Studies & Research, Thane(E) conducted on 5 th June, 2020	Online Webinar
Water and Sanitation Management	The Institute of Engineers (India), Telangana State Centre, Hyderabad during 19 th – 20 th March, 2019	All India Seminar
Outcome Based Education and Accreditation	University College of Engineering, Osmania University on 18 th Dec, 2016	Awareness Workshop
Teaching Learning and Assessment Methodologies	13 th – 14 th Dec, 2016	Two Day Workshop
Computer Oriented Application in Civil Engineering	VNRVJIET, Hyderabad, 16 th – 28 th May, 2016	Faculty Development Programme
Urban Flood Modelling	NIT-Warangal, 10 th – 12 th Dec, 2015	Short term Course

OTHER INFORMATION

- **Reviewer** for IWA – Journal of Water & Climate Change from 2019 to till date
- Simulation of Flow Over Broad-Crested Weir Using ANSYS-CFD - **Best Research Paper Award**, International Conference on Advances in Science, Engineering and Technology, Puducherry, Paper ID: ICASET_50382, Pondicherry, Institute for Engineering Research and Publication **29th – 30th Dec, 2021**
- Co-Chaired for Technical Session- IV at National conference on Water, Environment and Society (NCWES-19), Centre for Water Resources, Institute of Science and Technology, JNTUH, Kukatpally, Hyderabad conducted **05 – 07 June, 2019**
- Co-Chairman for Technical Session- III - Hydrologic Parameter Estimation and Modeling at 4th National conference on Water, Environment and Society (NCWES – 2017), Centre for Water Resources, Institute of Science and Technology, JNTUH, Kukatpally, Hyderabad conducted during **16th – 18th March, 2017**

Registration IDs:

Particulars	Registration Number
Vidwan ID	582209
Scopus ID	57211491996
Web of Science Researcher ID	LZH-0674-2025
ORCID ID	0009-0000-9352-3959
Google scholar	F7mIB74AAAAJ

Prof. (Ms.) S V S N D L PRASANNA