

FACULTY PROFILE

Name of the Faculty:	Dr. R L R Nagendra Prasad					
Designation:	Assistant Professor					
Department:	Civil Engineering					
Date of Birth:	19-08-1979					
AICTE – ID:	1-2494382561					
Education	- B.Tech in Civil Engineering from Nagarjuna University in 2001 - M.Tech in Hydraulic Engineering Specialization from IIT Roorkee in 2003 - PhD in Water Resources Engineering specialization from Andhra University in 2022					
Experience	Teaching: 11.5 Years	Industry: 10 Years	Total: 21.5Years			
	Research: 0 Years	Others: 0 Years				
Research Specialization	Climate Change, Urban Hydrology					
Courses taught	1. Water Resources Engineering 2. Irrigation Structures 3. Fluid Mechanics 4. Hydraulics and Hydraulic Machines 5. Remote Sensing and GIS 6. Remote Sensing and Drone Technology					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	Urban stormwater management for sustainable and resilient measures and practices: a review	<i>Water Science & Technology</i>	2022	85(4)	1120-1140	SCIE
2	Trends of surface water	<i>Environmental</i>	2022	32(3)	111-	SCO

	quality of the Krishna River, India during the urbanization process	<i>Quality Management</i>			121	PUS
3	Trends of groundwater level and quality of the proposed Amaravati city, Andhra Pradesh, India	<i>Journal of Indian Water Resources Society</i>	2021	41(3&4)	1-9	Goo le Scholar
4	Trends of extreme flows of Krishna River at a barrage, India	<i>International Journal of River Basin Management</i>	2022	21(4)	723-729	SC OPUS and ESCI
5	Stormwater Reuse for Water Sensitive City – Integrated Analysis of Urban Hydrology for efficient alternatives	<i>Water Science and Technology</i>	2023	88(12)	3151-3167	SCI E
6	Climate change impacts assessment on precipitation within and around an urbanizing city under shared socioeconomic pathways	<i>Journal of Earth System Science</i>	2024	133, 193		SCI E
7	Characteristics of Discharge of Skew Side Sluice Gate	<i>Journal of Applied Water Engineering and Research</i>	2024		1-14	ES CI
8	Key Drivers of Extreme Precipitation and Runoff and their trend for Indian Cities in climatic variation under Shared Socioeconomic Pathways	<i>Sadhana</i>	2025	50(318)		SCI E
9	Hourly and Quarter-Hourly Future Precipitation Trends and their implications in Urban Context in Climatic Change	<i>Acta Geophysica</i>	2026	74(78)		SCI E
10	Climate change and groundwater contamination: out-of-sight and hidden threat	<i>Groundwater for Sustainable Development</i>	2026	101599		SC OPUS and ESCI
11	Climatic variation impacts on Water Resources Systems with and without Shared Socioeconomic Pathways Consideration – A Review	<i>Water Resources Management</i>	2026	40(504)	1-19	SCI E

Books published: NA

S. No.	Title of the book	Publisher	year
1			

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	Network Model for Sustainable and/or Resilient Integrated Stormwater Management of a Water Sensitive City – A Case Study	<i>Recent Developments in Sustainable Infrastructure</i> (ICRDSI-2020)—GEO-TRA-ENV-WRM	SPRINGER NATURE	2022
2	Evaluation of Impacts of Climate Change on Temperature Variation – The Case Study of Amaravati City, India	Climate Change Impact on Water Resources	SPRINGER NATURE	2023
3	Climate change vulnerability assessment, risk management, and risk assessment and methodologies	Climate Change, Drinking Water Security, and Public Health	SPRINGER NATURE	2026
4	Climate change mitigation strategies for drinking water	Climate Change, Drinking Water Security, and Public Health	SPRINGER NATURE	2026

Details of Patents (Filed & Granted): NA

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1				

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized: NA

S.No.	Name of the event	Role	Dates
1			

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	<i>ICRDSI'20 – International Conference</i>	KIIT Bhubaneswar	18-21 Dec'20
2	<i>HYDRO'20 – International Conference</i>	NIT Rourkela	26-28, Mar'21
3	<i>HYDRO'21 – International Conference</i>	NIT Surat	23-25, Dec'21
4	4-day national staff development program	Andhra University	21-24 Jul'20
5	5-day national staff development program	Andhra University	7-11 Sep'20
6	5-day international webinar	Andhra University and department of Energy and Environmental Engineering, CSIR-IICT	14-18 Sep'20
7	AICTE sponsored one-week ONLINE STTP	GVPCE, Visakhapatnam	24-29, Aug'20
8	Six day FDP	Mangalam College of Engineering, Kottayam	25-30, Oct'21
9	Webinar	Department of Civil Engineering, College of Engineering, Pune	23-24, Jul'20
10	DST-SERB sponsored five-day workshop	department of Civil Engineering, NIT, AP	13-17 Jun'22
11	National conference	Department of Civil Engineering, NIT Jamshedpur	20-21, Feb'21
12	Five-day online FDP	University College of Engineering, Osmania University	17-21, Aug'20
13	International Conference	IIT Guwahati and IIT Jammu	30 th May – 1 st Jun'22
14	Two-day workshop	Researcher Academy, Elsevier	23-24, Jul'20
15	AICTE sponsored one-week online STTP, Phase-II	Shri Vishnu	17-08-2020 to 22-

		Engineering College for Women, Bhimavaram	08-2020
16	Webinar	Department of Civil Engineering, S V University College of Engineering, Tirupati	28 th Jul'21
17	Virtual conference	NITK Surathkal	15-20, Mar'21
18	HYDRO'19 international conference	Department of Civil Engineering, Osmania University and ISH Pune	18-20, Dec'19
19	2-day ONLINE workshop	Bapatla Engineering College, Bapatla	
20	Online FDP	Department of Civil Engineering. R.V.R & J.C. College of Engineering, Chowdavaram. Guntur in association with Indian Geotechnical Society. Guntur Chapter	27-10-22 to 26-11- 22
21	Online FDP	Department of Civil and Mechanical Engineering, M V G R College of Engineering, Vizianagaram	17 th to 21 st , November 2025
22	Webinar	MACCAFERRI	14 th November 2025
23	Online FDP	Department of Electronics and Communication	15 th to 20 th December 2025

		Engineering, AITAM, Tekkali	
24	FDP	Institution Innovation Council, IIC of Bapatla Engineering College	9 th to 11 th July 2025
25	FDP	DIET Vijayawada in association with Indian Concrete Institute, Local Chapter Vijayawada	15 th to 19 th December 2025
26	Webinar	IWA/IAHR committee and EAWAG, Switzerland	14-Dec-22
27	FDP	Department of Physics, BEC	25-27, Feb'26
28	ONLINE FDP	Department of Civil Engineering, BEC	10-14, Aug'26

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	IISc YEFP-2000	IISc Bangalore	2000

Details of project proposals submitted/sanctioned/completed: NA

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution: NA

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 12	Ongoing: 1
2	PG	Completed: NA	Ongoing: NA
3	PhD	Completed: NA	Ongoing: NA

Administrative experience

S.No.	Role	Duration (From – to)
1	UG Project Co-Ordinator	2018-To Date
2	Library Advisory Committee member	2023-To Date
3	MOOCS Committee Member	2024-To Date
4	IPA Student Chapter Co-Ordinator	2023-To Date
5	GATE Co-Ordinator	2017-2019
6	Departmental Faculty Appraisal Evaluation Committee Member	2024-2025
7	Anti-Ragging Squad Committee Member	2017-2025

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=ptBhxm4AAAAJ&hl=en
SCOPUS	57475245500
Web of Science	HHS-5929-2022
Vidwan ID	324027

Any other relevant information

Dr. R L R Nagendra Prasad
28-08-26