

FACULTY PROFILE

Name of the Faculty:		Mr. S.Ganapathi Prasad				
Designation:		Assistant Professor				
Department:		Civil Engineering				
Date of Birth:		14 – 08 -1984				
AICTE – ID:	1 - 424168471					
Education	- B.Tech in Civil engineering from S R K R Engineering College in 2006 - M.Tech in Water Resources Engineering from NIT Warangal in 2009 (Ph.D) Pursuing in Civil Engineering at Andhra University					
Experience	Teaching: 17 Years 2 month	Industry: 10 months	Total: 18 Years			
Research Specialization		Water Resources Engineering, Reservoir Operation, Soft Computing Techniques.				
Courses taught	1. Fluid Mechanics 2. Hydraulics & Hydraulic Machines 3. Water Resources Engineering 4. Irrigation Structures 5. Python Programming 6. Hydraulics & Hydraulic Machines Lab 7. Computer Applications in Civil Engineering (CACE) Lab 8. MAT Lab 9. Remote Sensing & GIS Lab 10. Irrigation Structures Lab 11. IT Workshop Lab 12. Auto-Cad Lab 13. Python Programming Lab 14. Engineering Graphics Lab 15. Engineering Mechanics & Surveying Lab 16. Environmental Science					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	Digital Land Survey using Drone Technology and QGIS in Andhra Pradesh	International Journal of Innovative Research in Technology (IJIRT)	2025	12	Issue 7 1445-1447	Google scholar

2	Design and Analysis of Gravity Dam by using Staad Pro	International Research Journal of Engineering and Technology (IRJET)	2024	11	Issue 4	Google scholar
3	Area Allocation of Major Crops in Bapatla District using Linear Programming	International Journal of Innovative Research in Technology (IJIRT)	2024	10	Issue 11	Google scholar
4	Real Time Optimal Crop Planning Using Fuzzy Linear Programming – A Case study	Pensee International Journal	2021	51	147-149	Google scholar

Books published

S. No.	Title of the book	Publisher	year
1			

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1				

Details of Patents (Filed & Granted)

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

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

S.No.	Name of the event	Role	Dates
1	A Five-Day Online Faculty Development Programme (FDP) on “EMERGING AI TECHNOLOGIES AND THEIR APPLICATIONS IN CIVIL ENGINEERING”, by Department of Civil Engineering, Bapatla Engineering College	Convener	10-08-2026 to 14-08-2026
2	A One day guest lecturer on “Career Opportunities for Civil Engineers in view of Renewable Energy”, by Department of Civil Engineering, Bapatla Engineering College	Coordinator	22-01-2025
3	A One day workshop on “QGIS for	Coordinator	19-10-2024

	civil engineers (Hands on training with real world examples”, Department of Civil Engineering, Bapatla Engineering College		
4	SMART INDIA INTERNAL HACKATHON - 2023	Convener	25-09-2023 to 26-09-2023
Details of Conferences/FDPs/STTPs/webinars/Workshops Participated			
S.No.	Name of the event	Organized by	Dates
1	A 5 Day Online FDP on “Applications of Artificial Intelligence & Machine Learning in Civil Engineering (AAMCE)”	Department of Civil Engineering, R.V.R&J.C College of Engineering	17-09-2026 to 21-08-2026
2	A One-week National Level Online FDP on “Sustainable Groundwater Management: Exploration, Quality Assessment and Aquifer Characterization”	Department of Civil Engineering, in collaboration with SES Germany, PCERF, and IEI Kolhapur	30-03-2026 to 03-04-2026
3	A 5 Day Online FDP on “Trends, Applications, and Future prospects of Artificial Intelligence & Machine Learning in Civil Engineering”	Panipat Institute of Engineering & Technology	12-03-2026 to 17-03-2026
4	A 5 Day Online FDP on “Recent Advances and Emerging Trends in Civil Engineering”	Swarnandhra College of Engineering	02-03-2026 to 06-03-2026
5	NEP 2020: A Visionary pathway to outcome – based education (OBE)	Bapatla Engineering College	29-01-2026
6	A 6 day FDP on Sustainable materials and manufacturing: paving the way for a circular economy	Kamaraj college of engineering & technology	19-01-2026 to 24-01-2026
7	8th International conference on recent advances in composite materials (ICRACM-2025) Resilient spillway design with hybrid fiber reinforced ternary concrete	Indian Institute of Technology (BHU), Varanasi	02-12-2025 to 04-12-2025
8	A 5 day FDP on Recent advances in composite materials: integrating modeling and experimental approaches	MVGR college of engineering	17-11-2025 to 21-11-2025
9	Emerging technologies & sustainable practices in civil engineering (ETSPCE-25)	Vidya Jyothi institute of technology	15-09-2025 to 19-09-2025
10	ATAL FDP on the role of industry 4.0 in Civil Engineering for future	Bapatla Engineering	18-08-2025 to 23-

	construction	College	08-2025
11	A 5 day FDP on Emerging Trends in Civil Engineering	KL University	07-07-2025 to 11-07-2025
12	Webinar on Mapping the Future: Exploring Photogrammetry with Pix4D and Beyond	Presidency University Bngalore	14-05-2025
13	A ONE DAY ONLINE FDP ON AI & ML IN CIVIL ENGINEERING	SRI RANGANATHAR INSTITUTES OF ENGINEERING AND TECHNOLOGY	12-05-2025
14	ATAL FDP on Automation in Civil Engineering	PACE Institute of Technology	03-02-2025 to 08-02-2025
15	One week National Level Online FDP on Outcome Based Education and Application of Generative AI in Teaching and Research	The Exam Cell Of Government college for women(Autonomous)	02-01-2025 to 11-01-2025
16	A 5 day Online FDP on Advanced Materials and Techniques for the Repair and Strengthening of concrete structures (AMRTC-24)	R.V.R&J.C College of Engineering	23-09-2024 to 29-07-2024
17	A One week FDP on Recent Advances in Civil Engineering	PRASAD.V.POTLURI SIDDHARTHA Institute of technology	09-09-2024 to 13-09-2024
18	A NPTEL FDP Course on Design Thinking - A Primer	Government of India	JUL - AUG 2024
19	International Conference on advancement in science, engineering and management (ICASEM)	Vidya vihar of technology, Bihar	30-05-2024 to 31-05-2024
20	National IPR Awareness Mission	IP office, India	26-04-2024
21	Fourth International Conference of Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT) on "Simulation of Reservoir Daily Water Levels using Artificial Intelligence Methods – A Case Study of Srisailem Reservoir"	Department of Civil Engineering, SVNIT, Surat	SEPT 2023
22	One week FDP on Advanced National Language Processing	BAPATLA ENGG COLLEGE	3 RD -7 TH OCT 2023
23	A NPTEL course on Optimization Methods for Civil Engineering	AICTE	Jul-Oct 2022
24	Modelling Approaches in Structural Engineering	Department of Civil Engineering, Lakireddy Balireddy	30-03-2022 to 02-07-2022

		College of Engineering	
25	Optimization of Real Time Reservoir Operation Using ANFIS”, International Virtual Conference on Innovative in Hydrological and Environmental Systems (ITHES – 2021)	Department of Civil Engineering, NIT Warangal	28 th to 30 th April, 2021
26	Innovation Ambassador advanced training programme conducted by MoE Innovation Cell and AICTE	MoE Innovation Cell and AICTE	30-06-2021 to 30-07-2021
27	AICTE Sponsored one week online short term training programme on "Soft Computing Techniques in Civil Engineering: Water Resources, Structures and Transportation applications"	Andhra University	25-01-2021 to 06-02-2021
28	A Five day Online Faculty Development Program on "Universal Human Values and Professional Ethics" in association with JNTU, Kakinada.	JNTU, Kakinada	13-05-2020 to 17-05-2020
29	A Short-term Course on "Building Information Modelling"	Bapatla Engineering College	18-12-2018 to 20-12-2018
30	A Two-day workshop on "Recent Trends in Pavement Engineering"	Bapatla Engineering College	16-02-2018 to 17-02-2018
31	A One-week staff development program on “Advanced Methods of Surveying with Total Station and GPS”	Department of Civil Engineering, MVGR college of engineering	07-05-2012 to 12-05-2012
32	A Two-day workshop on “Emerging Trends in water supply sector”	Department of Civil Engineering, NIT Warangal	13-04-2012 to 14-04-2012

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best Teacher Award	Bapatla Engineering College	2024

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
1	Sustainable Low Carbon Railway Sleepers – An Alternative Way	Government Of India Ministry of Science & Technology National Programme on Nano Science and Technology (NPNST)	Submitted	10.6L	2024

Consultancy contribution

S.No.	Year	Amount	Details
1	2025	>25000	Soil Testing

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 26	Ongoing: 2
2	PG	Completed: 0	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	In-charge of Department Library	21.07.2009 – till now
2	In-charge of Hydraulics & Hydraulic Machines Lab	20.06.2011 – till now
3	In-charge of Department Time Table	10.06.2010 – 15.04.2014
4	Coordinator of Civil Engineering Association (CEA)	15.06.2015 – 20.08.2017
5	Exam Section Officer	15.06.2015 – 25.07.2017
6	Coordinator of Centre for Innovation Incubation and Entrepreneurship (CIIE) Committee	20.08.2019 – 20.06.2024

7	Coordinator of Library Adviser Committee	20.08.2019 – 28.04.2023
8	Coordinator of Central Admissions Committee	05.05.2020 – 25.01.2026
9	Exam Section Officer & Squad member	04.12.2023 – 25.07.2025
10	Department NAAC & NBA Coordinator	2012, 2023, 2024 & 2026
11	Coordinator of BECTAGON	2014, 2016, 2019, 2024, 2025
12	Member of Stock verification officer	2023, 2024 & 2025
13	Coordinator of department Fresher's Day	2024 & 2025
14	Department Magazine Coordinator	6 years

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=9sXJSLEAAAAJ&hl=en
SCOPUS	
Web of Science	
Vidwan ID	https://vidwan.inflibnet.ac.in/profile/324218

Any other relevant information

Life membership of The Indian Society for Hydraulics (ISH)
Innovation Ambassador Training (Advanced Level), MoE & AICTE
6th Rank secured on Andhra Pradesh R-set exam

S.Ganapathi Prasad
31-08-2026