

FACULTY PROFILE

Name of the Faculty:		Dr. CH. Maruthi Devi		 Photo		
Designation:		professor				
Department:		Civil Engineering				
Date of Birth:		26.07.1970				
AICTE – ID:	1-7415886968					
Education		- B.Tech in Civil Engineering from Bapatla Engineering College, Bapatla, Acharya Nagarjuna University in 1992 - M.Tech in Environmental Engineering Specialization from University Visweswaraya College of Engineering, Bangalore University in 1997. - PhD in Civil Engineering specialization from Andhra University in 2014.				
Experience		Teaching: 28 Years	Industry: ____ Years	Total: 28 Years		
		Research: ____ Years	Others: ____ Years			
Research Specialization		CIVIL ENGINEERING WITH ENVIRONMENTAL SPECIALIZATION				
Courses taught		1. Environmental Engineering 2. Air Pollution and Control 3. Estimation and Costing 4. Strength of Materials etc.				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	ASSESSMENT AND MAPPING OF WATER QUALITY INDEX IN PRAKASAM DISTRICT, A.P. USING GEOGRAPHICAL INFORMATION SYSTEMS	INTERNATIONAL JOURNAL OF GEOMATICS AND GEOSCIENCES	2013	VOL.3, NO.3	P. 416-424	

2	A STUDY ON GROUND WATER QUALITY USED FOR IRRIGATION IN PRAKASAM DISTRICT OF A.P.,INDIA USING GEOGRAPHICAL INFORMATION SYSTEMS	BONIFRING INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING AND MANAGEMENT SCIENCE	2012	VOL.2, NO.3	P.28-32	
3	STUDY ON GROUND WATER QUALITY IN PRAKASAM DISTRICT AND ITS SUITABILITY FOR DRINKING	NATURE ENVIRONMENT AND POLLUTION TECHNOLOGY	2011	VOL.10, NO.3	P.48 1-483	

Books published

S. No.	Title of the book	Publisher	year
1	AI IN STRUCTURAL ENGINEERING	JEC PUBLICATION	2026

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	492309-001	AI POWERED SITE INSPECTION ROBOT	23/2/2026	DESIGN PATENT GRANTED
2	491372-001	AI BASED CONCRETE CRACK WIDTH DETECTION DEVICE	17/2/2026	DESIGN PATENT GRANTED

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

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	CONFERENCE: 85 th INDIAN SCIENCE CONGRESS FORUM	OSMANIA UNIVERSITY,	1998

		HYDERABAD	
2	FDP: THE ROLE OF INDUSTRY4.0 IN CIVIL ENGINEERING FOR FUTURE CONSTRUCTION	AICTE TRAINING AND LEARNING(ATAL) ACADEMY	18/8/2025 TO 23/08/2025
3.	SYMPOSIUM: NEP 2020: A VISIONARY PATHWAY TO OUTCOME – BASED EDUCATION	BAPATLA ENGINEERING COLLEGE	JAN.2026

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	LM34512(Life Member)	Indian Society for Technical Education (ISTE)	2003
2	AQMA-22E-0058(ASSOCIATE MEMBER)	AIR QUALITY MANAGEMENT ASSOCIATION	2024

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
1.	Locally available material is used as a coagulant in wastewater treatment	APCOST	COMPLETED	RS.5000/-	(2000-2001)
2.	Removal of Chromium (VI) by using Ablesmuscus Esculentus	APCOST	COMPLETED	RS.5000/-	(2001-2002)
3.	Removal of Copper by using Fly Ash and Powdered Activated Charcoal	APCOST	COMPLETED	RS.5000/-	(20002-2003)

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number
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1	UG	Completed: 36	Ongoing: 01
2	PG	Completed:	Ongoing:
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	PEINCIPAL, BAPATLA WOMEN'S ENGINEERING COLLEGE, BAPATLA	(2014-2018)

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.co.in/citations?user=1_H_1jwAAJ&hi=en
SCOPUS	
Web of Science	0000-0002-1542-3036
Vidwan ID	324796

Any other relevant information



(Name)
(Date)