

FACULTY PROFILE

Name of the Faculty:	Bayyavarapu Ravi					
Designation:	Assistant Professor					
Department:	Civil Engineering					
Date of Birth:	10-02-1991					
AICTE – ID:	1-2335972634					
Education	- B.Tech in Civil Engineering from RVR&JC College of Engineering in 2012 - M.Tech in Structural engineering Specialization from IIT Guwahati in 2014					
Experience	Teaching: 11 Years	Industry: Nil	Total: 11 years			
Research Specialization	Stability and Fatigue analysis of steel structures and bridges, behaviour of CFST members					
Courses taught	1. Design of steel structures 2. Structural Analysis 3. Solid Mechanics 4. Bridge Engineering 5. Engineering Mechanics 6. Advanced Structural Analysis 7. Theory of plates and shells 8. Matrix methods of structural analysis					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	Evaluation of axial load carrying capacity of CFST columns	Springer	2023	346	247-257	SCOPUS
2	Utilization of Fly Ash and Coconut Shell as Sustainable Alternatives in M30 Grade	IOP-Earth And Environmental Science	2023			WEB OF SCIENCE

	Concrete: A Feasibility Study					
3	Prediction of mechanical and tensile properties of self -compacting concrete incorporating fly ash and waste copper slag by ANN	IETA	2024			SCI
4	Effect of Lightweight Aggregates and Industrial By-Products on the Mechanical Properties of Geo-polymer Concrete Under Different Curing Regimes	Conference	2025			

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	5 days Short term training course on ETABS and REVIT structures	Coordinator	6th- 11th of January, 2020
2	Constructing Careers:: Aligning pedagogical foundations with industry's evolving super structure	Coordinator	10 th of OCT 2025

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

S.No.	Name of the event	Organized by	Dates
1	Current trends in research	BVRIT College of Engineering	26-09-22 to 30-09-22
2	MATLAB Basics	AU College of Engineering	12-12-22 to 24-12-22
3	Design of connections in steel structures	IIT Hyderabad	24-08-22 to 28-09-22 Four Weeks
4	Advanced materials and techniques for the repair and strengthening of concrete structures	RVR&JC college of engineering	23-09-24 to 27-09-24
5	REVIT Architecture, MSME technology	Govt of India	15-07-24 to 14-08-2024

Details of project proposals submitted/sanctioned/completed

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

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 12	Ongoing: 1
2	PG	Completed: 5	Ongoing: Nil
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	Class Coordinator	2015-Till Date
2	News Letter Co-Ordinator	2020 – Till Date
3	Exam Squad	2021- 2023

4	BECAP Coordinator	2024- Till date
Research credentials		
Index/database	ID/Link	
Google Scholar	https://scholar.google.com/citations?user=UiE1hvwAAAAJ&hl=en	
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58712528000	
ORCID	https://orcid.org/0000-0002-1488-5263	
Vidwan ID	https://vidwan.inflibnet.ac.in/profile/324634	
Any other relevant information		
B.Ravi 28/02/26		