

## **Faculty Profile**

(Provide the information for last five years from 2020-21 to 2024-25)

1. Name of the faculty : RAGHAVENDRA N
2. Name of the Department : CIVIL DEPARTMENT
3. Present position : ASSISTANT PROFESSOR
4. Educational qualifications : M.E

(Degree onwards)

Degrees	Class/ Grade	University/ Institution	Stream Regular/ Distance	Year of award
Ph.D.	Pursuing	VTU	Part Time	-
PG Degree	FC	BU	Highway Engineering	2016
UG Degree	FCD	VTU	Civil Engineering	2013
Other/s				

5. E-mail and contact number : [raghavendra.cv@drait.edu.in](mailto:raghavendra.cv@drait.edu.in) (8867448482)
6. Date of Joining the Institute : 04-04-2022
7. Total teaching experience : (Mention in Reverse chronological order)

Year		Designation	AICTE Approved Institutions	Dr. AIT	Academic- Administrative Responsibility held
From	To				
4 <sup>th</sup> April 2022	Till date	Assistant Professor	Dr. AIT		Exam Coordinator, NSS Coordinator
4 <sup>th</sup> OCT 2021	31 <sup>st</sup> March 2022	Assistant Prof	Don Bosco Institute of Technology		NSS Coordinator
4 <sup>th</sup> Feb 2016	31 <sup>st</sup> Sept 2021	Assistant Prof	Brindavan College of Engineering		NSS Coordinator

8. Specialization : Highway Engineering
9. Courses taught : Highway Engineering, Railways, Traffic,
10. Research experience : Nil

11. Major research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI.

Academic Year	Major Project Title	Date of Sanction	Funding agency	Duration	Sanctioned Amount	Grant Received	PI or Co-PI	Outcome of the Research
2024-25								
2023-24								
2022-23								
2021-22								
2020-21								

12. Minor research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI.

Academic Year	Minor Project Title	Date of Sanction	Funding agency	Duration	Sanctioned Amount	Grant Received	PI or Co-PI
2024-25							
2023-24							
2022-23							
2021-22							
2020-21							

### 13. Guidance / Supervision

- i) Number of students successfully awarded Ph.D. degree: Name of the student, topic of research, date of registration, Research Centre/University, date of declaration of Ph.D. degree.

Sl. No	USN No.	Student Name	Research Topic	Date of Registration	Research Centre/University	Date of Declaration of PhD

- ii) Number of students registered for Ph.D. degree: Name of the student, topic of research, Research Centre/University, date of registration.

Sl. No	USN No.	Student Name	Research Topic	Date of Registration	Research Centre/University	Status

- iii) Number of students awarded M.Tech by Research: Name of the student, topic of research, date of registration, Research Centre/University, date of declaration of M. Tech. degree.

Sl. No	USN No.	Student Name	Research Topic	Date of Registration	Research Centre/University	Date of Declaration of M. Tech

14. Participation in conferences, symposia, seminars and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.

International Conference			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/ Chaired Session/ Resource Person
2020-21			
2019-20			
2018-19			
2017-18			
2016-17			
National Conference			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/ Chaired Session/ Resource Person
2024-25			
2023-24			
2022-23			
2021-22	ICRASTEM-2022	Brindavan College of Engineering (29 <sup>th</sup> and 30 <sup>th</sup> April 2022)	Presented Paper
2020-21			

Symposia/ Seminars/ Workshops						
Sl.No	Academic Year	Title	Symposia/ Seminars/ Workshops	Venue and Date	Inter national/ National/ State/ University Level	Attended/ Presented
1.	2024-25					
2.	2023-24					
3.	2022-23					

4.	2021-22					
5.	2020-21	Concept , Theory and Practices of road Pricing schemes	Workshop	BITS-Piani, Hyderabad (6 <sup>th</sup> and 7 <sup>th</sup> March 2020)	International	Attended

**15. Innovative processes developed in teaching and learning:**

Implementation and preparation of innovative teaching-learning methodologies (excluding common methods such as PPTs, flipped classrooms, quizzes, etc.) over the last **five academic years**.

Sl.no	Academic ye	Odd/Even Sem	Course	Short description of the Activity	Remarks
1.	2024-25	ODD Even	Concrete Technology Bitumen Pla	Industrial visit	
2.	2023-24				
3.	2022-23				
4.	2021-22				
5.	2020-21				

**16. Participation in curricular development:**

Sl.no	Academic year	Odd/Even Sem	Course	Short Description of the Course Content
1.	2024-25			
2.	2023-24			
3.	2022-23			
4.	2021-22			
5.	2020-21			

**17. Participation in co-curricular and extra-curricular activities:**

Sl.no	Academic year	Odd/Even Sem	Type of the activity (Co-curricular/ Extra Curricular)	Short Description of the Activity
6.	2024-25	Odd & even	NSS	School students clas training
7.	2023-24	Odd & even	NSS	School students clas training
8.	2022-23			
9.	2021-22			
10.	2020-21			

18. Examination /Evaluation reforms initiated:

19. Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, h-index. Numbers in SCOPUS.

Journal Publication						
Academic Year	Research Paper Title	Journal Name	Date of Publication/P age Numbers	Impact Factor/h-index/Number in SCOPUS	peer reviewed/non-peer reviewed	National / International
2024-25						
2023-24	Experimental Behavior of steel fiber reinforced concrete with partial replacement of Gold mine waste for fine aggregates	Nano World	13 <sup>th</sup> OCT 2023 (S381 to S384)	Scopus	Peer Reviewed	International
2022-23						
2021-22	Optimizing U-turn Vehicle movement and signal phasing using Vissim	International Journal of Health Sciences	22 <sup>nd</sup> july 2022	Scopus	Peer Reviewed	International
2020-21						
Conference Proceedings						
Academic Year	Research Paper Title	Conference Name	Venue	Date of Publication/Page Numbers	Impact Factor/h-index/Number in SCOPUS	National/ International
2024-25						
2023-24						
2022-23						
2021-22						
2020-21						

20. Books published: with ISBN No., Without ISBN No., Chapters in books.

<b>Academic Year</b>	<b>Title</b>	<b>Date of Publication/Page Numbers</b>	<b>ISBN Number</b>	<b>Book/Book Chapter</b>
2024-25				
2023-24				
2022-23				
2021-22				
2020-21				

21. Patents Published/Granted: National. International, commercialized:

<b>Academic Year</b>	<b>Patent Number &amp; Date of filing</b>	<b>Title</b>	<b>National /International</b>	<b>Published Date</b>	<b>Grant Date</b>
2024-25					
2023-24					
2022-23					
2021-22					
2020-21					

22. Consultancy services provided and revenue generated:

<b>Academic Year</b>	<b>Title of the project</b>	<b>Name of the Principal Investigator</b>	<b>Date of sanction &amp; Amount</b>	<b>Sponsoring Agency</b>	<b>Status</b>	<b>Remarks</b>
2024-25						
2023-24						
2022-23						
2021-22						
2020-21						

23. Conferences, seminars, symposia and workshops organized/Attended:

i) **Organised**

<b>Academic Year</b>	<b>Title of the workshop/FDP /Conference</b>	<b>Name of the Coordinator/s</b>	<b>Date</b>	<b>Sponsoring Agency</b>	<b>No. of participants</b>
2024-25	Challenges towards Zero waste management	Mrs. Supritha R M & Mr. Raghavendra N	(23 April to 25 <sup>th</sup> 2025)	Dr. AIT	Students

2023-24					
2022-23					
2021-22					
2020-21					

ii) Attended- **Conference/ seminars/ symposia/workshops**

Sl. No	Academic Year	Title	Type (National/International-Workshop/FDP/Seminar)	Dates Attended (Duration)	Organised by Department/College/University
1.	2024-25	1. The Role of Industry 4.0 in Civil Engineering for Future Construction  2.	ATAL FDP  ATAL FDP	18/08/2025 to 23/08/2025	<b>BAPATLA ENGINEERING COLLEGE</b>
2.	2023-24	1. Recent trends in Sustainable construction technologies	ATAL FDP	18/12/2023 to 23/12/2023	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT
3.	2022-23	1. Recent trends in material Technology	FDP	25 <sup>th</sup> April to 30 <sup>th</sup> April 2022	Sanskruithi School of Engineering
4.	2021-22	1. Sustainable Construction Materials 2. India's Strategic Transport Infrastructure development projects and programs. 3. Advances in Highway and technology 4. SBC of Soils & Early Distress of Bridges. 5. An Overview of Teaching Techniques in Earthquake Resistant Design of Structures	ATAL FDP ATAL FDP  FDP FDP  VTU Joint FDP	5 <sup>th</sup> July to 9 <sup>th</sup> July 2021  16 <sup>th</sup> Aug to 20 <sup>th</sup> Aug 2021 7 <sup>th</sup> to 11 <sup>th</sup> Feb 2022 21 <sup>st</sup> Sept to 26 <sup>th</sup> 2021  16 <sup>th</sup> to 20 <sup>th</sup> May 2022	Rajasthan Technical University, Kota  NIT, Suratkal  MSRIT  SJCIT  VTU, HRDC
5.	2020-21	1. Advanced Design of steel Structures  2. Concept, Theory and Practices of road Pricing	Workshop  Workshop	18 <sup>th</sup> July to 20 <sup>th</sup> July 2020 6 <sup>th</sup> Mar to 7 <sup>th</sup> Mar 2020	Brindavan College of Engineering BITS-Piani, Hyderabad (6 <sup>th</sup> and 7 <sup>th</sup> March

		schemes			2020)
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6. Number of collaborations:

<b>S. No</b>	<b>Industry Partner Details</b>	<b>Name of the expert and designation</b>	<b>Nature of Collaboration (e.g., Guest Lecture, Internship, MoU, Consultancy, Joint Research, Curriculum Development)</b>	<b>Date/Duration</b>	<b>Outcome/Impact</b>	<b>National/ International</b>

7. Professional Membership:

<b>Sl. No</b>	<b>Name of the professional body</b>	<b>Fellow/Life Member</b>
	Association of Consulting Civil Engineering	Life Member

8. MOOC / Online Courses developed / Delivered / Attended:

<b>Academic Year</b>	<b>Course Registered for</b>	<b>Duration</b>	<b>No. of Weeks</b>	<b>Credits</b>	<b>% Obtained</b>
2024-25					
2023-24					
2022-23					
2021-22	<b>Digital Land Surveying and Mapping</b>	<b>8 weeks</b>	<b>8 Weeks</b>	<b>3</b>	<b>65 %</b>
2020-21					

9. Awards /recognitions received: International, National, State, University level.

<b>Academic Year</b>	<b>Awards/Recognitions</b>	<b>Date and place</b>	<b>International/ National/ State/ University level</b>



2024-25			
2023-24			
2022-23			
2021-22			
2020-21			

10. Details of Involvement in Academic and Administrative Committees:

Responsibilities outside the institution: as External member (LIC, BOS, BOE, NBA, UGC, NAAC etc.)

Sl. No	Academic Year	Nature of Activity
1	2024-25	
	2023-24	
	2022-23	
	2021-22	
	2020-21	

11. Details of Outreach Activities

Member in NSS, NCC, Reviewer for Journals, Conference Chair, Technical Committee Member, etc.

Sl. No	Academic Year	Nature of Activity
1	2024-25	
	2023-24	
	2022-23	
	2021-22	
	2020-21	