

Faculty Profile

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

1. Name of the faculty : SHREYAS H C
2. Name of the Department : CIVIL ENGINEERING
3. Present position : ASSISTANT PROFESSOR
4. Educational qualifications : B.E., M.Tech.

(Degree onwards)

Degrees	Class/ Grade	University/ Institution	Stream Regular/ Distance	Year of award
Ph.D.	Pursuing (Dr.AIT/VTU)			
PG Degree	FCD	VTU/ NIE Mysuru	Regular	2014
UG Degree	SC	VTU/PESCE, Mandya	Regular	2011
Other/s	Nil			

5. E-mail and contact number : shreyashc.cv@drait.edu.in , 8722290569
6. Date of Joining the Institute : 21-08-2024
7. Total teaching experience : 10 Years

Year		Designation	AICTE Approved Institutions	Dr. AIT	Academic-Administrative Responsibility held
From	To				
21-08-2024	Till Date	Assistant Professor	-	Dr. AIT	Website Coordinator, NBA Criterion 3 Coordinator.
03-08-2015	20-08-2024	Assistant Professor	GCEM, Bengaluru.	-	Scholarship Coordinator, Sports Coordinator, Cultural Coordinator, Industrial Visit Coordinator, Hostel Warden.

8. Specialization : Hydraulics
9. Courses taught : Fluid Mechanics, Applied Hydraulics, Hydrology & Irrigation Engg., Elements of Civil Engineering, Municipal Waste Water Engineering, Environmental Studies, Environmental Protection and Management, Solid Waste Management, Concrete Technology, Samskrutika Kannada, Balake Kannada.
10. Research experience : -

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	Nil							

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
2020-21	Comparative probability analysis and estimation of Peak rainfall data for small catchments in various regions of Karnataka	2021	VTU	6 Months	Rs.5000	Rs.5000	PI

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
NA						

- 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
NA						

- 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
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						of M. Tech
Nil						

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
2024-25	One Day Global Immersion Training Program on “Immersive Technologies & Jobs of the Future”	University Putra, Malaysia on 22 nd July 2025	Attended
National Conference			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/ Chaired Session/ Resource Person
2024-25	87 th Kannada Sahitya Sammelana	Mandya, 20 th - 22 th December 2024	Attended and Published Book
2023-24	Nil		
2022-23	NCIACE-2022	GCEM, Bengaluru, 21 st June 2022.	Presented Paper
2021-22	16 th Kannada Vijnana Sammelana	Mangaluru, 15-17 th September 2021	Presented Paper
2020-21	Nil		

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	Building Information Modelling	Workshop	VTU Regional Centre, 26 th – 30 th August 2024	State	Attended
2.	2023-24	Nil				
3.	2022-23	Orientation Program for Translators & Reviewers on Technical Book Writing in	Workshop	VTU Studies for PG Studies, Muddenahalli, 14 th December 2022.	National	Attended

		Regional Language Kannada				
4.	2021-22	Artificial Intelligence in Mass Transportation	FDP	GCEM, Bengaluru, 21 st May 2022	National	Attended
5.	2020-21	Enhancement of Laboratory Skills with Hands on Training	FDP	GCEM, 5 th -10 th April 2021	State	Resource Person

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 year	Odd/Even Sem	Course	Short description of the Activity	Remark
1.	2024-25	Even	1. Hydrology & Water Resources Engineering	PPTs, Group Activities including awareness programs and Quizzes were organized, Site visits to make student understand practical applicability	
		Odd	1. Introduction to Civil Engineering 2. Environment Studies		

16. Participation in curricular development:

Sl.no	Academic year	Odd/Even Sem	Course	Short Description of the Course Content
1.	2024-25	Odd & Even	Hydrology and Irrigation Engineering, Applied Hydraulics	Member UG- BOS Question Paper Setter

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

Sl.no	Academic	Odd/Even Sem	Type of the activity	Short Description of the
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	year		(Co-curricular/ Extra Curricular)	Activity
1	2024-25	Odd & Even	Website Coordinator, AAKAAR Coordinator, Sports Coordinator	Updating Staff/Faculty profiles and department activities in the website as well as in the social media.
2	2023-24	Odd & Even	SSP Nodal Officer, Sports and Cultural Coordinator	Providing Assistance and guidance to the students for applying scholarships under various schemes and maintaining data. Planning and organizing cultural and sports activities in department as well as institute level.
2	2022-23	Odd & Even	SSP Nodal Officer, Sports and Cultural Coordinator	-
2	2021-22	Odd & Even	SSP Nodal Officer, Sports and Cultural Coordinator	-
2	2020-21	Odd & Even	Covid Cell Incharge, SSP Nodal Officer, Sports and Cultural Coordinator	Organizing Covid Testing and Vaccination Camps in the College. Providing Assistance and guidance to the students for applying scholarships under various schemes and maintaining data. Planning and organizing cultural and sports activities in department as well as institute level.

18. Examination /Evaluation reforms initiated: Question Paper Setting and Valuation, Room Invigilation

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/Page Numbers	Impact Factor/h-index/Number in SCOPUS	peer reviewed/non-peer reviewed	National/International
2020-21	Possibilities of Application of Pervious Concrete Slabs for Storm Water Carrying Drainages in Flood	IEI Centenary Publication, Civil Engineering	December 2020, Page No: 145-149	-	-	National

	Prone Areas of Bengaluru City	Division, “Flash Floods: Challenges and its Management”				
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	1. Validation of Passenger Car Unit Estimation Method Using Microscopic Traffic Simulation Model.	NCIACE – 2022	GCEM, Bengaluru	24 th June 2022, Page No: 50-54		National
	2. GIS Based Materials Information System For Rural Road Construction in Chikkaballapura District.	NCIACE – 2022	GCEM, Bengaluru	24 th June 2022, Page No: 55-57		National
	3. Recent Floods and Land Slides in Karnataka: Causes, Effects and Solutions.	NCIACE – 2022	GCEM, Bengaluru	24 th June 2022, Page No: 58-60		National
	4. Analysis and Design of Soft Storey Building with and without Bracing Using STAAD PRO.	NCIACE – 2022	GCEM, Bengaluru	24 th June 2022, Page No: 69-76		National
	5. Effect of Blast Furnace Slag on the Fracture Performance of Self Compacting Concrete.	NCIACE – 2022	GCEM, Bengaluru	24 th June 2022, Page No: 77-81		National
2021-22						
2020-21	Nil					

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

Academic Year	Title	Date of Publication/Page Numbers	ISBN Number	Book/Book Chapter
2024-25	Navab Haider Ali Khan Bahaddur – Ondu Danta Kathe	20 th December 2024/187	978-93-340-1165-4	Book
2023-24	Nil			

2022-23	Nil			
2021-22	Nil			
2020-21	Nisargada Rayabhari	1 st November 2020	978-93-5426-006-3	Book

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

Academic Year	Patent Number & Date of filing	Title	National /International	Published Date	Grant Date
2024-25	Nil				

22. Consultancy services provided and revenue generated:

Academic Year	Title of the project	Name of the Principal Investigator	Date of sanction & Amount	Sponsoring Agency	Status	Remarks
2024-25	Nil					

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

i) **Organised**

Academic Year	Title of the workshop/FDP /Conference	Name of the Coordinator/s	Date	Sponsoring Agency	No. of participants
2024-25	Nil				
2023-24	Nil				
2022-23	AICTE Tree Plantation Drive – 2023	Shreyas H C	8 th July 2023	GCEM	20
2021-22	Enhancement of Laboratory Skills with Hands on Training	Shreyas H C	5 th – 10 th April 2022	GCEM	12

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. Five Days Faculty Development Program on BIM	FDP	26 th to 30 th August 2024 (5 Days)	Organized by Medhini Technologies in association with VTU held at VTU regional centre Mysuru

		2. 87 th All India Kannada Sahitya Sammelana	Conference	20 th to 22 nd December 2024 (3 Days)	Organized by the Department of Kannada and Culture, Govt. of Karnataka in association with Kannada Sahitya Parishat held at Mandya
2.	2023-24	Nil			
3.	2022-23	1. Orientation Program for Translators & Reviewers on Technical Book Writing in Regional Language Kannada.	Workshop	14 th December 2022 (One Day)	VTU Centre for PG Studies, VIAT, Muddenahalli.
4.	2021-22	1. National Conference on Innovation and Advancement in Civil Engineering (NCIACE). 2. One Day FDP on Artificial Intelligence I Mass Transportation. 3. One Day Workshop on Total Station. 4. 16 th Kannada Vijnana Sahithya Sammelana	Conference FDP Workshop Conference FDP	24 th June 2022 (One Day) 21 st May 2022 (One Day) 20 th May 2020 (One Day) 15 th to 7 th September 2021 (Three Days)	GCEM, Bengaluru GCEM, Bengaluru GCEM, Bengaluru Mangaluru University (Mangaluru)
5.	2020-21	1. Six Days FDP on Enhancement of Laboratory Skills with Hands on Training	FDP	5 th to 10 th April 2021 (6 Days)	GCEM, Bengaluru.

24. Number of collaborations:

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

25. Professional Membership:

Sl. No	Name of the professional body	Fellow/Life Member
1	Kannada Sahitya Parishat	Life Member

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

Academic Year	Course Registered for	Duration	No. of Weeks	Credits	% Obtained
2024-25	Nil				

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

Academic Year	Awards/Recognitions	Date and place	International/ National/ State/ University level
2024-25	Nil		
2023-24			
2022-23			
2021-22			
2020-21	1. “KANAKASHRI” district level award for literary work from KSBCAF(R) in association with BDSA, Delhi. 2. Recognized by Kannada Pustaka Pradhikara for Written and Published Kannada Scientific Novel “ Nisargada Rayabhari”	4 th December 2020 at Mysuru 20 th January 2021 at Bengaluru	State State

28. 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	Nil
2	2023-24	
3	2022-23	
4	2021-22	
5	2020-21	

29. 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	Nil
2	2023-24	Nil
3	2022-23	Nil