

## **Faculty Profile**

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

1. Name of the faculty : Tejaswini B R
2. Name of the Department : Civil Engineering Department
3. Present position : Assistant Professor
4. Educational qualifications : ME, (Ph.D).

(Degree onwards)

Degrees	Class/ Grade	University/ Institution	Stream Regular/ Distance	Year of award
Ph.D.	Pursuing	Dr. AIT, VTU	Reinforced Earth Structures	-
PG Degree	FCD	UVCE, Bangalore University	Geotechnical Engineering	2013
UG Degree	FCD	Dr. AIT, VTU	Civil Engineering	2011
Other/s	-	-	-	-

5. E-mail and contact number : brtejaswinibr@gmail.com
6. Date of Joining the Institute : 19-11-2021
7. Total teaching experience : (Mention in Reverse chronological order)

Year		Designation	AICTE Approved Institutions	Dr. AIT	Academic- Administrative Responsibility held
From	To				
August 2013	February 2016	Assistant Professor	SVCE, Bangalore.		Class Teacher, CIE Coordinator, Lab In charge, Cultural Coordinator
February 2017	June 2017	Assistant Professor	AGMR, Gadag.		Class Teacher, Mentoring
August 2017	December 2017	Assistant Professor	ACS, Bangalore		Mentoring
February 2020	November 2021	Assistant Professor	EWCE, Bangalor		Class Teacher, Lab In charge
November 2021-	Till Date	Assistant Professor		Dr. AIT	Class Teacher, CIE Coordinator,

					Internship Coordinator, Mentoring.
--	--	--	--	--	------------------------------------

8. Specialization : Geotechnical Engineering
9. Courses taught : Basic Geotechnical Engineering, Foundation Engineering, Estimation and Valuation, Fluid Mechanics, Engineering Mechanics, Structural Analysis, Surveying, Hydrology and Irrigation Engineering Building Materials, OSHA, Environmental Studies,
10. Research experience : 7 years
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.	USN	Student	Research	Date of	Research	Date of Declaration
-----	-----	---------	----------	---------	----------	---------------------

No	No.	Name	Topic	Registration	Centre/University	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
2024-25	International Conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE – 2024)	BITS Pilani February 26-28, 2024	Attended
2024-25	JUTE GEOTEXTILES IN CIVIL ENGINEERING: SUSTAINABLE SOLUTIONS FOR THE FUTURE	IISC, Bangalore.	Attended
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			
2020-21			

Sl.No	Symposia/ Seminars/ Workshops					
	Academic Year	Title	Symposia/ Seminars/ Workshops/FDP	Venue and Date	International/ National/ State/ University Level	Attended/ Presented
1.	2024-25	FRONTIERS IN SUSTAINABLE AND RESILIENT PRACTICES IN CIVIL ENGINEERING	FDP	National Institute of Technology Goa from 09/12/2024 to 14/12/2024.	National	Attended
2.	2024-25	Sustainable and Smart Road Infrastructure at R.V. COLLEGE OF ENGINEERING	FDP	R.V. COLLEGE OF ENGINEERING 16/12/2024 to 21/12/2024.	National	Attended
3.	2023-24	Applications of Advanced Technologies in Disaster Management	FDP	GLOBAL ACADEMY OF TECHNOLOGY from 20/11/2023 to 25/11/2023.	National	Attended
4.	2022-23					
5.	2021-22					
6.	2020-21					

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				
2.	2023-24				
3.	2022-23				



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.

Academic Year	Title	Date of Publication/Page Numbers	ISBN Number	Book/Book Chapter
2024-25	Study on Performance of Footing and Effect of Reinforcement on Manufactured Sand Bed	23 <sup>rd</sup> March 2025	978-981-96-0754-9	Book Chapter
2023-24				
2022-23				
2021-22				
2020-21				

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

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

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						
2023-24						

2022-23						
2021-22						
2020-21						

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					
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/Coll ege/University
1.	2024-25	FRONTIERS IN SUSTAINABLE AND RESILIENT PRACTICES IN CIVIL ENGINEERING	FDP	09/12/2024 to 14/12/2024.	National Institute of Technology Goa
2.	2024-25	Sustainable and Smart Road Infrastructure at R.V. COLLEGE OF ENGINEERING	FDP	16/12/2024 to 21/12/2024.	R.V. COLLEGE OF ENGINEERING
3.	2023-24	Applications of Advanced Technologies in Disaster Management	FDP	20/11/2023 to 25/11/2023.	GLOBAL ACADEMY OF TECHNOLOGY
4.	2021-22				
5.	2020-21				

24. Number of collaborations:

S. No	Industry Partner Details	Name of the expert and designation	Nature of Collaboration (e.g., Guest Lecture, Internship,	Date/Duration	Outcome/Impact	National/ International
-------	--------------------------	------------------------------------	---	---------------	----------------	-------------------------

			<b>MoU, Consultancy, Joint Research, Curriculum Development)</b>			

25. Professional Membership:

<b>Sl. No</b>	<b>Name of the professional body</b>	<b>Fellow/Life Member</b>
1	Institution of Engineers	Associate member
2	Indian Society of Technical Education	Life Member
3	Indian Geotechnical Society	Life Member

26. 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	Strategies for Sustainable Design	<b>3 Months</b>	<b>12</b>	-	<b>61%</b>
2023-24	-	-	-	-	-
2022-23	<b>Geotechnical Engineering Laboratory</b>	<b>1 Month</b>	<b>4</b>	-	<b>76%</b>
2021-22	<b>Geotechnical Engineering-1</b>	<b>3 Months</b>	<b>12</b>	-	<b>70%</b>
2020-21					

27. 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	Best Paper Award	February 26 <sup>th</sup> – 28 <sup>th</sup> 2024	BITS PILANI
2022-23			
2021-22			



2020-21			
---------	--	--	--

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