

Faculty Profile

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

1. Name of the faculty : ASHWIN C A
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.				
PG Degree	FCD	VTU/ VTUPG Center Mysuru	Regular	2017
UG Degree	FCD	VTU/Dr. AIT	Regular	2012
Other/s				

5. E-mail and contact number : ashwin.cv@drail.edu.in , 9620555246
6. Date of Joining the Institute : 29-10-2021
7. Total teaching experience : (Mention in Reverse chronological order)

Year		Designation	AICTE Approved Institutions	Dr. AIT	Academic- Administrative Responsibility held
From	To				
29-10-2021	Till Date	Assistant Professor		Dr. AIT	PG Coordinator, Feedback Coordinator, Project Engineer for Civil Works.
12-02-2018	18-10-2021	Assistant Professor	PESCE Mandya		

8. Specialization : Structural Engineering
9. Courses taught : Engineering Mechancis, Structural Analysis, OSHA, Advanced Design of RC Structures, Design of RC & Steel Structures, Environmental Studies
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								
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
2024-25	International Conference on Advancements in Science, Engineering and Technology (ICASET-2024)	Bihar, 27-09-2024	Presented Paper
2023-24			
2022-23	International Analytics Conference (IAC-2023)	Hyderabad, 26-02-2023	Presented Paper
2021-22			
2020-21			
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			

Symposia/ Seminars/ Workshops						
Sl.No	Academic Year	Title	Symposia/ Seminars/ Workshops	Venue and Date	International/ National/ State/ University Level	Attended/ Presented
1.	2024-25	HANDS-ON TRAINING IN XRD AND DSC	Workshop	Bengaluru, 27-06-25	National	Attended

2.	2023-24	TECHNICAL PAPER WRITING AND PRESENTATION USING LATEX	Workshop	Bengaluru, 26-03-2024	State	Attended
3.	2022-23	SKILL DEVELOPMENT PROGRAM FOR PH.D. SCHOLARS	Workshop (SDP)	Bengaluru, 12-11-2022	National	Attended
4.	2021-22	INFORMATION AND COMMUNICATION TECHNOLOGY FOR CONSTRUCTION SECTOR	Workshop (FDP)	NIT Warangal (Online), 17-02-2022	National	Attended
5.	2020-21	GEOTECHNICAL ENGINEERING LABORATORY	FDP NPTEL	Sep 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	Even	Structural Analysis	Site visits to make student understand practical applicability	
2.	2023-24				
3.	2022-23				
4.	2021-22	Odd	Design and Drawing of RC Structures	Site visits to make student understand practical applicability	
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	Odd & Even	All Courses	Member PG- BOS & BOE
2.	2023-24	Odd & Even	All Courses	Member PG- BOS & BOE
3.	2022-23	Odd	All Courses	Member UG- BOE
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
1	2024-25	Odd	Project Engineer	Project engineer for civil works of PVPWT
2	2023-24	Odd & Even	Project Engineer	Project engineer for civil works of PVPWT
3	2022-23			
4	2021-22			
5	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	Analysis of Post-Tensioned flat slabbed structures with and without shear walls	TIJER	Sep 2023	8.57	Peer Reviewed	International

	Analysis of RC Multistorey building with Zipper bracing and Conventional bracing system.	TIJER	Sep 2023	8.57	Peer Reviewed	International
	Performance and Analysis of Reinforced Concrete Structure under Fire	TIJER	Sep 2023	8.57	Peer Reviewed	International
	Limestone Calcined Clay Cement (LC3) as an alternative supplementary cementitious material	TIJER	Sep 2023	8.57	Peer Reviewed	International
2022-23	Study on combination of Hypo Sludge and Silica Fume as a partial replacement to Cement in Concrete	IRJET	10-10-2023		Peer Reviewed	International
2021-22						
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		International Conference on Advancements in Science, Engineering and Technology (ICASET-2024)	Bihar	27-09-2024		International
2023-24						

2022-23		International Analytics Conference (IAC-2023)	Hyderabad	26-02-2023		International
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				
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	HANDS-ON TRAINING IN XRD AND DSC	Workshop	27-06-25	
2.	2023-24	TECHNICAL PAPER WRITING AND PRESENTATION USING LATEX	Workshop	26-03-2024	
3.	2022-23	SKILL DEVELOPMENT PROGRAM FOR PH.D. SCHOLARS	Workshop (SDP)	12-11-2022	
4.	2021-22	INFORMATION AND COMMUNICATION TECHNOLOGY FOR CONSTRUCTION SECTOR	Workshop (FDP)	17-02-2022	
5.	2020-21	GEOTECHNICAL ENGINEERING LABORATORY	FDP NPTEL	Sep 2020	

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

25. Professional Membership:

Sl. No	Name of the professional body	Fellow/Life Member
1	ACCE	Life Member

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

Academic Year	Course Registered for	Duration	No. of Weeks	Credits	% Obtained
2024-25					
2023-24					
2022-23	UNDERSTANDING RESEARCH METHODS	4 weeks	4	1	-
2021-22					
2020-21	Geotechnical Engineering Laboratory	4 Weeks	4	1	88%

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

Academic Year	Awards/Recognitions	Date and place	International/ National/ State/ University level
2024-25			
2023-24			
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	Odd & Even, Member PG BOS & BOE
2	2023-24	Odd & Even, Member PG BOS & BOE
3	2022-23	Member UG BOE
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	
2	2023-24	
3	2022-23	
4	2021-22	
5	2020-21	