

Faculty Profile

1. Name of the faculty : Dr. Sowmyashree T
2. Name of the Department : Civil Engineering Department
3. Present position : Assistant Professor
4. Educational qualifications : BE, M.Tech, Ph.D.

Degrees	Class/Grade	University/Institution	Stream	Year of award
Ph.D.	-	VTU/ BMSCE, Bengaluru	Civil Engineering	2024
PG Degree	FCD	VTU/ BMSCE, Bengaluru	Construction Technology	2014
UG Degree	FCD	VTU/ PESCE, Mandya	Civil Engineering	2011

5. E-mail and contact number : sowmyaragha@gmail.com
6. Date of Joining the Institute : 17-10-2025
7. Total teaching experience : 10 Years
Industry Experience : 2 Years

Year		Designation	AICTE Approved Institutions	Academic- Administrative Responsibility held
From	To			
04 08 2014	30 05 2017	Assistant Professor	VVIT, Bengaluru	Class Teacher, Project Coordinator, Internship Coordinator, Faculty Lab In charge
01 08 2017	30 11 2018	Assistant Professor	JIT, Davangere	Class Teacher, Project Coordinator
17 02 2020	09 07 2025	Assistant Professor	Presidency University, Bengaluru	Class Teacher, Project Coordinator, Internship Coordinator, Faculty Lab In charge, Research Faculty, Startup academic coordinator, NAAC coordinator, Administrative Committee member
17 10 2025	Till Date	Assistant Professor	Dr. AIT, Bengaluru	NBA Coordinator

8. Specialization : Construction Technology
9. Courses taught :
 - **BE (Civil Engineering)**
 - Surveying-I
 - Surveying Practice Lab-I
 - Extensive Survey Project

- Geo-Technical Engineering Lab
- Water Resources Engineering
- CAD Lab, CASP Lab
- Railway, Tunnel & Harbor Engineering
- Environmental and Hydraulics Lab
- Environmental Engineering
- Construction Management and Entrepreneurship
- Water supply and Treatment engineering
- Building materials and construction Technology
- Pre-fabricated structures
- Basic Engineering Sciences
- Industrial Project Management
- Municipal and industrial waste water engineering
- Environmental Engineering Laboratory
- Water resource system
- Environmental science and disaster management
- Railway, Tunnel & Airport Engineering
- Construction Project Management
- Digital Entrepreneurship
- Elements civil engineering and mechanics

➤ **M. Tech (Construction Technology)**

- Building Science
- Construction Quality, Risk & Safety Management
- Mechanization in Construction
- Construction Economics & Finance
- Pre-Engineered Construction
- Construction planning and scheduling

10. Research experience : 6 years (Part Time PhD)

11. Major research projects: 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
2024-25	Repurposing of voluminous Industry waste into Eco-friendly, Sustainable and Economically viable alternative housing material (Waste to Wealth)	10 08 2024	PU-Seedgrant	1 Year	Rs. 5,00,000/-	--	PI
2023-24	Investigation on geopolymers binder and blocks	16 01 2023	PU-Seedgrant	1 Year	Rs. 1,00,000/-	Rs. 1,00,000/-	PI

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
2022-23	An experimental study on Redmud based geopolymer bricks and mortar with flyash, silica fume, GGBS and metakaolin	11 May 2022	KSCST	6months	Rs. 6,000/-	Rs. 6,000/-	Guide

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
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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
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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	Year of Registration	Research Centre /University	Year of Declaration of M. Tech
1.	1VJ13CCT04	Arpitha D J	Experimental study on strength and durability properties of red mud as a partial replacement of cement with hydrated lime and the production of different grades of concrete	2013	VTU	2015
2.	1VJ13CSE13	Sagar J	Experimental study on short term durability and mechanical properties of bagasse ash and flyash based geopolymer concrete	2013	VTU	2015

3.	1VJ14CCT11	Santhosh R	Study on glass fiber reinforced concrete made using metakaolin and waste foundry sand as partial ingredient	2014	VTU	2016
4.	1VJ14CSE07	Pradeep Kumar	Feasibility study of flyash aggregates in concrete	2014	VTU	2016
5.	1VJ15CCT06	Manasa B	Experimental investigation on behaviour of ferro concrete beams	2015	VTU	2017
6.	20192BCT0001	Jini Krishnapriya V A	Delay Analysis in Residential project using primavera	2019	Presidency University	2021
7.	20202BCT0005	Amith Gowda B R	An experimental study on Redmond based geopolymer bricks with fly ash and silica fume	2020	Presidency University	2022
8.	20202BCT0006	Charan Kumar K C	An experimental study on redbud based geopolymer mortar with ggbs Ms and and metakaolin	2020	Presidency University	2022
9.	20202BCT0003	Sanjay T R	An experimental study on Redmond based geopolymer paver blocks with fly ash and ggbs	2020	Presidency University	2022
10.	20202BCT0002	Vasanth Kumar V H	An experimental study on Redmond based geopolymer bricks with ggbs and metakaolin	2020	Presidency University	2022
11.	20222BCT0006	Vali Mohammed	An experimental study on elastic behaviour of combination of Redmond and flyash based geopolymer bricks	2022	Presidency University	2024

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	4th International Conference on Global Trends in Sustainable Technology and its Applications in Applied Sciences (ICGTSTAS-2024)	24-25 Oct 2024 REVA University in collaboration with INTI International University	Presented
	Second International Conference on Multi-Disciplinary Research Trends in Engineering & Technology	27 - 28 March 2025 SKSVMACET, Laxmeshwar	Presented 2 papers
	18th National SIR Conference for Researchers and Scientists: "Value Based Research for Ecological & Social	12 to 16 Sep 2024 (SpARC) Wing of Education & Research	Presented poster

	Harmony”	Foundation, Gyan Sarovar Mount Abu–307501, Rajasthan, India	
	2nd International Conference on Emerging Trends in Engineering and Applied Sciences (ICETEA-2024)- Two days	18-19 Sep 2024 SJCIT Institute of Technology, Chikkaballapura-562101	Presented 2 papers
National Conference			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/ Chaired Session/ Resource Person
2024-25	Energy Management and Sustainability (NSEMAS-2024)	27 Apr 2025 Presidency University, Bengaluru	Presented
2022-23	Advances in Construction Materials and Management	16th-17th December 2022. Department of Civil Engineering NIT Warangal.	Presented 2 papers

Symposia/ Seminars/ Workshops							
Sl. No	Academic	Title	Event	Organizer and Date	International/ National/Univ ersity Level	Attended/ Attended	
1.	2024-25		Workshop	Presidency University, Bengaluru collaboration with Center for Development Policy and Practice 25/07/2024 to 27/07/2024	National	Attended	
			Workshop	Presidency University, Bengaluru 13/09/2024	National	Attended	
			Development of geopolymer a novel cementing material	Seminar	Dept of CE, PU, Bengaluru. 26 Nov 2024	University Level	Attended
			Developing Innovative Sustainable Smart Cities	Guest lecture	Dept of CE, PU, Bengaluru. 08 Oct 2024	University Level	Attended
			National Symposium on Energy	Symposium	School of Engineering,	National	Contributed as Reviewer

		Management and Sustainability (NSEMAS)		PU, Bengaluru 27 Apr 2024		
		Coding for civil engineering design	Technical Talk	SOE, PU, Bengaluru. 14 Nov 2024	University Level	Attended
3.	2022-23	Advance in photonics, Quantum and Nanotechnology	Workshop	School of Engineering, Presidency University, Bengaluru 3/03/2022 to 5/03/2022	National	Attended
		Interior Design Essentials	Workshop	Presidency University, Bengaluru 10/03/2023 to 12/03/2023	National	Attended
		Applications of Geomatics in Urban Disasters-Workshop	Workshop	Jointly organized by ISRS & ISRO 24/05/2023	National	Attended
4.	2021-22	Internet of Things	Workshop	School of Engineering, Presidency University, Bengaluru. 26/02/2022	National	Attended
5.	2020-21	Construction project management with innovative tools & techniques	Workshop	SRMIST, Chennai in association with University of Melbourne 10/Aug/2020	National	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 the Activity	Remarks
1.	2023-24	ODD	Seminar: Introduction to Technical Review Paper Writing	Students were exposed to study journal papers and present as review paper. Presented as review and comparative technical papers in the symposium	Learning methodology.

2.	2022-23	ODD	Value added course	Emphasize student engagement through real-world problems. Role-playing	Learning methodology.
3.	2021-22	Both	Problem/Numerical based	Digital board usage in hybrid classes	Teaching methodology.
4.	2020-21	Both	Theory Based	Hybrid classes: online & offline classes	Teaching methodology. Online/offline learning methods

16. Participation in curricular development:

Sl. No	Academic year	Odd/Even Sem	Course	Short Description of the Course Content
1.	2023-24	Odd/Even Sem	1. CIV5005- Quality, Risk & Safety in Construction (PG)	This course focusses on management aspects of construction project such as organization, quality management and safety management. Introduction to Construction Projects: Concept, Project Categories, Characteristic of projects, project life cycle phase, Project Management. Also include Project Feasibility Reports, Construction Quality, Inspection and Testing, Quality control, Quality Assurance, Benchmarking, concepts of quality policy, standards, manual, and Quality philosophy. This course also emphasize on Safety in Construction: Causes, classification, cost and measurement of an accident, safety programme for construction, protective equipment and accident report. Types of injuries, Factors affecting safety, Strategic Planning for safety provisions. Personal & Structural safety, Safety consideration during construction, demolition and during use of equipment. Recording injuries and accident indices. Risks in construction.
			2. CIV5007- Construction Economics and Contract Specifications (PG)	The construction economics includes Basic principles of Engineering economy, Time value of money, Cost benefit ratio, Comparison of alternatives by different methods, Different method of depreciation, Taxes, Inflation, Equipment economics, Equipment costs, Replacement analysis of equipment, Cost estimating. Construction contract management includes Contract Formation and Parties to the Contract, Prime Contract, Forms of Contracts, Bids and Proposals, Breach of the Contract, Contract Changes, Delays, Suspensions, Terminations, Liquidated Damages, Documentation & Records, Construction Contract Claims and Dispute Resolution.
			3. CIV6003-Pre – Engineered Construction (PG)	Pre-Engineered Construction includes different types of stresses acting on the structures while lifting the prefabricated structures and type of equipment required to support such stresses, general Principles of Prefabrication like comparisons with monolithic constructions, Types of prefabrication, planning of prefabricated structures, Standardization, Planning and handling of pre-fabricated element, Knowledge about Prefabricated elements-Roof panels, beams, fastenings, purlins, concepts of Production and Hoisting Technology such as Choice of production

				<p>setup, Manufacturing methods, Stationary and mobile production, Equipment for hoisting and erection, Techniques for erection of different types of members like Beams, Slabs, Wall panels and Columns, Vacuum lifting pads. Precast sandwich Panels. By this student can have an ideology of pre-engineered buildings (PEB) and can design for the suitable application.</p>
			4. CIV6002- Building Services & Building Information Modelling (PG)	<p>By participating in this course, the student gains knowledge regarding the concepts of building services and maintenance which includes lighting and ventilation (HVAC), fire protection and safety measures, vertical transportation (Lifts / Elevators), water distribution services within the structure. Apart from this, the course covers in-depth fundamentals of electrical services to be provided in a high-rise building as per NBC. As a building is under service for a long duration of time planned maintenance becomes crucial. This course focuses on the skills and information needed to effectively use an existing Building Information Modelling (BIM) tool in planning and execution of a building construction project. This is a project-based course where students gain knowledge on the implementation of BIM concepts throughout the lifecycle of a building, from planning and design, to construction and operations.</p>
2.	2022-23	Odd Sem	<p>1. CIV3036- Project Management in Infrastructure Development (UG)</p> <p>2. CIV2035- Construction Project Management (UG)</p>	<p>The purpose of this course is to introduce the students to real world risks and challenges in managing infrastructure. The course briefly describes the infrastructure planning process as well as the state of infrastructure across sectors in India. It helps students in understanding various risks that plague infrastructure projects and the solutions or fixes that can help us execute infrastructure projects better. The course is replete with real-world case studies to ensure that what is being discussed is practically applicable. The course is both conceptual and analytical in nature.</p> <p>The Course includes introduction to construction projects, stakeholders, phases in a project, Cost estimation from clients perspective, Project selection using time value of money concept, construction contract, cost estimate – contractors perspective, Project planning and network analysis-PERT,CPM, and Precedence Network, Resource scheduling, Time Cost trade off, Time -cost monitoring and control using S-curve and earned value analysis, Construction claims and disputes, and introduction to construction quality and safety.</p>
3.	2021-22	Even Sem	<p>1. CIV2039- Construction Quality & Safety (UG)</p> <p>2. CIV3038-</p>	<p>The purpose of this course is to enable the students to appreciate the significance of Quality, Safety in Construction and to develop the basic abilities of risk management. The course is more of conceptual in nature and needs fair knowledge of causes for construction accidents, risk identification. This course mainly focusses on management aspects of construction project such as organization, quality management and safety management. The course develops the construction site safety skills by attaining quality. The course also enhances the programming abilities through assignments.</p> <p>The purpose of this course is to enable the students to</p>

			Construction Economics & Finance (UG)	gain knowledge of Construction economics is a branch of general economics. It consists of the application of the techniques and expertise of economics to the study of the construction firm, the construction process and the construction industry. The course is both conceptual and analytical in nature and needs fair knowledge of Mathematics. The course develops the critical thinking for decision making and analytical skills to choose construction resources for the construction project. By participating in the course students will be able to understand the economics of construction projects, idea of decision making to make the project monitoring more efficient by understanding profit or loss.
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17. Participation in co-curricular and extra-curricular activities:

Sl.no	Academic year	Odd/Even Sem	Type of the activity (Co-curricular/ Extra Curricular)	Title/Short Description of the Activity
1	2024-25	Odd	Webinars	Attributes of Achiever Women Leaders
				Women in Geospatial Challenges and Possible Solutions
2	2023-24	Odd	Symposium	National Symposium on Energy Management and Sustainability (NSEMAS)
3	2022-23	Odd	Webinar	The Engineer of the Future-Civil Vision 2030
4	2021-22	Even	Webinars	IPR for patenting innovations and inventions
				Be Smart with Your Money
5	2020-21	Odd	Webinars	Water - Conserve to Serve
				Deep Decarbonation of Buildings, Cities and our Built Environment
				Advances in Pre-Engineered Buildings
				Sustainability: Eco-centric Concern
				BIM-A process Transforming the Construction Industry
				Digital Transformation in Structural Analysis
				Skill Sets for 21st Century Civil Engineers

				Sustainable and Affordable Technologies for Acceptable Habitat in Karnataka
				ICT Enabled Tool in Natural Disaster Management
		Even	Webinars	Vaastu in Building Planning and the Science Behind it
				High Performance-Low Viscosity Concrete using MasterEase

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 /Page Numbers	Impact Factor/h-index/Number in SCOPUS	Peer reviewed/non-peer reviewed	National / International
2024-25	Computational structural stability analysis of gravity dams using Franc-2d.	Journal of Propulsion Technology. ISSN: 1001-4055 Scopus, Q-3, UGC Care Grp II.	Vol. 46 No. 2 (2025) pp. 1486-1494	0.377/28	Peer reviewed	International
2022-23	Compatibility Study on Combinations of Redmud and Flyash Based Geopolymer Bricks	Lecture Notes in Civil Engineering, vol 346. Springer, Singapore. ISSN:2366-2557, 2366-2565 Scopus, Q-4	31/July/2023 pp. 451-461	0.157/28	Peer reviewed	International
	An Experimental Study on Red Mud Based Geo Polymer Mortar with GGBS, M Sand and Metakaolin	Lecture Notes in Civil Engineering, vol 346. Springer, Singapore. ISSN:2366-2557, 2366-2565 Scopus, Q-4	31/July/2023 pp. 305-315	0.157/28	Peer reviewed	International
Conference Proceedings						
Academic Year	Research Paper Title	Conference Name	Venue	Proceeding ISBN	National/ International	
2024-25	Mineralogical and Elemental Analysis on Red mud and Mineral	Conference on Multi-Disciplinary Research	SKSVMACET, Lakshmeshwar	ISBN: 978-93-342-4249-2	International	

	Admixtures to Use in Construction Industry	Trends in Engineering & Technology			
	Characterization Techniques for Nano-Biochar in Soil and Water Remediation	Conference on Multi-Disciplinary Research Trends in Engineering & Technology	SKSVMACET, Lakshmeshwar	ISBN: 978-93-342-4249-2	International
	Review of Mechanization's Influence on the Evolution of Indian Railway Infrastructure	Emerging Trends in Engineering and Applied Sciences (ICETEA-2024)- Two days	SJCIT Institute of Technology, Chikkaballapur a-562101	Emerging Trends in Engineering and Applied Sciences ISBN: 978-81-931545-0-2	International
	A comprehensive review and case study of electric machinery in modern infrastructure projects	Emerging Trends in Engineering and Applied Sciences (ICETEA-2024)- Two days	SJCIT Institute of Technology, Chikkaballapur a-562101	Emerging Trends in Engineering and Applied Sciences ISBN: 978-81-931545-0-2	International
2023-24	Building for a Sustainable Future: The Power of Green Construction	National Symposium on Energy Management and Sustainability (NSEMAS-2024)	Presidency University, Bengaluru	ISBN: 978-81-972746-4-0	National
	Unveiling the Secrets of Construction using Less Concrete				
	Understanding the Landscape of Cost-Effective Solution in Construction				
	A Systematic Review of Zero Energy Building				
	Elevating Construction Supply Chain Management: A path to Efficiency and Innovation				
	Challenges and Opportunities in Digital transformation in construction industry				
	Navigating the Maze of Light Emitting Concrete				
2022-23	Compatibility Study on Combinations of Redmud and Flyash Based Geopolymer Bricks	Two days National Conference on "Advances in Construction Materials and Management"	Department of Civil Engineering NIT Warangal.	Advances in Construction Materials and Management-2022	National
	An Experimental Study on Red Mud Based Geo Polymer Mortar with	Two days National Conference on "Advances in	Department of Civil Engineering	Advances in Construction Materials and	National

	GGBS, M Sand and Metakaolin	Construction Materials and Management"	NIT Warangal.	Management-2022	
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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
2022-23	Compatibility Study on Combinations of Redmud and Flyash Based Geopolymer Bricks	Advances in construction Materials & Management-31/July/2023 • pp 451–461	https://doi.org/10.1007/978-981-99-2552-0_36 ISBN: 978-981-99-2552-0	Book Chapter Lecture Notes in Civil Engineering, vol 346. Springer, Singapore.
	An Experimental Study on Red Mud Based Geo Polymer Mortar with GGBS, M Sand and Metakaolin	Advances in construction Materials & Management-31/July/2023 • pp 305–315	https://doi.org/10.1007/978-981-99-2552-0_25 ISBN: 978-981-99-2552-0	Book Chapter Lecture Notes in Civil Engineering, vol 346. Springer, Singapore.

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

Academic Year	Patent Number & Date of filing	Title	National /International	Journal No./Published Date	Grant Date
2024-25	202541026552 22/03/2025	A red mud-based geopolymer bricks composition thereof	National	15/2025 11/04/2025	Published
	202541017318 27/02/2025	A red mud-based geopolymer bricks composition		10/2025 07/03/2025	Published
	202441061453 13/08/2024	Redmud based Unfired Bricks for Civil Construction		34/2024 23/08/2024	Published
	202441061452 13/08/2024	A Novel Redmud Unfired Brick and Method of Preparation thereof		34/2024 23/08/2024	Published
2022-23	202241072189 14/12/2022	Geopolymer Bricks with Custom Blend of Redmud and Mineral Admixtures	National	52/2022 12/30/2022	Granted on 13 March 2024
	202241072836 16/12/2022	Fire accident prevention system		52/2022 30/12/2022	Published
	202241072880 16/12/2022	Red Mud-Based Bricks Composition and Method for Preparation Thereof		52/2022 30/12/2022	Published
	202241072892 16/12/2022	Geopolymer-Based Bricks Composition and Method for		52/2022 30/12/2022	Published

		Preparation Thereof			
	202241072890 16/12/2022	Geopolymer-Based Paver Blocks Composition and Method for Synthesis Thereof		52/2022 12/30/2022	Published
	202241072891 16/12/2022	Red Mud-Based Geopolymer Bricks Composition and Method for Synthesis Thereof		52/2022 30/12/2022	Published
	202241072893 16/12/2022	Red Mud-Based Bricks Composition and Method for Preparation Thereof		52/2022 30/12/2022	Published

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

i) Organized

Academic Year	Title of the workshop/FDP /Conference	Name of the Coordinator/s	Date	Sponsoring Agency	No. of participants
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ii) Attended-FDP/MDP/SDP

Sl. No	Academic Year	Title	Type (FDP/MDP/SDP)	Dates Attended (Duration)	Organised by
1.	2024-25	Sustainable Construction Practices	National FDP	05/08/2024 to 10/08/2024 (6 Days)	Department of Civil Engineering, Koneru Lakshamaiah Education Foundation, Guntur District A.P.
2.	2023-24	Drone Survey, Photogrammetry and Digitization of Maps for Engineering Applications	National FDP	21/08/2023 to 25/08/2023 (5 Days)	Presidency University, Bengaluru
3.	2022-23	New Perspective on English Language and Curriculum	National FDP	05/12/2022 to 09/12/2022 (5 Days)	Department of Languages, Presidency University, Bangalore
		The Challenges and	National FDP	17/10/2022 to	K. S. School of

		opportunities for Women in Science, technology, Engineering and Mathematics		21/10/2022 (5 Days)	Engineering and Management, Kanakapura Road, Bengaluru-560 109
		Advances in Characterization Techniques	National FDP	10/10/2022 to 14/10/2022 (5 Days)	Department of Physics and Department of Chemistry, Presidency University
4.	2021-22	Project Management on Organizational Excellence (MDP)	National MDP	28/11/2022 to 02/12/2022 (5 Days)	Vellore Institute of Technology, Chennai
		Managing Construction Project with Microsoft project (SDP)	National SDP	04/10/2021 to 14/10/2021 (10 Days)	Dept. of Civil Engg, GITAM, Visakapatnam
		Sustainable Energy Efficient green Technology	National FDP	21/03/2022 to 26/03/2022 (6 Days)	Department of Civil Engineering, MSRIT, Bengaluru
		Infrastructure Development in Civil Engineering	National FDP	02/05/2022 to 06/05/2022 (5 Days)	Department of Civil Engineering with Computer Application of Techno College of Engineering Agartala.
5.	2020-21	Artificial intelligence applications through machine learning	National FDP	14/07/2020 to 18/07/2020 (5 Days)	Dept. of CSE, Balaji Institute of Technology and science Warangal
		Sustainable concepts in civil engineering and architecture	National FDP	21/07/2020 to 25/07/2020 (5 Days)	M S Ramaiah Institute of Technology, Bengaluru
		Advancements in Civil Engineering	National FDP	27/07/2020 31/07/2020 (5 Days)	Dept. of CE, PES Institute of Technology and Management, Shivamogga
		Geospatial Applications in Civil Engineering	National FDP	16/08/2021 to 20/08/2021 (5 Days)	Presidency University, Bengaluru in association with KRSAC
		Performing Experiments on Virtual Labs	National FDP	10/08/2020 to 14/08/2020 (5 Days)	Baba Farid College of Engineering & Technology, Bathinda-151001

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
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25. Professional Membership:

Sl. No	Name of the professional body	Fellow/Life Member
1	Institute of Engineers (India)	Associate Member
2	Indian Society for Technical Education (ISTE)	Life Member
3	Association of Consulting Civil Engineers	Life Member
4	American Concrete Institute (ACI)	Annual

26. MOOC / Online Courses developed / Delivered / Short term trainings Attended:

Academic Year	Course/Topic	Duration	Organizer
2023-24	Applications of Machine Learning in Urban Studies	05/06/2023 to 09/06/2023 (5 Days)	Jointly organized by ISRS & ISRO
2022-23	STTP-Self Sustainable Buildings	12/09/2022 to 16/09/2022 (5 Days)	Presidency University, Bengaluru
	RS & GIS Applications in Natural Resource Management”	11/11/2022 to 25/11/2022 (15 Days)	Jointly organized by ISRS & ISRO
	STTP-GIS for Smart City	12/12/2022 to 16/12/2022 (5 Days)	Presidency University, Bengaluru in association with KSTA
2021-22	“Technology enabled Recurrence flood disaster mitigation in Flood plain of North Karnataka”	Online training 26/10/2021 to 29/10/2021	NIDM, Ministry of Home Affairs, Govt. of India in collaboration with PU, Bengaluru

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

Academic Year	Awards/Recognitions	Date and place	International/ National/ State/ University level
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28. Details of Involvement in Academic and Administrative Committees:

Responsibilities inside/outside the institution:

Sl. No	Academic Year	Committee
1	2024-25	Student Grievance Redressal Cell
2	2023-24	Equal opportunities
3	2022-23	Anti-discrimination Cell

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
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