

PROFILE OF FACULTY

1. **NAME:** Mrs. Sowmyashree T

2. **DATE OF BIRTH:** 06-05-1990

3. **ADDRESS**

OFFICE/COLLEGE: Mrs. Sowmyashree T

Assistant Professor, Dept of Civil,

Jain Institute of Technology, Near Veereshwara Punyashrama

Bada cross,

Davangere

RESIDENCE: Mrs. Sowmyashree T

#F-66, Sugar Town, Mandya-571402

4. **CONTACT NO:** 8553411257

5. **FAX:**-----

6. **EMAIL ID:** sowmyaragha.456@gmail.com

7. **DESIGNATION:** Assistant Professor

8. **DEPARTMENT:** Civil Engineering

9. **DATE OF JOINING:** 01/Aug/2017

10. **EXPERIENCE (YEARS)**

TEACHING: 4 years

INDUSTRY: 1 year

11. **QUALIFICATIONS:**

	University	Specialization	Year of passing	Class
M.Tech	VTU, BELGAUM	Construction Technology	2014	FCD
B.E.	VTU, BELGAUM	Civil Engineering	2011	FCD

12. **EXPERIENCE: (reverse chronological order)**

Positions	Institution/Industry	Period	Nature of Job	No of Years
Assistant Prof.	Jain Institute of Technology, Davangere	01-8-2017 to till date	Teaching	1 year
Assistant Prof.	Vijaya Vittala Institute of Technology, Bangalore	2014-2017	Teaching	3 years

13. **FACULTY DEVELOPMENT PROGRAMMES SEMINARS/PROFESSIONAL SOCIETY ACTIVITIES**

/TRAINING/WORKSHOP/SUMMER/WINTER SCHOOLS ATTENDED (chronological order)

Sl No	Name of training/workshop	Year/Duration	Organizers
1	"Technology & Equipments for C&D Waste Recycling" at New Delhi.	2013/2DAYS	ICI-CPWD, New Delhi
2	Forensic Civil Engineering	2013/2DAYS	Association of Consulting Civil Engineering, India.
3	"Disaster management in India" at Bangalore	2013/2DAYS	Reva university, Bangalore
4	"Innovative and Decorative Concretes" at Bangalore.	Concrete Panorama and Deminar 2013/3 days	BMSCE, Bangalore
5	"Innovative Concrete Materials and Technologies" at Bangalore.	Concrete Panorama and Deminar 2014/3 days	BMSCE, Bangalore
6	"Innovations and Developments in Civil Engineering" at NITK, Surathkal.	2014/2 DAYS	NITK, Surathkal.
7	"Emerging trends in Civil Engineering-2015"	2015	VVIT, Bangalore
8	"Evolving prospective in building materials and structures-2017"	2017	VVIT, Bangalore
9	"Popularization of remote sensing based maps and geospatial information"-national workshop	11 August 2017/1 day	Jointly organized by ISRS & ISRO

14. FACULTY AS RESOURCE PERSONS IN FACULTY DEVELOPMENT PROGRAMME/TRAINING/WORKSHOP/SUMMER/WINTER SCHOOLS (reverse chronological order)

Sl No	Name of FDP/training/workshop	Year/Duration	Funded by	organizers
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15. CONFERENCE / EVENTS ATTENDED (chronological order)

Sl No.	Title/topic	Year & Duration	organizers
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1	"Innovations and Developments in Civil Enginerring" at NITK, Surathkal.	2014/2DAYS	NITK, Surathkal.
2	International Conference on Civil Engineering-2014	2014/3 days	Society of Information Processing, Bangalore
3	Second International Conference on Civil Engineering-2015	2015/3days	Society of Information Processing, Bangalore

16. PAPERS PUBLISHED:

SI No	Type of publication	No. of publications
1	International Journal	12
2	National Journal	02
3	International Conferences	01
4	National Conferences	02

17. DETAILS OF PAPER PUBLISHED (along with DOI and publication/citation details) (chronological order)

SI No	Title of paper/Report	Name & volume of Journal & Year
1.	Potential of using Tank Bed soil in geopolymer masonry blocks	Conference proceeding- First Annual Conference on Innovations and Developments in Civil Engineering ACIDIC-2014, at NITK, Surathkal.
2.	Some important studies on Geo polymer masonry blocks using TBS	In Bulletin of ACCE(I) Journal, Jan - March 2015, Vol 13 No. 4
3.	Study On Mechanical Properties Of Red Mud As A Partial Replacement Of Cement With Hydrated Lime For M40 Grade Concrete With Superplasticiser	IJRET journal, Volume 5, Issue 04, April - 2016.
4.	Study on Mechanical Properties of Red Mud as a Partial Replacement of Cement with Hydrated Lime in the Production of Concrete	IJRSET journal, Volume 5, Issue 05, MAY - 2016
5.	Study on mechanical properties of steel polyolefin hybrid fiber reinforced concrete with partial replacement of cement by GGBS	4 th National conference on Futuristic Technology in Civil Engineering for sustainable Development-May 2016 at SJBIT, Bengaluru.

6.	Properties of pavement quality concrete with partial replacement of fine aggregates by iron ore tailings	IJRSET journal, Volume 5, Issue 05, MAY – 2016.
7.	Comparison on durability properties of red mud as partial replacement of cement with hydrated lime for different grades of concrete with and without superplasticiser	IJERT journal, Volume 5, Issue 05, MAY – 2016
9.	Behavior of self-compacting concrete with partial replacement of cement by flyash	IJETSR journal, Volume 3, Issue 5, MAY-2016.
10.	Study on strength properties of glass fiber reinforced concrete made using metakiolin and waste foundry sand as partial ingredient	IJRET journal, Volume 06, Issue 04, APRIL-2017.
11.	Durability properties of glass fiber reinforced concrete made using metakaolin and waste foundry sand as partial ingredient	IJERT journal, Volume 6, Issue 5, MAY-2017
12.	Analysis of temperature distribution across the thickness of slab using thermocouples	IJSRD Journal, Volume 6, Issue 01, March 2018
13.	Experimental studies on behavior of ferroconcrete beams	IJRET Journal, Volume 7, Issue 03, March 2018
14.	Risk Management for a construction project	IJSRD Journal, Volume 6, Issue 03, May 2018
15.	Experimental study on bricks using fly ash and rice husk	IJSRD Journal, Volume 6, Issue 03, May 2018
16.	Experimental Study of laterite soil using coconut shell ash	IJSRD Journal, Volume 6, Issue 05, July 2018
17.	Partial replacement of fine aggregate by laterite soil	Journal for research, Volume 4, Issue 06, August 2018

18. BOOKS / CHAPTERS PUBLISHED & E-LEARNING MATERIALS DEVELOPED: Nil

19. FACULTY INTELLECTUAL PROPERTY RIGHTS (Give details): Nil

20. FUNDED R & D PROJECTS & CONSULTANCY WORK (Give details)

SL NO	TITLE OF THE PROJECT	FUNDING AGENCY	AMOUNT
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21. FACULTY INTERACTION WITH OUTSIDE WORLD (Give details): Nil

22. AWARD / RECOGNITION: Nil

23. NUMBER OF PROJECTS GUIDED

UG: 01

PG: 7

24. SUBJECTS TAUGHT

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

Building Science

Construction Quality & Safety

Mechanization in Construction

Construction Economics & Finance

Construction and project management

➤ **BE (Civil)**

Surveying-I

Surveying Practice Lab-I

Extensive Survey Project

Geo-Technical Engineering Lab

Environmental Engineering-II

Railway harbor tunneling and airport engineering

Construction Management and Entrepreneurship

Water supply and Treatment engineering

Building materials and construction

Municipal and industrial waste water engineering

Environmental Engineering Laboratory

➤ **Diploma**

Water Resources Engineering

CAD Lab, CASP Lab

Railway, Tunnel & Harbor Engineering

Environmental and Hydraulics Lab

Extensive Survey Project

25. MEMBERSHIP OF PROFESSIONAL BODIES:

SL NO	NAME OF PROFESSIONAL BODY	Membership ID	Year
1.	Institute of Engineers (India)	AME-AM1659971	2016