

S.JYOTHIRMAYEE M.Tech., A.M.I.E., (Ph.D.,)

Female, Indian, 29

Pernapadu(V),

Vemula(M), Pulivendula,

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PERSONAL DETAILS

- Father's Name : S.Maruthi Kullai Reddy
- Mother's Name : S.Veeramma
- Husband's Name : N.Harsha Vardhan Reddy
- Date of Birth : 16th July 1993
- Linguistic Proficiency : Telugu, English, Hindi

ACADEMIC QUALIFICATION

Degree/ Examination	Year of Passing	School/Institute	Board/University	Percentage/ Grade
Ph.D., (pursuing)	2020 Admitted	KL Educational Foundation	Deemed to be University	-
M.Tech (Geo- Technical Engineering)	31/01/2017	KSRM College of Engineering (Autonomous), Kadapa.	Autonomous	8.26
B.Tech (Civil Engineering)	2014	KLM College of Engineering for Women, Kadapa.	Jawaharlal Nehru Technological University, Anantapur	79.10
Intermediate	2010	Sri Chaitanya Junior College, Tirupathi.	Board of Intermediate Education, AP	84.10
Class X	2008	Mother India High School, Kadapa.	Board of Secondary Education, AP	82.00

CARRIER OBJECTIVE

- Accomplished educator with demonstrated ability to teach, motivate, and direct students while maintaining high interest and achievement.
- Consistently maintain excellent relations with parents, students, faculty, and administrators.
- Self-motivated with strong planning, organizational and leadership skills.

TEACHING EXPERIENCE

- Total 6.5+ Years of teaching Experience.
- Worked as **Assistant Professor** at **KORMCE**, Kadapa from 01-02-2017 to 31-10-2019
- Working as an **Assistant Professor (Adhoc)** at **JNTUA College of Engineering, Pulivendula** from **November 1, 2019** to **till date**.

PROFESSIONAL ID'S/MEMBERSHIP

- ORCID ID : 0000-0002-0653-4383
- VIDWAN ID : 320374
- LINKED IN : <https://www.linkedin.com/in/jyothi-sirigireddy-7b981a173>
- Associate Member of Institute of Engineers India : AM3073974
- Member of International Association of Engineers : 340098

JOURNAL PUBLISHED

- Published a paper titled “**An Experimental Investigation on Impact of Fly Fiery Debris and Copper Slag on Subgrade Soils**” in the **International Journal of Civil Engineering**, Volume 3 Issue 7-2016.
<http://www.internationaljournalssrg.org/IJCE/V3I7P104.html>
- Published a paper titled “**An Experimental Study on Strength Characteristics of Expansive Soil treated with Zycobond**” in the **IJIRSET**, Volume 6, Issue 1, January 2017.
https://ijirset.com/upload/2017/january/101_28_AN.pdf
- Published a paper titled “**An Experimental Study on Strength Characteristics of Plastic Blended Bituminous mixes**” in the **IJIRSET**, Volume 6, Issue 3, March 2017.
https://www.ijirset.com/upload/2017/march/39_An.pdf
- Published a paper titled “**Evaluation of bond between Bituminous Pavement Layers**” in the **IJIRSET**, Volume 6, Issue 4, April 2017.
https://www.ijirset.com/upload/2017/april/144_Evaluation.pdf
- Published a paper titled “**Experimental Study on Stabilization of Black Cotton Soil by using Fly Ash and Coconut coir fiber**” in the **IJIRSET**, Volume 6, Issue 4, April 2017.
https://www.ijirset.com/upload/2017/april/166_EXPERIMENTAL.pdf
- Published a paper titled “**Experimental Investigation on Effect of Sisal Fiber by partial substitution of Fine Granite Waste in Concrete Composition**” in the **IJIRSET**, Volume 6, Issue 4, April 2017.
https://www.ijirset.com/upload/2017/april/145_Experimental.pdf
- Published a paper titled “**An Experimental studies on replacement of natural coarse aggregate with recycled coarse aggregate in concrete**” in the **IRJET**, Volume 5, Issue 5, May-2018.
<https://www.irjet.net/archives/V5/i5/IRJET-V5I5636.pdf>
- Published a paper titled “**Study on Expansive Soil Treated With Terrazyme – A Bio Enzyme as Subgrade**” in the **IEJ**, Volume 52, Issue 5, No.1, May-2023.
http://www.journal-iiie-india.com/1_may_23/23_online.pdf
- Under Review a paper titled “**Study on Geotechnical Characteristics of Expansive Soil With Plastic Waste And E-Waste**” in the **Journal of Institute of Engineers (India) : Series A, Springer**,
<https://doi.org/10.21203/rs.3.rs-2871368/v1>.
- Under Consideration a paper titled “**Improvement of Expansive Soil Treated With Pond Ash**” in the **INDIAN GEOTECHNICAL JOURNAL, Springer**
<https://doi.org/10.21203/rs.3.rs-2871376/v1>

WORKSHOPS/FDP/CONFERENCES/CERTIFICATION

S.No	Workshop/Seminar/FDP/Conference/Other	Organized by	Title	Date (s) conducted
1	Webinar	Kothagudem Local Centre of The Institution of Engineers (India) under the aegis of Mining Engineering Division	DESIGN AND STABILITY ANALYSIS OF OPEN-PIT SLOPES IN COAL MINES – A CASE STUDY	June 09, 2023
2	FDP	JNTUA College of Engineering Pulivendula	Engineering Graphics through Auto CAD Software	21 st to 23 rd April 2023
3	Certificate	Microsoft	Azure Data Scientist Associate	March, 24 th 2023
4	Conference	3 rd International Conference on “ADVANCES IN CIVIL ENGINEERING (ICACE-2021) by KLEF	A REVIEW ON CHARACTERISTICS OF POND ASH STABILISED WITH CEMENTATION S MATERIALS	25 th – 26 th June 2021
5	FDP	GPREC(Autonomous), Kurnool	RECENT DEVELOPMENTS IN CIVIL ENGINEERING: RESEARCH AND PRACTICAL APPLICATIONS	11-15 august 2020
6	FDP	Kakatiya Institute of Technology and Science, Warangal, Telangana.	ADVANCES IN GEOTECHNICAL ENGINEERING(AGE-2020)	July 27 th – 31 st 2020
7	E-Workshop	JNTUA in association with Visvesvaraya Technological University	RECENT ADVACNES IN STRUCTURAL ENGINEERING (RASE)-2020	30.05.2020
8	Webinar	Hindu College of Engineering & Technology	NO CEMENT CONCRETE	May 2020
9	National Level Quiz	KL Deemed to be University	Geotechnical Engineering-II	July 2020

10	National Level Quiz	KL Deemed to be University	Fluid Mechanics	June 2020
11	Online Awareness Quiz	KSRM (Autonomous)	COVID-19 & CHEMISTRY IN EVERYDAY LIFE	18 June 2020
12	Online Quiz Programme	KSRM (Autonomous)	Fundamentals in Civil Engineering	7 June 2020
13	Certification	NPTEL – Mentor	Geotechnical Engineering I	April 2018
14	Certification	NPTEL	Geotechnical Engineering I	April 2018
15	Training Programme	Sky fi labs in association with KORMCE	Transportation Engineering	23 March 2018
16	FDP	JNTUA	Faculty Intelligence Learning Module	08 December 2017
17	Workshop	YVU Kadapa	Recent Trends in Exploration of Natural Resources	25 October 2017

SUBJECTS /LAB THOUGHT

S.no	AY	Semester	Subject Taught	
1	2020 – 2021	Odd	II CE	Structural Analysis-II
			III CE	Geotechnical Engineering Lab
2	2020 – 2021	Even	I CE	Strength Of Materials -I
			I CE	Civil Engineering Workshop
			II CE	Structural Analysis-I
3	2021 – 2022	Odd	II CE	Structural Analysis-II
			III CE	Geotechnical Engineering Lab
			IV CE	Bridge Engineering
4	2021 – 2022	Even	I CE	Civil Engineering Workshop
			II CE	Structural Analysis-I
			II CE	Design Thinking And Innovation
			II CE	Hydraulics & Hydraulic Machinery Lab
			IV CE	Prestressed Concrete
5	2022 – 2023	Odd	II CE	Building Planning And Drawing
			III CE	Structural Analysis-II
			III CE	Geotechnical Engineering Laboratory
			IV CE	Prestressed Concrete
6	2022 – 2023	Even	III CE	Highway Engineering
			III CE	Highway Engineering Laboratory
			II CE	Hydraulics & Hydraulic Machinery Lab

Additional Works in Department

S.No.	CURRICULAR ACTIVITY	ROLE	Date (s)/ AY
1	PLACEMENT CELL	PLACEMENT CELL INCHARGE	01-01-2021 to 09-08-2021
2	FINALISED ATTENDANCE, INTERNAL MARKS & GNANABHOOMI ATTENDANCE FOR III B. Tech CE STUDENTS	CLASS INCHARGE	2022-2023 (2 Semesters)
3	FINALISED ATTENDANCE, INTERNAL MARKS & GNANABHOOMI ATTENDANCE FOR IV B. Tech CE STUDENTS	CLASS INCHARGE	01-05-2023 to Till Date
4	FACULTY CO-ORDINATOR FOR AASHRAY 2k23	STAFF CO-ORDINATOR	2023
5	ANTI RAGGING DUTIES	MONITORING STUDENTS AT GIRLS HOSTEL	2016 to Till Date
6	PROJECT CO-ORDINATOR	Scheduling Reviews, Collecting Review Marks from Staff	2020-2021 2021-2022
7	DEPARTMENT LIBRARY INCHARGE	Maintanence of Department library	Till date

ACADEMIC PROJECTS GUIDED (B.Tech.,)

S.No.	AY	Title of Project	Student Name	Student Roll Number
1	2022-2023	Study on Geotechnical Characteristics of Expansive Soil With Plastic Waste And E-Waste	P.Raja Mohan Reddy K.L.Mamatha D.Vedavathi U.Nagarjuna B.Charan Kumar	20195A0108 19191A0156 20195A0110 19191A0123 19191A0124
2	2022-2023	Improvement of Expansive Soil Treated With Pond Ash	N.Niharika G.Sethu L.Mahathi P.Mubarak P.Anil Kumar	19191A0162 19191A0117 19191A0149 19191A0106 19191A0108
3	2021-2022	Strength Characteristics of Expansive Soil treated with Demolition Material	S.Dasthagiri M.Reddy Rakesh G.Pranekhya V.Sai Sarath B.Pradeep Naik	18191A0115 19195A0110 18191A0153 18191A0105 18191A0113
4	2020-2021	Design and Analysis of Pile Foundation of Multi-storey Building using Staad Pro	V.Sreelekha Reddy E.Rajesh S.A.Inthiyabi G.Rakesh Naga Sai	17191A0158 18195A0101 17191A0146 17191A0120

5	2020-2021	Design and Analysis of Suspension Bridge using Autocad and Staad Pro Software	N.Shyam Rahul B.Venkata Chandrika V.Pavan Kumar S.Yugander Naik T.Samanvitha	18195A0109 17191A0104 17191A0156 17191A0152 17191A0155
6	2019-2020	Shear Strength Characteristics of Expansive Soil using Quarry Dust and Silica Fume	G.Sabiya T.Uma Devi Y.Pradeep P.Akhil	16191A0105 16191A0126 16191A0106 16191A0148
7	2019-2020	Effect of Terrasil on Subgrade Soil	K.Malini D.Viplava Kumari C.Siva Kumar P.Amareswar Reddy M.Abdul Mannan	16191A0149 16191A0132 16191A0140 16191A0142 16191A0152

SOCIAL RELEVANT PROJECTS GUIDED (B.Tech.,)

S.No.	AY	Title of Project	Student Name	Student Roll Number
1	2022-2023	Soil Protection - Mabuchinthalapalli	M.Rajeswari N.Vineeth B.Jahnavi C.Sucharitha	201919A0106 201919A0124 201919A0142 201919A0161
2	2022-2023	Water Facilities and Drinking Water Availability - Sydapuram	B.Sreenivasulu T.Karuna Sree B.Govardhan D.Manoj Kumar	20191A0113 20191A0131 20191A0149 21195A0105

EXTRA ACHIEVEMENTS

- Received Merit Certificate as Topper of III B.Tech University Examinations at the College Level for the Academic Year 2012-2013
- Received Merit Certificate as Topper of IV B.Tech University Examinations at the College Level for the Academic Year 2013-2014

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and true.

Place: Pulivendula

Date: 16.06.2023

(S.JYOTHIRMAYEE)