

FACULTY PROFILE

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Area of Interest : Geotechnical Engineering
Ground Improvement

Date of joining CUSAT : 09/08/2021



EDUCATIONAL QUALIFICATION

Academic Programme	College/Institute & University	Year of passing	Percentage/ CGPA	Class/ Division
B. Tech (Civil Engineering)	Govt. Engineering College, Thrissur (Calicut University)	2013	7.51	First Class
M. Tech (Geotechnical Engineering)	College of Engineering, Trivandrum (Kerala University)	2015	8.70	First Class with Distinction

EMPLOYMENT HISTORY

Total industry experience: 2 year

Total Teaching experience: 4 year

(Name of organization)	Position held	Date of joining	Date of leaving	Duration
School of Engineering, CUSAT	Assistant Professor	Aug 2021	Present	1 year
LBS Institute of Technology for Women, Trivandrum	Assistant Professor	March 2021	Aug 2021	5 months
Baynunah Laboratories, Abu Dhabi, UAE	Geotechnical Engineer	Jan 2018	Feb 2020	2 years
SCMS School of Engineering and Technology, Ernakulam	Assistant Professor	July 2017	Dec 2017	6 months
Sahrdaya College of Engineering and Technology, Kodakara	Assistant Professor	June 2015	May 2017	2 years

OTHER QUALIFICATIONS

GATE 2022 (Score: 340)

GATE 2013 (Score: 390)

DETAILS OF PUBLICATIONS

Types of Publication	Year	Paper Published
National Conference Proceeding	2021	Aleena Sam, Arunima Anil A, Smitha Anna Kurian, Sujina Kabeer, Jayamohan J, Swathy Pushpan, 'Influence of Flexural Rigidity of Footing and Shear Strength of Supporting Soil on Internal Stresses in Foundation', <i>Indian Geotechnical Conference, Trichy.</i>
	2015	P. Swathy and J Bindhu (2015), 'Vertical columns and coir geocell reinforcement for soft soil improvement', <i>Proceedings of Indian Geotechnical Conference, College of Engineering, Pune.</i>
	2015	P. Swathy and J Bindhu (2015), 'Vertical columns and coir geocell composite reinforcement for soft soil improvement', <i>National Conference on Technological Trends, College of Engineering, Trivandrum.</i>

WORKSHHP/ FDP/ STTP/ CONFERENCE

Sl. No.	Year	Date	Participant/ Resource person	Workshp/ FDP/ STTP/ Conference/ Training Programme
1	2022	28 Feb 2022 to 04 March 2022	Participant	FDP on 'Inculcating Universal Human Values in Technical Education' organized by AICTE
2		07 January 2022 to 22 January 2022	Participant	STTP, 'Characterization and Modelling of Geomaterials' organized by Indian Institute of Technology, Madras, sponsored by AICTE
3	2021	22 Nov 2022 to 26 Nov 2022	Participant	FDP on 'Strategic Civil Infrastructure – Geotechnics for Infrastructure Projects', organized by LBS Institute of technology for Women, Trivandrum
4		01 March 2021 to 05 March 2021	Participant	FDP on 'Geomechanics and Structures', organized by LBS Institute of technology for Women, Trivandrum
5	2016	16 Feb 2016 to 18 Feb 2016	Co-ordinator and Participant	FDP on 'Concrete Mix Design', Sahrdaya College of Engineering and Technology, Kodakara
6	2015	11 Sept 2015 to 12 Sept 2015	Participant	'National Conference on Technological trends', Organized by College of Engineering, Trivandrum
7	2014	22 Aug 2014 to 23 Aug 2014	Participant	'National Conference on Technological trends', Organized by College of Engineering, Trivandrum
8	2012	Feb 2012	Participant	Workshop on 'Preparing Engineering Graduates' organized by Government Engineering College, Thrissur

MEMBERSHIP

- Life time member of Indian Geotechnical Society, Kochi Chapter