

FACULTY PROFILE

Name of the staff : M.BALAMAHESWARI
Office Address with E-mail ID : Assistant Professor
Department of Civil Engineering
National Engineering College
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Personal Details

Age : 33
Date of Birth : 07/05/1988
Sex & marital status : Female & Married
Citizenship : Indian
Qualification : M.E., (Soil Mechanics and Foundation Engineering)

Degree	Programme/Specialization	Class/CGPA	Month and year of passing	Institute/ University
B.E	Civil Engineering	First class with Distinction and 86%	April 2009	Government college of Engineering, Tirunelveli / Anna University
M.E	Soil Mechanics and Foundation Engineering	First class with Distinction and 8.78	May 2011	College of Engineering-Guindy / Anna University

Date of Joining : 15.05.2019
Present Status : Assistant Professor

Professional Experience :

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor	National Engineering College, K.R.Nagar	15/05/2019 to Till date	Teaching, Research, Lab Handling, Mentoring and Guiding
Assistant Professor	National College Of Engineering, Maruthakulam	05/01/2015 to 10/05/2019	Teaching, lab Handling, Mentoring and Guiding
Lecturer	Dr.Sivanthi Aditannar College Of Engineering, Tiruchendur	08/08/2011 to 02/01/2012	Teaching, Lab Handling, Mentoring and Guiding

Areas of Interest

- Soil Mechanics and Foundation Engineering
- Ground Improvement Techniques
- Pavement Engineering

Research Field

- Ground Improvement Techniques
- Reinforced Soil Structures

Courses taught:

Course Title	U.G. or P.G.
Soil Mechanics	U.G
Foundation Engineering	U.G
Ground Improvement Techniques	U.G
Fluid Mechanics	U.G
Pavement Engineering	U.G
Structural Dynamics and Earthquake Engineering	U.G
Environmental Engineering I and II	U.G
Repair and Rehabilitation of structures	U.G
Hydraulic Engineering Laboratory	U.G
Concrete and Highway Engineering Laboratory	U.G
Soil Mechanics Laboratory	U.G.

International/ National Conference Publications

S.No	Title	Type of Conference	Period	Venue
1.	Performance of footing on reinforced Soil Bed	National	3 rd and 4 th May 2011	B.S.Abdur Rahman University
2.	Performance of footing on reinforced Soil Bed	International	15 th to 17 th December,2011	Indian Geotechnical Conference-Kochi
3.	Enhancement of CBR Values in Weak Subgrade Soil by using Anchored Geogrid	International	7 th to 11 th December,2020	Dayanada Sagar College of Engineering, Bengaluru
4.	Feasibility Development of Anchored Geogrid for the Enhancement of CBR Values in Weak Subgrade Soil	International	29 th to 30 th July,2021	A.J.Institute of Engineering and Technology, Mangalore
5.	Establishing the Correlations between Electrical Resistivity and SPT N values in Sandy Soils	National	21 st to 23 rd October,2021	Eighth Indian Young Geotechnical Engineering Conference, IGS Chennai Chapter- (Virtual Mode)

International/ National Journal Publications

S.No	Title	Period	Publication Details
1.	Improvement of California Bearing Ratio value in weak subgrade soil with the developed anchored geogrid	July 2021	Materials Today: Proceedings

Other Responsibilities in Department

- Soil Mechanics Laboratory In charge
- EXAM CELL and GATE FORUM Assist in Department of Civil Engineering

Professional membership:

- Life Member in Indian Society for Technical Education.
- Life member in Indian Geotechnical Society

International/National/State level workshop attended:

S.No	Title	Period	Venue
1.	Two week ISTE STTP on Environmental Studies	02 nd to 12 th June,2015	IIT Bombay (RC:NCE)
2.	ISTE STTP on introduction to Structural Engineering	Jan 2016	IIT Kharagpur (RC:NCE)
3.	Evaluation of Soil Parameters for Numerical Modelling	04.07.2015	IIT Madras
4.	Recent trends in Research	30.10.2015	NCE Maruthakulam
5.	Role of instrumentation in geotechnical Engineering	06.12.2019	NIT, Trichy
6.	National Workshop for Recent Advances in Geotechnics for Infrastructure	14.05.2020 to 17.05.2020	IGS Bangalore Chapter in Association with RAMCO (Virtual Mode)

Faculty Development Programme

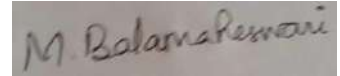
- Training Programme on Recent innovations in Geotechnical Engineering from 5th to 10th May,2015 conducted by Kalasalingam university
- FDP Programme on Virtual Labs held virtually during 10.08.2020 to 14.08.2020 by PALS VLAB 2020-21 Initiative with NITK SURATHKAL.
- Attended ATAL FDP Programme on “Strategic Civil Infrastructure” from 01.10.2020 to 05.10.2020 conducted by IIT Hyderabad.
- ☐ Attended and Certified for AICTE ATAL sponsored online FDP on “Environmental Geotechnology” from June 21-25, 2021 conducted by NOT , Goa.

Online Certifications

- Completed GeoSynthetics Testing Laboratory Course in July to September 2020 with the score of 80%(Elite+Silver)
- Completed Geotechnical Engineering Laboratory Course in July to September 2021 with the score of 91%(Elite+Gold)

Achievements

- Secured University Rank Holder as 28th among 2157 students in UG awarded by Anna University, Chennai For the Batch 2005-2009.

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Signature of the Faculty