

Staff Name	:	Mr. P. Sri Balaji
Faculty ID	:	TCI13
Designation	:	Assistant Professor
Qualification	:	B.E., M.E
Teaching experience	:	4 Years 9 Months
Area of specialization	:	Integrated Water Resources Management
Subjects handled	:	<ul style="list-style-type: none"> <li>● Engineering Graphics</li> <li>● Basic Civil and Mechanical Engineering</li> <li>● Construction Materials</li> <li>● Fluid Mechanics</li> <li>● Principles of Management</li> <li>● Applied Hydraulics Engineering</li> <li>● Water Resources and Irrigation Engineering</li> <li>● Irrigation Engineering</li> <li>● Professional Ethics in Engineering</li> </ul> <p><b>Laboratory Handled:</b></p> <ul style="list-style-type: none"> <li>● Computer Aided Drafting &amp; Modeling Laboratory</li> <li>● Surveying Laboratory</li> <li>● Hydraulics Laboratory</li> <li>● Environmental and Irrigation Drawing Laboratory</li> <li>● Construction Materials Laboratory</li> </ul>
Books published	:	<ul style="list-style-type: none"> <li>● Published a Text book on “<b>Disaster Management</b>” by Suchitra Publication in the year of 2020.</li> </ul>
Journals published	:	<ol style="list-style-type: none"> <li>1. Published a paper “Effect of Natural Fibers Composites as Soil Stabilizer on Flexible Pavement Design” in International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-9 Issue-5, March 2020.</li> </ol>
Conference published	:	<ol style="list-style-type: none"> <li>1. Published a Paper titled on “<b>Present Status and Future Strategy to prevent Encroachment and Environmental Degradation in Velachery Lake</b>” in UGC sponsored National Conference on Geospatial Technologies for Rural Development.</li> <li>2. Presented a paper titled on “<b>Improving the Shear Strength Behaviour of Soil Using Rubber Tyre Waste</b>” in Two Day International E-Conference on “Noval Innovations and Sustainable Development in Civil Engineering (NISDCE’20)” , Vel Tech Rangarajan Dr. Sagunthala R&amp;D Institute of Science and Technology, Chennai.in Civil Engineering (NISDCE’20).</li> </ol>

3. Presented a paper titled on **“Effect of Non-Plastic Silt on Intergranular Void ratio of Sand”** in 2nd International Conference on Global Environmental Changes And Sustainable Development in Civil Engineering-ICGECSD'21 organised by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.in Civil Engineering (NISDCE'20).
4. Presented a paper titled on **“Effects of Livelihood Diversification and its Impact on Migration”** in International Conference on Biodiversity and Sustainable Resource Management (ICBSRM 2018) - Proceedings of International Conference on Global Environment Changes and Sustainable Development.
5. Presented a paper titled on **“Analysis of water pollution and evaluation of purification measures in an Urban Lake - Nanmangalam Lake”** in International Conference on Biodiversity and Sustainable Resource Management (ICBSRM 2018) - Proceedings of International Conference on Global Environment Changes and Sustainable Development.
6. Presented a paper titled on **“Study on Strength Characteristics of Concrete Using Steel Fibre along with Plastic Fibre”** in International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020- Proceedings of Proceedings on International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020.

Conference /  
workshop attended

1. Attended an 14 days STTP on **“Land Use and Land Cover using Remote Sensing”** organized by National Water Academy, Central Water Commission, Pune, March 2022.
2. Attended an 14 days STTP on **“Introduction to Python Programming & Its Applications in Water Resources Sector”** organized by National Water Academy, December 2021.
3. Attended an five days Webinar Series on “ Advances in Building Technology” organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during June 01-05, 2020.
4. Attended an Online workshop on “Recent Advances in Science & Technology of Concrete by IIT Madras, during 02.05.2020
5. Attended an five days short term program on “Smart Sustainable Cities” organized by NITTTR, Chandigarh during 25..05.2020 to 29.05.2020
6. Attended an 'Indo-China Research Webinar Series in Civil and Environmental Engineering' during 8-19-May 2020, jointly initiated by faculties from Shantou University, China, Vardhaman College of Engineering, Hyderabad, Indian Geotechnical Society, Surat Chapter, and School of Civil Engineering Qingdao University of Technology, China.
7. Attended a webinar titled “Detailing of Reinforcements – Do’s and Don’ts” on 06.05.2020 organized by Adithya Institute of Technology & Association of Consulting Engineers, Coimbatore
8. Attended a webinar titled “Exposures to different types of Irrigation Structures” on 15.05.2020 organized by M.A.M. College of Engineering and Technology, Trichy
9. Attended a webinar titled “Pre-Engineered Steel and its connection design details” on 06.05.2020 organized by Adithya Institute of Technology & Association of Consulting Engineers, Coimbatore
10. Attended a webinar titled “Latest Trends & Technologies in Water Proofing” on 05.05.2020 organized by Indian Concrete Institute - Bangalore Centre
11. Attended a webinar titled “Piles in Soft clay-Field Experience” on 03.05.2020 organized by Indian Geotechnical Society, Guntur Chapter

12. Attended a webinar titled “Piles – Raft Foundations for High – Rise Buildings: Sustainability and Future Directions” on 21.05.2020 organized by Saveetha Engineering College, Chennai.
13. Attended a webinar titled “Energy Management in Educational Institutions” on 29.05.2020 organized by Thiagarajar College of Engineering, Madurai.
14. Attended a webinar titled “Sustainable Perspectives of Sewage Treatment - A Pandemic Warrior” on 23.05.2020 organized by Chalapathi Institute of Technology, Guntur.
15. Attended a webinar titled Earthquake Resistant Design of Structures” on 29.05.2020 organized by St.Joseph's College of Engineering, Chennai
16. Attended a International Conference on “Sustainable Future” held on 6th January 2020 at Anna University, Chennai.
17. Attended a One days Workshop on “Structural Design and Building System” held at Indian Institute of Technology, Madras during 28th December 2019.
18. Attended a Seven days on TEQIP III Sponsored Faculty Development Programme on “Disaster Risk Management” held at PSG College of Technology during 10 - 16 November 2019.
19. Participated in Seminar titled Corrosion Control in Concrete Structures in IIT Madras and NIGIS-SZ on 15-06-2019.
20. Participated in Faculty Development Programme titled Meticulous Application of Software in Civil Engineering in St. Joseph’s Institute of Technology, Chennai from 09-05-2019 to 11-05-2019.
21. Presented a paper at the two-day 2nd International Conference on Global Environmental Changes and Sustainable Development in Civil Engineering-ICGECSD'19 titled “Effect of Non-Plastic Silt on Intergranular Void Ratio of Sand ”, on 4th & 5th April 2019 conducted by VEL TECH RANGARAJAN Dr.SAGUNTHALA R & D INSTITUTE OF SCIENCE AND TECHNOLOGY,AVADI.
22. Participated in a Two days National Workshop on “Advances in Hydrology and Water Resources” in Centre of Water Resources, CEG Guindy on Nov 26th & 27th.
23. Participated in a Two days National workshop on “Total Station and Gas Chromotography” in St. Joseph’s Institute of Technology.
24. Participated in Faculty Development Training Programme

on “CE 6703 - Water Resources and Irrigation Engineering” at University College of Engineering, Panruti from June 7th - 13th, 2018.

25. Attended Faculty Development Training Programme on “Design of Reinforced Concrete Structures” at St. Joseph’s College of Engineering from 28th May - 4th June 2018.
26. Participated in a One day National Workshop on “Sustainable Materials in Civil Engineering” in St. Joseph’s Institute of Technology on November 7, 2017.
27. Presented a poster titled “Climate Change and its Social Impact” Under the theme Climate change and Sustainability and Biodiversity Environment at Young Scientist Conclave in IISF 2017 held at Chennai, Oct 13th to 16th, 2017.
28. P. Sri Balaji, B. V. Mudgal presented a paper titled “Effects of Livelihood Diversification and its impact on Migration” Post- Centenary Diamond Jubilee International Conference on Biodiversity and Sustainable Resource Management (ICBSRM 2018), held at University of Madras, Chennai during March 12- 13, 2018.
29. Participated in “Young Scientist Conclave” event as part of India International Science Festival (IISF) 2017 held at Chennai on 13th Oct to 16th Oct 2017.
30. Organised One Day National Staff Workshop on “Disaster Modeling and Its Impact Assessment” in St. Joseph’s College of Engineering , on 24.08.2017
31. Nominated for an intensive training on “Interdisciplinary Research Concepts and Methodologies” organized by IDRC- SAWA and Sasi- waters in Kandy, Srilanka in the period of December 2015.
32. Attended Two days National Workshop on “Water Resources System Modelling” in College of Engineering , Anna University.
33. Attended a training program on the topic of “DESIGN OF STEEL STRUCTURES”

<p>Certification Courses:</p>		<ul style="list-style-type: none"> <li>• Successfully Completed NITTT Course on :</li> </ul> <p>Module 1: Orientation towards Technical Education and Curriculum Aspects</p> <p>Module 2: Professional Ethics &amp; Sustainable Development</p> <p>Module 3: Communication Skills, Modes and Knowledge Dissemination</p> <p>Module 4: Instructional Planning and Delivery</p> <p>Module 5: Technology Enabled Learning and Life-Long Self Learning</p> <p>Module 6: Student Assessment and Evaluation</p>
<p>Professional Membership</p>	<p>:</p>	
<p>Funded project details</p>	<p>:</p>	<ol style="list-style-type: none"> <li>1. An Post Graduation project under the topic of “<b>Effects of Livelihood diversification and its impact on Displacement and Migration</b>” under the theme of Livelihood Adaptations of South Asian Countries, funded by Saci-waters and IDRC - Canada.</li> <li>2. Received a fund for the project titled “<b>Micro Plastic Contamination related health risk assessment from gravitational settling dust in Chennai Metropolitan City</b>” under Students Project Scheme from Tamil Nadu State Council for Science and Technology (TNSCST), Chennai.</li> </ol>