

**SRI**  
**SAIRAMENGINEERINGCOLLEGEDEPARTMENT**  
**OF CIVIL ENGINEERING**

<b>Name&amp;Photo</b>	<b>Dr. R. PAMILA</b> 
<b>Designation</b>	PROFESSOR& HEAD
<b>Qualification</b>	B.E., M.E., Ph.D
<b>AreaOfSpecialization</b>	ENVIRONMENTAL ENGINEERING.
<b>Experience</b>	<b>Teaching:UG:24 Years</b> <b>Industry:4 Years</b>
<b>NumberOfWorkshops/Conferences/FDP Attended</b>	<b>Workshop:</b> <b>National-9</b> <b>Conference:</b> <b>National–2</b> <b>International - 5</b> <b>FDP - 14</b>
<b>Publication</b>	<b>Journals:</b> <b>International-5</b> <b>National –8</b> <b>Patent : Published 5 patents and 1 Grant patent</b>
<b>ResearchGuidance</b>	NIL
<b>E-Mail</b>	<a href="mailto:pamila.civil@sairam.edu.in">pamila.civil@sairam.edu.in</a>
<b>Membership</b>	Institute of Electrical and Electronics Engineers (IEEE) Indian Society for Technical Education (ISTE)

	<p>Oceanic Engineering Society (OES)</p> <p>Geoscience and Remote Sensing Society (GRSS)</p> <p>Intelligent Transport System Society (ITSS) , IEEE</p> <p>IEEE Society on Social Implications Technology</p> <p>IEEE Sight&amp; IEEE Smart Cities Community</p>
<b>Achievements</b>	<ul style="list-style-type: none"> <li>- NPTEL DOMAIN Scholar in Environmental Engineering</li> <li>- NPTEL STAR AWARD</li> <li>- Published Five International SCI indexed journals with high Imp factor in the areas of wastewater Treatment and remediation.</li> <li>- Received Best paper Award in the International conference conducted by BSACIST.</li> <li>- Received Funding under TNSCST for guided projects.</li> <li>- Volunteered as proctor to guide and oversee competing teams for the IEEEExtreme 18.0 programming competition that hosted +19,000 participants</li> </ul>

**Workshops/Conferences/EDP Attended:**

- Participated in the *5-Day Faculty Development Program on “Environmental Impact Assessment”* organized by NITTTR, Chennai from **6th to 10th October 2025**.
- Successfully completed the *Certificate Course on Panchayat Administration and Rural Development Schemes* in **October 2025**.
- Completed the *Six-Day Faculty Development Program on “Comprehensive Industrial Sustainability: Carbon, Environmental Impact and Safety Enhancement (CISES)”* conducted by the Department of Civil Engineering, Sri Sivasubramanian College of Engineering from **5th to 10th February 2024**.
- Participated in the *Six-Day Faculty Development Programme on “Geo-Spatial Technology – Empowering Educators to Promote Innovation and Skill Set”* from **23rd to 28th May 2024**.
- Participated in the *Faculty Development Programme on “Disaster Management”* organized by NITTTR, Chennai from **27th to 31st May 2024**.
- Completed the course *“Good Governance in NSO National Boards for Consultants”* on **27th June 2024**.

- Participated in the *3-Day Faculty Development Program on Emotional Intelligence* conducted by ICT Academy from **4th to 6th October 2023** at Dwaraka Doss Goverdhan Doss Vaishnav College.
- Completed the *Five-Day Face-to-Face FDP on the theme “Universal Human Values II”* organized by AICTE from **26th to 30th July 2022**.
- Attended the *International Conference on World Environment Summit* from **1st to 3rd October 2021**, organized by Environment and Social Development Association (ESDA), Delhi.
- Completed the *Five-Day Online FDP on “Inculcating Universal Human Values in Technical Education”* organized by AICTE from **12th to 16th July 2021**.
- Attended the *AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Technology Trends in Smart City”* from **9th to 13th August 2021** at IIM Kashipur.
- Attended the *Online Orientation Training Programme for Mentors* organized by NITTTR from **26th to 30th July 2021**.
- Attended the *AICTE Training and Learning (ATAL) Academy Online FDP on “Waste Technology”* from **18th to 22nd January 2021**, conducted by NIT Durgapur.
- Attended the *AICTE Training and Learning (ATAL) Academy Online FDP on “Waste Technology”* from **4th to 8th January 2021**, conducted by NIT Warangal.
- Attended the *Anna University Sponsored Online FDTP on CE8502 – Structural Analysis I* from **14th to 18th June 2021**, organized by Sri Venkateswara College of Engineering, Sriperumbudur, Chennai.
- Completed the *Certificate Course – CII Certified Professional in Sustainable Waste Management* from **17th November to 12th December**, organized by CII, Chennai.
- Completed the *Seven-Day Faculty Development Program on “Advanced Technologies in Infrastructure Development”* organized by the Department of Civil Engineering, Easwari Engineering College, from **13th to 19th May 2020**, in association with MHRD – Institution’s Innovation Council.
- Attended the *Webinar on “Lean Construction – Last Planner System”* organized by the Department of Civil Engineering, School of Infrastructure, Crescent Institute of Science and Technology on **4th May 2020**.
- Participated in the *National Conference on “Innovations in Civil Engineering Through Sustainable Technologies – NICEST’19”* held from **20th to 21st September 2019**, organized by the Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.
- Attended the *One-Day Workshop on “Intellectual Property Rights and Innovation”* at Sri Sairam Engineering College on **20th July 2019**.
- Attended the *Six-Day FDP on “Design of Steel Structures”* held at Sri Sairam Engineering College, Chennai from **29th May to 3rd June 2021**.
- Attended the *International Conference on Innovative Technologies for Sustainable Built Environment (ITSBE 2017)* from **14th to 16th March 2017**, sponsored by SERB and INSA,

organized by B.S.A. Crescent University, Department of Civil Engineering, School of Infrastructure.

- Attended the *One-Day National Workshop on “Innovative Techniques in Water Management – ITWM 2017”* at SRM University on **22nd March 2017**.
- Attended the *One-Day FDP on “A Step to Outcome-Based Accreditation”* at Sri Sairam Institute of Technology on **4th April 2015**.
- Attended the *Six-Day FDP on “Transportation Engineering”* held at Sri Sairam Engineering College, Chennai from **23rd to 29th May 2014**.
- Attended the *Two-Day AICTE Sponsored National Seminar on “Environmental Issues and Sustainable Development”* held at Sri Sairam Engineering College, Chennai on **11th and 12th November 2013**.
- Attended the *FDP on “Quality Management System and Audit Training”* at Sri Sairam Engineering College.
- Attended the *Six-Day FDP on “Disaster Management and Mitigation”* held at Sri Sairam Engineering College, Chennai from **24th to 31st May 2013**.
- Attended the *International Workshop on “Sustainable Infrastructure Development”* at B.S.A. Crescent Institute of Science & Technology.
- Attended the *One-Day National Level HRD Programme on “Ecological Restoration of Coovam River for Singara Chennai”* on **6th June 2011**, organized by SRM Institute of Science & Technology.
- Participated in the *International Conference on Environmental Management and Green Technologies (ICEMGT)* from **19th to 20th March 2014**, and presented a paper titled **“Colour Removal from Wastewater Using Eco-Friendly, Low-Cost Adsorbent – Chitosan Beads.”**
- Participated in the *National Conference on Futuristic Innovations & Emerging Trends in Civil Engineering (FIETCE’14)* held from **5th to 6th May 2014**, and presented a paper titled **“Evaluation of Adsorption Efficiency of Dye from Aqueous Solution onto Waste Shell Powders (Prawn and Egg Shells).”**
- Attended the *International Conference on Innovative Technologies for Sustainable Built Environment (ITSBE’17)* from **14th to 16th March 2017**, and presented a paper titled **“Biosorption of Heavy Metals from Aqueous Solutions Using Adsorbents Derived from Waste Biomass.”**
- Participated in the *International Conference on Emerging Trends in Energy and Environment (ICETEE 2014)* and presented a paper titled **“Study on Biosorption of Heavy Metals in Leachate Using Tamarind Husk at Kannadapalayam Dumpsite.”**

**Papers Presented In various National & International Journals:**

1. R. Pamila, Ajith Kumar M., Ramesh Aravinth R., Sanjay V.  
**“Smart Water Quality Monitoring System Using IoT.”** *IEEE Smart Cities Publications*, 2023.
2. Geetha Chandrasekaran, N. Ahalya, R. Pamila, P. Madhu, L. Vidhya, S. Vinodha, Arby'in Pratiwi, Ali Bain, J. Isaac Joshua Ramesh Lalvani  
**“Thermal Degradation of Emerging Pollutants in Municipal Solid Wastes and Agro Wastes: Effectiveness of Catalysts and Pretreatment for Conversion to Value-Added Products.”** *Discover Applied Sciences*, 2024.
3. R. Pamila, Vasanthi P.  
**“Optimization of Adsorption Process Parameters on Cationic Dye Removal Efficiency Using DOE.”**  
*Two-Day Virtual International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022)*, B.S. Abdur Rahman Crescent Institute of Science and Technology, 15–16 June 2022.
4. Lazha, Pamila Ramesh, Sheeja R.  
**“A Review on Immunomodulatory Traditional Siddha Herbs Prescribed for the Prevention of COVID-19.”**  
*International Journal of Botany Studies*, Vol. 6, Issue 4, 2021, pp. 710–713.
5. Pamila Ramesh, Sujaatha A., Bhagavathi Perumal S.  
**“Analysis of Ground Water Defluoridation by Adsorption Process.”**  
*Vol. 9, Issue 1, 2021.*
6. Pamila Ramesh, Vasanthi P.  
**“Batch Adsorption Studies on Removal of TB Dye Using Low-Cost Adsorbents: An ANN Approach.”**  
*Biomass Conversion and Biorefinery*, 2021.
7. Pamila Ramesh, Vasanthi P.  
**“Batch and Column Mode Removal of TB Dye Over Biochar-Based Adsorbent from *Prosopis juliflora*: A Comparative Study.”**  
*Chemosphere*, Vol. 271, 129426, 2020.
8. Pamila Ramesh, Padmaja M., Vasanthi P.  
**“Optimization of Cu(II) and Cr(VI) Removal Efficiency Using ANNs and RSM.”**  
*Journal of Test Engineering and Management*, Vol. 83, pp. 8343–8348, 2020.
9. Pamila Ramesh, Padmaja M., Vasanthi P.  
**“Influence of Homemade Coagulants on the Characteristics of Surface Water Treatment: Experimental Study.”**  
*International Journal of Engineering Research & Technology (IJERT)*, ISSN: 2278-0181.
10. M. Padmaja, R. Pamila  
**“Comparative Study of Low-Cost Adsorbents in the Elimination of Methylene Blue Dye from**

**Aqueous Solutions.”**

*IJARIT Spectrum*, Vol. 3, Issue 3.

**11. N. Nisha, R. Pamila, S. Srilekha, N. Kousalya Ranga**

**“Partial Replacement of Cement Using Cashew Nut Shells, *Prosopis juliflora*, Carrot Peel Waste, and Potato Peel Waste.”**

*GIS Science Journal*, Vol. 9, Issue 7, ISSN: 1869-9391, 2022.

### **Book Chapter**

**Sanjay V., Ajith Kumar M., Ramesh Aravinth R., Pamila R.**

**“Biochar Filtration for Grey Water Treatment.”**

*Project Innovations in Distributed Computing and Intelligent Technology* (12th Project Innovation Contest 2023),

World Leadership Academy, ISBN: **978-93-94318-07-6**.