FACULTY PROFILE

<table>
<tr><td colspan="2">Name: Dr. SAMLA SALIM</td><td>Address: Skyline Plaza, Flat #7D, Vellayambalam, Sasthamangalam P. O. Trivandrum-695010</td></tr>
<tr><td colspan="2" rowspan="2">Designation: Assistant Professor</td><td>Email: samlasalim@lbsitw.ac.in</td></tr>
<tr><td colspan="2">Department: Electronics & Communication Engineering</td><td>Mobile: 9946458150</td></tr>
<tr><td colspan="3">ACADEMIC QUALIFICATIONS</td></tr>
<tr><td>Doctoral (Institute, year, Subject)</td><td colspan="2">Noorul Islam Centre for Higher Education, 2025, Electronics & Communication</td></tr>
<tr><td>P.G.</td><td colspan="2">Applied Electronics</td></tr>
<tr><td>U.G.</td><td colspan="2">Electronics & Communication Engineering</td></tr>
<tr><td>Other qualifications</td><td colspan="2">-</td></tr>
<tr><td colspan="3">AREA OF INTEREST</td></tr>
<tr><td colspan="3">Artificial Intelligence and Deep Learning</td></tr>
<tr><td colspan="3">WORK EXPERIENCE</td></tr>
<tr><td>Teaching (Period, position, Organization)</td><td colspan="2">13.5+ years , Assistant Professor at LBSITW (3.5+ years) and Assistant Professor at MACE (10 years)</td></tr>
<tr><td>Industry</td><td colspan="2">1 year</td></tr>
<tr><td>Others</td><td colspan="2">-</td></tr>
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RECENTLY TAUGHT COURSES

- Solid State Devices
- Computer Communication
- Embedded Systems & IoT
- Wireless Communication
- Secure Communication
- Information Theory and Coding
- Soft Computing
- Life Skills
- Professional Ethics
- Basic Electronics Engineering
- Analog Integrated Circuits & Simulation Lab
- Electronics Workshop
- Analog Circuits & Simulation Lab
- Digital Signal Processing Lab
- Professional Communication Lab
- Microcontroller Lab
- Digital Lab

OTHER RESPONSIBILITIES

- Coordinator- FDP on Recent and Future Innovations in Artificial Intelligence
- Reviewer - Technical Papers - ICCSC-23 [International Conference on Computational Systems and Communication- 2023]

PUBLICATIONS (LATEST)

Peer Reviewed Science cited International	• "An improved invasive weed optimization enabled Shepard convolutional neural network for classification of breast cancer ", Samla Salim, Sarath R, International Journal of Imaging

Journals	Systems and Technology 32 (5), 1521-1534 • "Breast cancer detection and classification using histopathological images based on optimization-enabled deep learning", Samla Salim, R Sarath, Biomedical Engineering: Applications, Basis and Communications 36 (01), 2350028 • "Hybrid Optimization Enabled Segmentation And Deep Learning For Breast Cancer Detection And Classification Using Histopathological Images", Samla Salim, R Sarath, Biomedical Engineering: Applications, Basis and Communications 35 (06), 2350031
Peer Reviewed Science cited International Conferences	• "Brain Tumor Detection using Image classification and deep learning approaches with MRI images of Brain", Samla Salim, R Sarath, Conference on Advanced Wireless Communications and Pervasive Technologies (ICAWCPT-23) organized by the Department of Electronics & Communication Engineering, Mar Baselios College of Engineering & Technology Peermade, 25th to 26thMay, 2023. • "Image Classification and Deep Learning Approaches for Brain Tumor Detection with MRI Images Of Brain", Samla Salim, R Sarath, International Conference on Control, Instrumentation, Communication and Computational Technologies, (ICCICCT-2023) organized by the Department of Electronics and Instrumentation Engineering, Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari, District, Tamilnadu, 27th and 28th April 2023.
Funded Projects/ R & D	-

Date: 16/07/2025 Signature: