FACULTY PROFILE

Name: Dr. Baiju P S	**Address: Flat No. 7, Whiteline Cottage, Poval, Muliyar P.O., Kasaragod-671542**
Designation: Assistant Professor	
	Email: baijups@lbscek.ac.in
Department: ECE	**Mobile: 9895016065**

ACADEMIC QUALIFICATIONS

Research	Ph.D. in Image and Video Processing
P.G.	M.Tech in Signal Processing
U.G.	B. Tech in Electronics and Communication Engineering

AREA OF INTEREST

Signal Processing, Image and Video Processing, Computer Vision, Machine Learning, Deep Learning, Artificial Intelligence.

WORK EXPERIENCE

Teaching (*Period, position, Organization*)	Jan 2008-July- 2023 Assistant Professor, L.B.S. Institute of Technology for Women, Poojappura, Trivandrum, Kerala August 2023 – till date, Assistant professor, L.B.S. College of Engineering, Kasaragod, Kerala
Industry	

Others	

RECENTLY TAUGHT COURSES

2022-'23 Even semester : Digital Signal Processing, Pattern Recognition

2023-'24 Odd semester : Machine Learning, Analog Integrated Circuits Lab, Electronic Circuit

OTHER RESPONSIBILITIES

LBSITW (From Jan 2008 to July 2023)

- 2008-2010, Staff Advisor, ECE batch
- 2014-2015, Union Staff Advisor
- 2020- till date, PTA Treasurer
- 2020- till date, Dean (Research & Consultancy)
- 2020 - till date, Member – College Council
- 2021-2025, Staff Advisor, AE & I batch
- 2023, Organizing Chair, National Conference, NCACSI-2023

LBSCEK (from August 2023 till date)

Criterion in charge -Criterion 9, NBA

Publications

1. Baiju P. S., Deepak Jayan P., Sudhish N. George, "Tensor Total Variation Regularised Low Rank Approximation Framework for Video Deraining", IET Image Processing, ISSN: 1751-9659, 2020,vol. 14, issue 14, pp:3602-3612.

2. Baiju P. S., Sudhish N. George, "An Automated Unified Framework for Video Deraining and Simultaneous Moving Object Detection in Surveillance Environments", IEEE Access, DOI: 10.1109/AC-CESS.2020.3008903, vol. 8, July, 2020.

3. Baiju P. S., Sudhish N. George, "l 1/2 regularized joint low rank and sparse recovery technique

for illumination map estimation in low light image enhancement", Journal of Ambient Intelligence

and Humanized Computing, Springer, DOI: 10.1007/s12652-021-02947-x, February, 2021.

4. Baiju P. S., Sherin Lisa Antony, Sudhish N. George, "An intelligent framework for transmission map estimation in image dehazing using total variation regularized low-rank approximation", The Visual Computer, Springer, DOI: 10.1007/s00371-021-02117-2, March, 2021.

5. Baiju P. S., Sudhish N. George, "TTV Regularized LRTA Technique for the Estimation of Haze Model Parameters in Video Dehazing", ACM Transactions on Multimedia Computing, Communications and Applications, DOI: 10.1145/3465454, vol 18, No. 1, Article 4, 2022.

Date: 14/12/2023

Signature: sd/-
Dr. Baiju P S