

Name+: Dr.SHEEBA K

Designation: Associate Professor

Date of Birth: 12-02-1971

Date of joining at LBSCEK: 03-06-1999

Address: OFFICE:

ECED,LBSCEK

RESIDENCE:

Thiruvathira,

Surabhi Housinog Colony, Kasaragaod,671121

Contact Details:

Telephone: 9447551441,9061145669

Email:

Google Scholar: sheebaklbs@gmail.com

searchgate:

ORCID:

Educational Qualifications:

PhD from Karpagam Academy of Higher Education,2021, Thesis topic is “Developments of Fractal Image Compression Techniques “ .

M Tech. from NIT Calicut, 2006,Digital Systems & Communication Engg

B Tech. from Govt. College of Engg. kannur ,1993,Electronics& Communication Engg.

R E S E A R C H I N T E R E S T : Image Processing, Video Processing, Audio Processing, Information theory and coding.

Teaching Experience: Lecture : Govt. College of Engg Kannur 08/08/97 to 30/03/98.

Lecture : LBSCE , 3/06/99 to 31/05/2006

Senior Lecturer LBSCE , 1/06/2006 to 31/10/2007

Associate Professor : LBSCE 1/11/2007to till date Twenty one years: LBSCE,

Industry experience: ISRO -LPSC: 6 months



Subjects Taught: Digital image processing (For UG and PG), Information theory and coding, Analog integrated circuits (Theory and Lab), Digital Communication, Signal Compression (For PG) Electronics circuits lab

Achievements:

LIST OF JOURNALS:

1)K. Sheeba,M. Abdul Rahiman Gradient based fractal image compression using Cayley table Elsevier-Measurement 140 (2019) 126–132 available at ScienceDirect

2)K. Sheeba,M. Abdul Rahiman , Fractal Image Compression Using Gradient Based Affine Transformation Prediction, Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 15-Special Issue, 2018

3)K. Sheeba,M. Abdul Rahiman ,Iteration less Wavelet-Fractal Image Compression Applicable in Cellular Mobile Communication System, International Journal of Computer Applications (0975 – 8887) Volume 136 – No.8, February 2016

4)Nithin P P, 2Sheeba K,Hybrid Lossless Binary Image Compression Using RLC and RCRC,IJCAT - International Journal of Computing and Technology, Volume 3, Issue 6, June 2016,ISSN : 2348 – 6090 , www.IJCAT.org

5) Arjun Purushothaman, Sheeba K,An Improved Hybrid Wavelet-Fractal Image Compression Using Gradient Based Method, IJCAT - International Journal of Computing and Technology, Volume 3, Issue 6, June 2016 ,ISSN : 2348 – 6090 www.IJCAT.org.

6)Nithin P P, 2Sheeba K, A Review on Lossless Compression Methods for Binary Images,International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering nCORETech LBS College of Engineering, Kasaragod Vol. 3, Special Issue 1, February 2016

LIST OF CONFERENCES

K. Sheeba,M. Abdul Rahiman ,Fractal Coding Using Gradient Direction Based Tag Matrix and Score Value,Procedia Computer Science 93 (2016) 439 – 445 Published by Elsevier B.V,CACC 2016, 6-8 September 2016.

Sheeba K, “ Hybrid Fractal Image Compression with Fine DWT Coefficient and Affine Transformation Prediction,nCORETech-2015

Sheeba K,” Lossless Color Image Compression Using Super Spatial Structure Prediction and Hierarchical Prediction.,nCORETech-2015

K.Sheeba,”Image Enhancement Using Adaptive Learning,6th Annual Research Congress KURAC-2014.

Sheeba K, “ Image Inpainting with Decomposition”,International Conference on VLSI and Communication,SAINTGITS College of Engineering, Kottayam,2009

K.P Adila, K.Sheeba,"Feature fused breast cancer detection",IEEE Xplore - International Conference on Futuristic Technologies in Control Systems,2020.

Sheeba K,Ayshath Afra T P ," Image Compression Using Neural Network Based Prediction ",International Conference on Advances in Security and Computing-Scopus Indexed.

LIST OF FACULTY DEVELOPMENT/SHORT TERM PROGRAM

LIST OF INVITED TALK:

ADMINISTRATIVE WORKS: Group tutor ship (PG and UG), Convener – Ladies Grievance and redressal cell, HOD(15/11/201 to 10/09/2025 .18/01/2021 onwards), Member in KU Board of Studies,PSC Question paper setter.

Sponsored Project:

Consultancy Project: