

**Nishanth Augustine**

Designation: Assistant Professor

Date of Birth: 30/05/1979

Date of joining at LBSCEK: 16/01/2008



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Educational Qualifications:

PhD (Doing)

MTech in Signal Processing.(NIT Calicut)

BTech in Electronics and Communication (Model Engineering College, Ernakulam)

RESEARCH INTEREST: Embedded System, Signal Processing, VLSI

Teaching Experience: 13 years

Subjects Taught: Solid State Devices, Signals & Systems, Digital Signal Processing, Advanced Digital Signal Processing, Digital Image Processing, VLSI Signal Processing, Computer Architecture & Microcontrollers.

Achievements:

LIST OF JOURNALS:

1) Audio security through compressive sampling and cellular automata (Multimedia Tools and Applications, Volume 71, Number3 August, 2014)

2) An audio encryption technique through compressive sensing and Arnold transform (Int. Journal Trust Management in Computing and Communications, Vol.3, No.1,2015)

**LIST OF CONFERENCES:**

Sl. No.	PUBLICATIONS	Organizer	Date	Remarks
1	Compressive sensing Based Audio scrambling using Cellular Automata	IISC, Bangalore	6-7 Jan 2014	IEEE CONNECT-2014
2	Compressive sensing Based Audio scrambling using Arnold Transform	IITM-K, TVM	13-14 March 2014	SNDS-2014
3	Compressive sensing Based Audio watermarking using Arnold SVD & DM Quantization	TKMCE, Kollam	21-24 August 2014	ICSSP-14
4	Vehicle Detection & Counting Using image processing	LBSCE, Kasaragod	20-21 Jan 2015	nCORETech2015
5	A Survey of Classical Methods & New Trends in Hyperspectral unmixing	LBSCE, Kasaragod	10-11 Feb 2016	nCORETech2016
6	A Review of Reconstruction of Hyperspectral Images from Random projections	LBSCE, Kasaragod	10-11 Feb 2016	nCORETech2016
7	Hyperspectral image denoising using Subspace identification and low rank SNGCET, Payyannur		26-27 April 2017	

**LIST OF FACULTY DEVELOPMENT/SHORT TERM PROGRAM:**

Sl. No.	FDP	Organizer	Date	No. of Days
1	IOT	LBSCE, Kasaragod	11-15 Jan 2021	5
2	Electromagnetics and antenna Technology	LBSITW, TVM	01-05 Dec 2020	5
3	Research trends in Optics Photonics and Nano technology	LBSITW, TVM	9-13 Nov 2020	5
4	Block Chain	LBSCE, Kasaragod	2-6 Nov 2020	5
5	Recent Advances in Communication & Networking	GEC, Idukki	28 Sep-3 Oct 2020	6
6	Current Trends in Electronics & Communication	YCET, TVM	21-25 Aug 2020	5
7	Research Trends in Multimedia & Multirate Signal processing	NIT, Calicut	24-29 June 2019	6
8	Image processing & Computer Vision	GCE, Kannur	10-15 Dec 2018	6
9	Analog & Mixed Signal circuits for CMOS Intelligent Sensors	NIT, Calicut	9-14 July 2018	6
10	Advanced Digital Signal processing Algorithms & Architectures	NIT, Calicut	27 Jun-2 Jul 2016	6
11	VLSI Signal Processing System Design & Implementation Using Cadence	LBSCE, Kasaragod	1-6 March 2016	6

12	Advancements in Communication & Signal processing	GCE, Kannur	19-21 August 2015	3
13	Recent Trends in Image and Video Processing	LBSCE, Kasaragod	14-15 March 2009	2
14	Wireless Communication & Networks	LBSCE, Kasaragod	23-28 March 2009	6
15	Simulation Software and Loco Engineering	LBSCE, Kasaragod	27-28 March 2009	2
16	Hands On Training in Engineering Tools using Free Software	NSS Palakkad	17-29 Nov 2008	13
17	Induction Training for the Faculty	LBSCE, Kasaragod	16-18 Jan 2008	3

LIST OF INVITED TALK:

ADMINISTRATIVE WORKS: Resident Tutor (MH1), Superintendent of PSC exam, Class room Committee Convenor, Grievance cell member, ECE Association faculty-in-charge.

Sponsored Project:

Consultancy Project: