

KUMAR D

Assistant Professor
Dept. of Electronics & Instrumentation Engg.
B M S College of Engineering, Bengaluru.
Mob: 9743114046
Email: kumard.intn@bmsce.ac.in



Education Details:

Course	Specialization	Year		College/University
		Joining	Completion	
B.E.	Electronics and Communication Engineering	2004	2008	U B D T College of Engineering, Davangere, Karnataka
M.Tech	Communication Engineering	2012	2014	N I T, Surathkal, Karnataka
(PhD)	Image and Video Processing	2018	Pursuing	Visvesvaraya Technological University, Karnataka

Experience:

Sl. No	Designation	Name of the Organization	Period		Total Experience
			From	To	
1	Assistant Professor	B M S College of Engineering, Bangalore	08/08/2019	Till date	
2	Assistant Professor	S J C Institute of Technology, Chickballapur	14/08/2014	03/08/2019	05 Years
3	Lecturer	S J C Institute of Technology, Chickballapur	26/01/2009	18/05/2012	03 Years

Areas of Interest:

- Optical Communication
- Wireless Communication
- Image Processing
- Electronic Circuits

Member of Professional Bodies:

Sl. No	Name of the Society/Institute	Membership Number
1	Associate Member of Institution of Engineers (AMIE)	AM165922-5
2	Member of iMAPS India	

Publications:

Sl. No	Authors	Title of the Paper	Journal/conference	Year
1.	Kumar D, Atul M Kulkarni, Dr. Aparna P	ECG Signal Compression using Discrete Wavelet Transform (DWT) and Discrete Cosine Transform (DCT)	International Conference on Computer, Electrical and Electronics Engineering (ICCEEE-2013)	2013
2.	Kumar D, Vijaya Kumar C N, Ravi M V	40-Gbps Transmission in Optical Fiber Using Orthogonal Frequency Division Multiplexing	International Journal of Electronics & Communication Technology (IJECT), Vol 6, Issue 3, July-Sept 2015.	2015
3.	Kumar D, Vijaya Kumar C N, Anil Kumar R	OFDM for Next Generation Optical Communication	National level Conference in Electronics and Telecommunication Engineering, 21,21/04/2016	2016
4.	Kumar D, Nithin Kumar N P, Madhu Sudhana C, Raksith A V	Quad copter With Obstacle Avoidance and its Application	National level Conference in Electronics and Telecommunication Engineering, 21,21/04/2016	2016
5.	Kumar D, Vijaya Kumar C N, Anil Kumar R	Performance analysis of image compression using discrete wavelet transform,	IJARCSSE Vol7, Issue 3, March 2017	2017
6.	Kumar D, Vijaya Kumar C N, Anil Kumar R	Image compression technique based on Haar wavelet transform	ICASE-2017 Regents International collage Regents International collage Bangkok, Thailand	2017
7.	Kumar D, Vijaya Kumar C N, Anil Kumar R	IOT platform for improving Indian agriculture systems	ICASE-2017 Regents International collage Regents International collage Bangkok, Thailand	2017
8.	Kumar D, Dr. Vijaya Kumar C N, Anil Kumar R	Performance analysis of direct detection optical OFDM systems	International Journal of Engineering and Technology, Vol. 7, 2018	2018

Projects Guided:

Sl. No	
1	Aadhar Card Based Biometric E-Voting System with Embedded Security along with Remote Access
2	Assistive Technology for Visually Impaired and Blind People Using Multi Sensors and IOT
3	Quad Copter with Obstacle Avoidance and its Applications
4	Performance Analysis of Coded Optical Orthogonal Frequency Division Multiplexing System

Workshops / Seminars Attended:

Sl. No	Name of the Event	Date	Venue
1	Internet of Things	24 th Jan 2019	V T U Regional office, Bengaluru
2	Medical Instrumentation and Signal Analysis Using Virtual Instrumentation Platform (A2A)	9 th to 14 th July 2018	MSRIT, Bengaluru
3	Signals and Systems with its applications	25 th March 2018	The IETE center , Bengaluru
4	Innovations in Teaching and learning in Higher Education	28 th and 29 th Dec 2017	
5	Work shop on Image processing using MAT LAB	27 th June to 4 th July 2017	SJCIT, Chickballapur
6	SciPy India Conference 2016	10 th and 11 th December 2016	IIT Bombay
7	NPTEL Workshop	18 th March 2016	SJCIT, Chickballapur
8	Cadence University Conference “Architecture to Silicon to Systems: Academia role in Electronic Design and R&D” has been confirmed.	06/12/2016	The Chancery Pavilion Hotel, Bangalore
9	One day workshop NPTEL WORKSHOP	18/3/2016	SJCIT, Chickballapur
10	Train the Trainer Programmer	28-29 January 2016	SJCIT, Chickballapur

11	FDP on Analog and RF CMOS Circuit Design	29 June to 4 th July 2015	MSRIT, Bangalore
12	Three days Workshop on “Linear Algebra and its Application in Signal Processing” (LASP-2014), Sponsored by TEQIP-II,	18 to 20 February 2014	NITK, Surathkal
13	One day National Seminar on "Fundamentals of Speech Processing"	20 th December 2013	NITK, Surathkal
14	Two days Workshop on “Recent Trends in Signal Processing and Communication Technologies” (RTSCT-2013), Sponsored by TEQIP-II,	13 to 14 September 2013	NITK, Surathkal
15	Three days Workshop on “Emerging Trends in Optical Communication Systems and Networks” (ETOCNS-2013), Sponsored by TEQIP-II,	5 th to 7 th September 2013	NITK, Surathkal
16	Three days Workshop on “Microcontroller and its application”	30 th March to 1 st April 2012	Radel Electronics, Bangalore
17	Three Days National Workshop on “Advanced DSP and its applications”	17 th to 19 th July 2011	SJCIT, Chickballapur
18	FDP on "Electromagnetic's and its Applications" (ECTC-2010)	23 to 25 June 2010	SJCIT, Chickballapur
19	One day National Seminar on "Advanced Applications in the Engineering Physics and Technology" (AAEPT-2009)	26 th August 2009	SJCIT, Chickballapur

Personal Details:

Name: Kumar D
 Date of Birth: 20-07-1986
 Sex: Male
 Present Address: #5/2, 17th Cross, Basaveshwaranagar
 Bangalore-560079
 Permanent Address: Karpenahalli Village, Dodderi Hobli
 Madhugiri Taluk
 Tumkur-572112
 Contact Number: 9743114046
 E-Mail ID: kumard243@gmail.com