


PERSONAL DETAILS			
Name	Kavitha B C		
Department	Electronics & Communication Engg.		
Designation	Assistant Professor		
Qualification	M.Tech., (PhD)		
Teaching Experience	13 Years		
Email	kavitabelegere@gmail.com		
Vidwan-ID	119752	Scopus ID	
Orcid Id	0000-0001-5775-4901	Google Scholar ID	CGq-9eoAAAAJ
Type of Association	Regular		
Core Discipline	Electronics & Communication Engineering		
Specialization	Computer Applications in Industrial drives.		
DOJ	25/07/2012		
Areas of Interest	<ul style="list-style-type: none"> · VLSI · Image processing · Communication · Networking 		
MEMBERSHIP OF PROFESSIONAL BODIES			
Professional Society	From Year	Membership Number/ Nature	

IEEE	April 2020	96715819/1 year
ISCA	August 2019	L-38404/ LIFETIME
ISTE	2020	LM131721

PUBLICATIONS

INTERNATIONAL JOURNALS: 05

Kavitha B C, **Investigation on Image Processing Techniques for Lung Cancer Detection** Designing Engineering Toronto, *ISSN: 0011-9342* (Scopus Indexed)

Kavitha B C, **LUNG CANCER DETECTION USING ARTIFICIAL NEURAL NETWORKS** International Journal of Advanced Research in Computer and Communication Engineering Vol. 10, Issue 6, June Month 2021 DOI 10.17148/IJARCCCE.2021.106128

Kavitha B C, **LUNG CANCER DETECTION USING CONVOLUTIONAL NEURAL NETWORKS** ISSN: 2582-5208, Volume:03/Issue:07/July-2021

Kavitha B C, **CATTLE HEALTH MONITORING USING IOT** JETIR, May 2019, Volume 6, Issue5.

Kavitha B C, Restoration of Images Corrupted By Mixed Gaussian Impulse Noise With Weighted Encoding, JETIR, May 2019, Volume 6, Issue5.

Kavitha B C, Bank Locker Opening System using RFID, IJAERD, April 2018, Volume 5, Issue 4.

Kavitha B C, Mining Environment Monitoring System using Li-Fi, IJAERD, April 2018, Volume 5, Issue 4.

Kavitha B C, Agricultural Crop Monitoring Sensors using IoT-A Study, **IJERT**, NCESC - 2018 Conference Volume 6, Issue 1369.

NATIONAL CONFERENCES:06

1. Kavitha B C, Current Control System for Industries using Pellet amps Controller, 4th NCETEC 2017, BGS Institute of Technology

2. Kavitha B C, A Smart phone based pocket fall accident detection positioning and rescue system, 4th NCETEC 2017, BGS Institute of Technology.

3. Kavitha B C, Agricultural Crop Monitoring Sensor using IOT, 3rd NCESE 2018, GSSS Institute of Engineering and Technology for Women, Mysore.

4. Kavitha B C, Mining Environment Monitoring System using Li-Fi, 3rd NCESE 2018 National Institute of Engineering, Mysore.

5. Kavitha B C, Cattle health Monitoring using IOT, NCCOSINE 2019 National Institute of Engineering, Mysore.

6. Kavitha B C, Restoration of Images corrupted by mixed Gaussian impulse noise with weighted encoding, NCCOSINE 2019, National Institute of Engineering, Mysore.

WORKSHOPS/SEMINARS/FDPs/ PARTICIPATED:

1. 3 Days, FDP on Entrepreneurship for Academicians, 15th- 17th July 2019, Atal Incubation Center , JITF, Bangalore.

2. 1 Day, Management of Intellectual Property, 21st June 2019, ACU.

3. 5 Days, Embedded Systems Designs, IOT and IOT security protocols, 16th– 20th Jan 2019, Dept. of ECE, DSATM, Bangalore.

4. 5 days, Machine Learning crash course (MLCC), 15th-19th Dec 2018, Dept. of CSE and ISE, BGSIT, ACU and Google.

5. 6 Days, CCNA Switching and routing , 23rd– 28th July, SJBIT Bangalore.

6. 4 Days, Emerging Innovative approaches in VLSI, Communication & Network

systems, 10th-13th April 2018, Dept. of Electronics and Communication Engineering BGSIT, in association with KSCST, Govt. of Karnataka.

7. 1 Day, International symposium on Nan materials 22 nd Sep 2018, Dept. of Nano technology, VTU, Muddenahalli.
8. 6 days, Embedded Controller Programming with ARM CORTEX-M3, 29 th January to 3rd February, BGS Institute of Technology.
9. 6 days, Teaching techniques and learning management system using ICT tools, 16 th to 21 st Jan 2018, Ramaiah Institute of technology, Bangalore.
10. 2Days, Use of E-resources for teaching and research 23 rd &24 th June 2017, BGS Institute of Technology.
11. Attended one day Seminar on Mysteries of our Universe- A Scientific Enquiry ,31 st Oct 2014, BGS Institute of Technology.
12. 3 Days, Attended Mission 10X, Engineering Faculty Workshop ,16 th to 18 th Oct 2013, BGS Institute of Technology.
13. 3Days, Hands on Workshop on VLSI Design using Cadence Tools Suite,28 th to 30 th July 2010, Sambhram Institute of Technology, Bangalore.
14. 2 Days National Level Symposium on Recent Trends in Communication Engineering, Organized under TEQIP collaboration with the INSAT Master Control Facility (ISRO), 12 th and 13 th Sept 2005, Malnad College of Egg., Hassan.

AWARDS, COMMENDATIONS RECEIVED

Nature	Year	Awarding Organization
Academic Excellence Award	2017-2018	BGSIT, B G Nagara

ONLINE COURSES

Course Title	Course Organization	Year
Digital Electronic circuits	NPTEL	2018-19
Artificial intelligence	Udemy	2019-20
SWOT Analysis	Udemy	2019-20

MATLAB with Image Processing	Udemy	2019-20
Block chain	Udemy	2019-20
Advanced image processing	Udemy	2020-21
Fundamentals of Image thresholding and masking.	Udemy	2020-21

Webinars/FDPs /Workshops /Quiz /Technical Seminars Participated					
1	IMAGE PROCESSING using PYTHON	WEBINAR	ONLINE	12-May-20	MOUNT ZION COLLEGE OF ENG & TECH
2	EMBEDDED SYSTEM & IOT	WEBINAR	ONLINE	13-Jul-20	CEC,BLORE
3	POWER ELECTRONICS	QUIZ	ONLINE	13 TO 15TH JULY 2020	DR TIMMAIAH INSTITUTE OF TECH
4	FUNDAMENTALS OF ANTENNA AND MIMO	WEBINAR	ONLINE	26.06.2020	BAHUBALI COLLEGE OF ENG
5	CMOS ANANLOG INTEGRATED CIRCUITS	FDP	ONLINE	28.05.2020 TO 30.05.2020	SVR ENG COLL
6	IOT SIMULATION USING TINKER CADD	WEBINAR	ONLINE	09.06.2020	CAMBRIDGE INSTITUTE OF TECH
7	GESTURE RECOGNITION BASED AIR WRTINIG USING OPEN CV	WEBINAR	ONLINE	23 MAY.2020	SIR THEGARAYA COLLEGE OF ENG
8	VIRTUAL REALITY	WEBINAR	ONLINE	14TH MAY 2020	SRM INSTITUTE OF

					TECHNOLOGY
9	IOT USING AURDINO	WEBINAR	ONLINE	13.05.2020	ST FRANCIS COLLEGE FOR WOMEN
10	RECENT TRENDS IN POWER ELECTRONICS USING MATLAB	WEBINAR	ONLINE	22.05.2020	St.PETERS ENGINEERING COLLEGE
11	ADVANCED COMMUNICATION SYSTEMS	WORKSHOP	ONLINE	17th to 28th August 2020	RVCE BANGALORE
12	DEEP LEARNING WITH NEURAL NETWORKS	WEBINAR	ONLINE	30.05.2020	SHIVAJIRAO KADAM INSTITUTE OF TECHNOLOGY & MANAGEMENT
0	MATLAB INTRRFACING WITH FUZZY LOGIC TOOLBOXES	WEBINAR	ONLINE	03.06.2020	B R ENGINEERING COLLEGE
14	THINGSPEAK CLOUD & INTERNET OF THINGS	WEBINAR	ONLINE	02.06.2020	QUAID-E MILLATH GOVT. COLLEGE FOR WOMEN
15	OBJECT TRACKING	WEBINAR	ONLINE	23.05.2020	C.ABDUL

	USING ML & PYTHON				HAKEEM COLLEGE OF ENGINEERING & TECHNOLOGY
--	-------------------	--	--	--	--

16	ACCELERATE MACHINE LEARNING ALGORITHMS WITH INTEL DAAL4PY	WEBINAR	ONLINE	22.05.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
17	DRONES-TRENDS & ITS FEATURES		ONLINE	13.05.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
18	RHEL8 - DRIVING FORCE OF DEVOPS	WEBINAR	ONLINE	21.05.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
19	APPLICATIONS OF IOT	WEBINAR	ONLINE	3.06.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
20	AVIONICS TECH & TRENDS	WEBINAR	ONLINE	01.06.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
21	DATA ANALYTICS FOR IOT CONNECTED DEVICES USING AWS CLOUD	WEBINAR	ONLINE	29.05.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
22	DEEP LEARNING MODEL DEPLOYMENT WITH OPEN VINO TOOL KIT FOR COMPUTER VISION APPLICATIONS	WEBINAR	ONLINE	28.05.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
23	SATELLITE NAVIGATION	WEBINAR	ONLINE	28.05.2021	SAMBHRAM INSTITUTE OF TECHNOLOGY
24	TECHNOLOGY PLATFORMS TO HARNESS TRUE POTENTIAL OF 5G	WEBINAR	ONLINE	26.05.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY

25	WORLD NO TOBACCO DAY	WEBINAR	ONLINE	30.05.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
26	REDUCING THE ENTROPY OF THE WORLD SOCS FOR WIRELESS COMMUNICATION	WEBINAR	ONLINE	08.05.2020	RVCE BANGALORE
27	RESEARCH	WEBINAR	ONLINE	15.05.2020	PANDIT

	INNOVATION AND ENTREPRENEURS HIP OPPORTUNITIES IN COVID 19 SCENNARIO				DEENDAYAL PETROLEUM UNIVERSITY
28	FREE MOVE TO COMPLEMENT ENG EDUCATION	WORKSHOP	ONLINE	13.05.2020	IEEE
29	APPLICATION OF MULTICARRIER MODULATION IN BROADBAND COMMUNICATION	WEBINAR	ONLINE	07.05.2020	RVCE BANGALORE
30	TRENDS IN DSP & ITS APPLICATIONS IN INDUSTRY	TECHNICAL SEMINAR	ONLINE	10.05.2020	SVR ENG COLL
31	ADVANCED EMBEDDED SYSTEMS DESIGN FOR EMERGING TECHNOLOGY	WEBINAR	ONLINE	22.05.2020	SJBIT
32	IEEE SOCIETY CHAPTER WEBINAR SERIES	WEBINAR	ONLINE	12TH MAY TO 15TH MAY 2020	IEEE

33	APPLICATION DEVELOPMENT USING MATLAB	WEBINAR	ONLINE	20TH APRIL 2020	COREAL TECHNOLOGIES
34	TIPS TO BECOME SUCCESSFUL ENTREPRENEUR	WEBINAR	ONLINE	08.05.2020	YOUNG PROFESSIONALS , BANGALORE SECTION
35	XLINX SDX FLOW & MACHINE LEARNING	WEBINAR	ONLINE	21.04.2020	COREAL TECHNOLOGIES
36	MEASUREMENT TECHNOLOGY INDUSTRIAL SENSORS	WEBINAR	ONLINE	24.05.2020	SJBIT
37	SATELLITE AND AUTOMATION	WEBINAR	ONLINE	11TH TO 13TH MAY 2020	GSSS
38	ARTIFICIAL INTELLIGENCE PROGRAMMING USING MATLAB	WEBINAR	ONLINE	09.04.2020	COREAL TECHNOLOGIES
39	ADVANCE IN MICROWAVE TECHNOLOGY	WEBINAR	ONLINE	02.06.2020	SAMBHRAM INSTITUTE OF TECHNOLOGY
40	FIRING THE NEXT DECADE OF GROWTH:INNOVATION	WEBINAR	ONLINE	19.05.2020	SVCE

	G DURING COLLEGE DAYS				
41	READINESS FOR NAAC PEER TEAM VISIT	WEBINAR	ONLINE	05.06.2020	SVCE