Date: 02/08/2023

Faculty Profile

Name:	Dr. M G Srinivasa	
Current Designation:	Associate Professor	
Date of Current Designation	1/11/2020	
Department	Electronics & Communication Engineering	
University Faculty Reg. No	4MNEC0001758	

Qualification:

Degree	Year	College and University
Ph.D	2020	Visvesvaraya Technological University, Belgaum
M.Tech	2011	SJCE, Mysore
B.E	1999	BMSCE, Bangalore

Date of joining to the Institute: 1/8/2016

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Lecturer	6/9/2007	23/11/2011	Dept of ECE
Assistant Professor	23/11/2011	22/10/2020	Dept of ECE
Associate Professor	1/11/2020	Till date	Dept of ECE

Details of Publication:

No. of papers published in National Conference:	01
No. of papers published in Inter-national Conference:	04
Number of International Journal:	09

Description of the paper and Reference
1. M G Srinivasa , P S Pandian ,"Wearable Wireless Body Area Nodes for Remote Physiological Signal Monitoring System" , J. Biomedical Science and Engineering, 2019, Vol. 12, (No. 2), pp: 151-182
2. M G Srinivasa, P S Pandian ,"Elimination of Power Line Interference in ECG Signal Using Adaptive Filter, Notch Filter and Discrete Wavelet Transform Techniques" , International Journal of Biomedical and Clinical Engineering Volume 8 • Issue 1 • January-June 2019
3. M G Srinivasa , P S Pandian ," Application of Entropy Techniques in Analyzing Heart Rate Variability using ECG Signals" , International Journal on Recent Trends in Computing and Communication", volume 7 , Issue 1 , pp=9-16 , ISSN : 2321-8169
4. M G Srinivasa , P S Pandian, "Performance Analysis of Machine Learning Classifiers in Estimating the Driver's Fatigue using Physiological Signals" International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 7, Issue 12, December 2019, ISSN (Online) 2321-2004

5.	M G Srinivasa, P S Pandian , "Cuff-Less Non-Invasive Blood Pressure Measurement Using Various Machine Learning Regression Techniques and Analysis", International Journal of Biomedical and Clinical Engineering , Volume 11, Issue 1, DOI: 10.4018/IJBCE.290387
6.	Vinutha Srikanth, M G Srinivasa, Santhosh Desai ,"Quantitative Detection of Ammonia Gas Via V2O5 Metal-Oxide Based Sensor Combining with Regression Model", Acta Scientific Computer Sciences , Volume 5, Issue 3, 2023
7.	Shruthi A B , M G Srinivasa, Sheshagiri Jois, "Fusion based Fingerprint Recognition based on CLBP descriptor and DWT ", IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 5, Issue 3, Ver. I (May - Jun. 2015), PP 45-49 e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197
8.	Dhanushree V , M G Srinivasa, " Image De-noising using Median Filter and DWT Adaptive Wavelet Threshold" , IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 5, Issue 3, Ver. I (May - Jun. 2015), PP 50-57 e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197
9.	Aishwarya R , M G Srinivasa, Sheshagiri Jois ,"Personal credentials verification using signature and iris Recognition" , International Research Journal of Engineering and Technology (IRJET), Volume: 02 Issue: 03	June-2015 , e-ISSN: 2395 -0056, p-ISSN: 2395-0072

No of National Workshops attended: 6

Workshop Title	Venue	Date
An Overview of Teaching Techniques in Basics of Electronics and Communication Engineering	VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101. (Online)	$13^{th} – 17^{th}$ December 2021
Faculty Development Program on Machine Learning with Python	E & ICT Academy, IIT Kanpur (online)	$20^{th} – 30^{th}$ September 2021
Analog and Digital IC Design : Semiconductor Industry approach	Atria Institute of Technology & Entuple Technologies Bangalore (online)	$26^{th} – 30^{th}$ September 2022
Two week ISTE workshop on Control Systems	Indian Institute of Technology Kharagpur under the National Mission on education through ICT (MHRD)	2nd -12th December 2014
Two week ISTE workshop on Analog Electronics	Indian Institute of Technology Kharagpur under MHRD in association with SJCE Mysore	4th to 14th June 2013
Two day ISTE workshop on Aakash for Education	Indian Institute of Technology Bombay under MHRD Program in association with MIT Mysore	10th & 11th November 2012

Responsibilities taken in college level:

Event	Positions	Year
SC/ST/BCM Committee	Chairman	2016-17
Grievance Redressal Committee	Chairman	2020-21
Marketing Committee	Member	2020-21
VTU Exam Coordinator	Internal DCS	2016-17

Responsibilities taken in Department level:

Committee	Positions	Duration	
Department Head	HOD	2016	Till date
Industry MOU Committee	Member	2019	Till date
Purchase Committee	Member	2016	Till date

No of student projects carried out as a guide (UG):

Project Name & Descriptions	Year
IOT based Health Monitoring and tracking System for Soldiers	2019-20
Human Detection and Activity Tracking System using Video Processing Techniques	2019-20
Skin cancer Detection using Matlab	2020-21
Automated Railway Crossing	2020-21
Smart Battery Management System using Blue Tooth	2021-22
Automatic Detection of Glaucoma Using Fundus Image	2021-22
Smart Attendance and Food Token Dispensing System using RFID	2022-23

No of subjects taken for UG students:

Subject Title	Year	Semester and branch	No. of students attended	No. of students passed	Pass percentage
Basic Electronics	2016-17	2nd sem	42	41	97.6%
Analog Electronics	2017-18	3rd sem	44	35	80%
Analog Electronics Laboratory	2017-18	3rd sem	44	44	100%
Signals & Systems	2017-18	4th sem	44	36	81.8%
AC + LIC Laboratory	2017-18	4th sem	44	43	97.7%
Digital Signal Processing	2018-19	5th sem	44	41	93.18%
DSP Laboratory	2018-19	5th sem	44	44	100%
Digital Signal Processing Algorithms & Architecture	2019-20	7th sem	44	42	95.45%
Basic Electronics	2017-18	1st sem	35	32	91.4%
Analog Electronics	2018-19	3rd sem	40	35	87.5%
Signals & Systems	2018-19	4th sem	39	31	80.00%
Digital Signal Processing	2019-20	5th sem	34	29	85.2%

Subject Title	Year	Semester and branch	No. of students attended	No. of students passed	Pass percentage
Microwaves & Antenna	2020-21	7th sem	34	33	97.05%
Digital Signal Processing Algorithms & Architecture	2020-21	7th sem	34	34	100%
Engineering Statistics & Linear algebra	2019-20	4th sem	39	39	100%
Signals & Systems	2019-20	4th sem	39	39	100%
Digital Signal Processing	2020-21	5th sem	39	31	80.0%
Engineering Statistics & Linear algebra	2020-21	4th sem	30	30	100%
Signals & Systems	2020-21	4th sem	30	30	100%
Digital Signal Processing	2021-22	5th sem	30	29	96.6%
Electronic Devices	2021-22	3rd sem	40	34	85%
Signals & Systems	2021-22	4th sem	38	32	84.2%
Digital Signal Processing	2022-23	5th sem	38	33	86.8%
Basic Signal Processing	2022-23	3rd sem	58	46	79.31%

Personal Details: Dr. M G Srinivasa

Permanent Address:	No. 2225 Sri Hari Krupa 4th Cross Basaveshwara Road K R Mohalla, Mysore -570004
Date of Birth : 9/8/1974 Father's Name : M V Gururaja Rao Mother's Name : Late M G Shamala Nationality : Indian	Blood group: A^{+ve}