


FACULTY INFORMATION

PERSONAL INFORMATION

Name	Dr. Hariprasad S A	
Designation	Director - Faculty of Engineering and Technology	
Official Email ID	sa.hariprasad@jainuniversity.ac.in	
Academic Experience	29 years	
Industry Experience	NIL	
Core Discipline	Electronics and communication	
Specialization	Embedded Systems	
Research Interest	Embedded, RF and Microwave Systems	

PROFESSIONAL QUALIFICATION

Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
D.Sc. (Electronics)	2015	Ranichanamma University
D.Sc. (Electronics)	2013	Tumkur University
Ph.D. (Electronics and Communication)	2011	Avinashlingam University for women
ME (Electronics and Communication)	2000	Bangalore University
BE (Electronics and Communication)	1991	Mysore University

MEMBERSHIP OF PROFESSIONAL BODIES

Professional Society	From Year	Nature of Membership
IETE	2005	-
IEEE	2012	-
MISTE	2001	-

SUMMARY OF RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS

Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
International Journal Of Scientific & Technology	Research Vol 9, Issue 4, April 2020, ISSN:2277- 8616	Scalable polynomial backoff algorithm for IEEE 802.11s networks.
International Journal of Recent Technology and Engineering (IJRTE)	SSN:2277 - 3878, Vol 8, Issue 2S7, July 2019, pp 386 - 390	A metamaterial inspired, slotted multiband patch antenna with reconfigurability.
International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN:2278 - 3075, Vol 8 Issue 3, January 2019	Shortest - path routing in wireless mesh networks under time varying link - cost metric.
Journals of Advanced Research in Dynamical and Control Systems (JARDCS)	December 2018, Issue 12, PP No. 256 - 272	Path following of unmanned ship navigation by model predictive controller.
International Journal of Engineering & Technology	7 (3.12), 2018, 108 - 111	A compact multi - band rectangular slot microstrip antenna for wi - max, WLAN and X - Band applications.
International journal of Applied Engineering Research	pp 3318 - 3328, 2017	Cost effective high reliability routing in multi - channel cognitive radio networks.
International Journal of Electrical and Computer Engineering	pp 3306 - 3312, 2017	Real time fatigue analysis of driver through iris recognition.
International Journal of Soft Computing	227 - 232, ISSN:1816 - 9503, Copyright Medwell Journals, 2016	Direct and indirect approach based reputation scheme framework for detecting blackhole attacks in manets.
International Journal of Electronics & Communication Technology IJECT	Vol 5, Issue 3, July – September 2014, ISSN:2230 - 7109, Online ISSN:2230 - 9543	Design and performance analysis of electromagnetic band gap square microstrip patch antenna.
International Journal of Engineering Science Invention	ISSN:2319 – 6734, Print ISSN:2319 – 6726 June 2014	Bandwidth enhancement of circular microstrip patch antenna using different feeding techniques.

SUMMARY OF CONFERENCES PARTICIPATED

INTERNATIONAL CONFERENCES

Name of the Conference	Organizer, Place	Year
5 th International conference on Communication and Computer Engineering	Malacca, Malaysia	17 th - 19 th July 2018
10 th International Conference on Bioinformatics and Biomedical Technology	-	2018
Springer International Conference on Computer Networks and Inventive Communication Technologies	-	2018
Proceedings of the International Conference on Inventive Computing and Informatics (ICICI)	-	2017
IEEE International Conference on Recent Trends in Electronics Information Communication Technology	-	20 th - 21 st May 2016

International Conference on Advances in Recent Technologies in Electrical and Electronics (ARTEE)	-	2016
International Conference on Emerging Research in Electronics, Computer Science and Technology	-	2015
Annual International Conference on Emerging Research Areas - Magnetism, Machines and Drivers, AICERA / ICMMMD	-	2014
5 th International conference on signal and image processing, ICSIP	-	2014

NATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
National Conference on Embedded Systems and Signal Processing	Jain University, Bangalore	January 23 rd - 24 th , 2014
7 th IETE conference on RF & Wireless (ICon RFW)	HKBK College of Engineering, Bengaluru	8 th -10 th May 2014
National Conference on Embedded Systems & Signal Processing (NSEP)	-	January 23 rd & 24 th 2014
National Conference on Advanced Communications, VLSI Design & Signal Processing	K S School of Engineering and Management, Bengaluru	17 th April 2013
National Conference on Convergent Innovative Technologies (CITAM)	-	2 nd - 3 rd December 2011

AWARDS / HONORS / ACHIEVEMENTS		
Nature	Year	Awarding Institution
Chief Guest - Jvit for Engineers Day	19 th September 2019	Jvit
Chief Guest - Donbosco Engineering College for Awarding Meritorious student	9 th May 2019	Donbosco Engineering College
Chief Guest - Science Forum	15 th Spetember 2017	Jain Vidyaneekathan PU College
Chief Guest National Conference and Recent Trends in Electronics and Communication NCREC	2016	Sri Krishna Institution of College, Bangalore
Resource Person for Computer Organization in EDUSAT	-	VTU
ISTE - RVCE Chapter Award for the Award of Doctorate Degree	-	RVCE
Best Teacher Award (Twice)	-	RVCE

BOOKS PUBLISHED / MONOGRAMS		
Name	Year	Description
Advanced Microprocessor	2005	-

PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT		
Designation	From - To	Institution / Organization
Pro - Vice - Chancellor and Academic Mentor	July 2015 - June 2016	Dayananda Sagar Institutions
Vice - Principal, Professor & HOD (E & C)	August 2013 - September 2015	BMSIT
Professor & Dean	October 2008 - August 2013	R V C E - E & C & RVCCT
Assistant Professor	October 2007 - October 2008	R V C E - E & C Department
Senior Lecturer	October 2005 - October 2007	R V C E - E & C Department
Lecturer	October 2000 - October 2005	R V C E - E & C Department
Lecturer	March 2000 - October 2000	VIT - E & C Dept
Lecturer	September 1995 - March 2000	S V K P - E & C Dept
Lecturer - Freelancer	January 1991 - September 1995	Technical Educational center

POSITIONS HELD IN THE PRESENT ORGANIZATION		
Designation	From - To	Institution / Organization
Director- Faculty of Engineering and Technology	1 st June 2016 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology

RESEARCH GUIDANCE		
Total No. of Students Guided	Ph.D.	M.Phil
8	8	NIL

RESEARCH PROJECTS		
Name of the Project	Type of the Project (Sponsored / Consultancy / Government Funded)	Status of the Project (Ongoing / Completed)
Rudder Controller for Autonomous Ship	Ministry of Defence, Naval Research Board	Completed
DSP Co-Processor Development Using FPGA	Ministry of Defence, Naval Research Board	Completed
DGPS	Ministry of Defence, Armament Research Board	Completed
Predictive Controller for Ship Navigation	Ministry of Defence, Naval Research Board	Completed
Multi Layered Thin Film Sensors for Gas Turbine Engine Health Monitoring	Extramural Research and Intellectual Property	Completed