


FACULTY INFORMATION

PERSONAL INFORMATION	
Name	Dr. Manjunatha K N
Designation	Assistant Professor
Official Email ID	kn.manjunatha@jainuniversity.ac.in
Academic Experience	9 years
Industry Experience	0.5 years
Core Discipline	Instrumentation Technology
Specialization	VLSI and Embedded Systems
Research Interest	Low Power LTE networks



PROFESSIONAL QUALIFICATION		
Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D.	2020	Jain (Deemed-to-be University)
M.Tech.	2011	Sri Siddhartha University
BE	2009	V T U

MEMBERSHIP OF PROFESSIONAL BODIES		
Professional Society	From Year	Nature of Membership
International Association of Engineers (IAENG)	2019	Lifetime Membership
Optical Society of India (OSI)	2018	Annual Membership

SUMMARY OF RESEARCH PUBLICATIONS		
INTERNATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
International Journal of Telecommunications & Emerging Technologies	December 2019, Vol 5, Issue 2	A study on mapping of Harohalli Lake using IRNSS receiver.
Journal of Instrumentation Technology and Innovations	September 2019, Vol 9, Issue 2	Mapping of Arkavathi Reservoir using IRNSS receiver.
International Journal of Engineering & Technology	2018, Vol 7, Issue 3	Energy efficient VLSI architecture for variable iterative 4G LTE turbo decoder.
International Journal of Applied Engineering Research	2017, Vol 12, Issue 21	Design and FPGA implementation of power efficient turbo decoder for 4G LTE standards.
International Journal of Advanced Networking & Applications	2016	A novel approach to design a smart bin using through IoT.
International Journal of Engineering Research and Applications (IJERA)	2012, Vol 2, Issue 4	Design and ASIC implementation of a 3 GPP LTE - advance turbo encoder and turbo decoder.
International Journal of Scientific & Engineering Research	2011, Vol 2, Issue 7	Design and performance analysis of a 3 GPP LTE / LTE - advance turbo decoder using software reference models.

SUMMARY OF CONFERENCES PARTICIPATED		
INTERNATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
International Conference on Computational Intelligence and Informatics	-	2017
International Conference on Communication and Signal Processing (ICCSP)	APEC, Chennai	2016
International Conference on Communication and Signal Processing (ICCSP)	APEC, Chennai	2016
International Conference on Electronics and Communication Systems (ICECS)	Karpagam College of Engineering, Coimbatore	2014
International Conference On Communications, Networking and Signal Processing (ICCNASP)	VIT University, Vellore	2013

NATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
National Conference on Recent Advances in Communication, Electronics and Electrical Engineering (RACEE)	Jain (Deemed-to-be University)	2017
National Conference on Recent Advances in Communication, Electronics and Electrical Engineering (RACEE)	Jain (Deemed-to-be University)	2016

BOOKS PUBLISHED / MONOGRAMS		
Name	Year	Description
Arrythmia Detection Using Machine Learning Techniques	2019	Lambert Academic Publisher

POSITIONS HELD IN THE PRESENT ORGANIZATION

Designation	From - To	Institution / Organization
Assistant Professor	January 2012- Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology

RESEARCH PROJECTS		
Name of the Project	Type of the Project (Sponsored / Consultancy / Government Funded)	Status of the Project (Ongoing / Completed)
Multipurpose Smart Bin using IoT - A New Destination for Clean India	Government Funded	Completed