


**FACULTY INFORMATION**

**PERSONAL INFORMATION**

<b>Name</b>	Prof. Hamsa S	
<b>Designation</b>	Assistant Professor	
<b>Official Email ID</b>	<a href="mailto:s.hamsa@jainuniversity.ac.in">s.hamsa@jainuniversity.ac.in</a>	
<b>Academic Experience</b>	10.5 years	
<b>Industry Experience</b>	NIL	
<b>Core Discipline</b>	Electronics and Communication Engineering	
<b>Specialization</b>	VLSI Design and Embedded Systems	
<b>Research Interest</b>	Embedded Systems, VLSI	

**PROFESSIONAL QUALIFICATION**

Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
M.Tech.	2011	V T U
BE	2007	V T U

**SUMMARY OF RESEARCH PUBLICATIONS**

**INTERNATIONAL JOURNALS**

Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
S N Applied Science, Spriger	July 2019, Vol 1, Issue 8, Article 826, pp 1 - 7	Low power device design application by magnetic tunnel junctions in magnetoresistive random access memory.
International Journal of Recent Technology and Engineering	July 2019, Vol 8, Issue 2, pp 2253 - 2257	Design of non - volatile phase change memory for FPGA architecture.
International Journal of Engineering and Advanced Technology	June 2019, Vol 8, Issue 5, pp 979 - 982	Magnetic tunnel junctions design in magnetoresistive random access memory (MRAM) for FPGA architecture.
Journal of Advance Research in Dynamical and Control Systems	July 2018, Vol 10, Special Issue 4, pp 1252 - 1258	A study of semiconductor memory technology by comparing volatile and non-volatile memories.
International Journal of Control Theory and Applications	August 2017, Vol 10, No. 39, pp 77 - 82	Design of non - volatile SRAM memory using CMOS.

**SUMMARY OF CONFERENCES PARTICIPATED**

**INTERNATIONAL CONFERENCES**

Name of the Conference	Organizer, Place	Year
International Conference on Frontiers in Materials from Basic Science to Real - Time Applications (F2DM)	Jain (Deemed-to-be University)	2019
Global Conference on Smart Inovations in Engineering Systems and Technology (SIEST)	RLJIT, Bangalore	2018
International Conference on Research Trends in Engineering, Applied Science and Management (ICRTE SM)	IETE, Bangalore	2017
International Conference on Nanoscience and Nanotechnology for Energy Applications - Evaluating the Performance of Magnetic Tunnel Junctions for Ultra - Low Power Applications	Sathyabama University, Tamilnadu, India	2016

**NATIONAL CONFERENCES/FDP/Workshops attended**

Name of the Conference	Organizer, Place	Year
5 Days Webinar program on Lab View	Lab View Academy, SJBIT	2020
7 Days Online FDP on Opportunities and Challenges in Electronics and allied industries in INDIA Post Covid-19	Vivekananda Education Society's Institute of Technology, Mumbai	2020
7 Days Faculty Development on Machine Learning and Appliations	Sagar Institute of Research and Technology, Bhopal	2020
5 Days FDP on Next Generation Intelligence	St.Peter Institute of Higher Education and Research, Chennai	2020
7 Days National Level FDP on ICT Tools in Eduation Using Moodle	Pace Institute of Technology and Sciences, Ongole	2020
7 Days FDP on Insights into Quality Research and Innovation	Vivekananda College of Engineering for Women, Chennai	2020
3 Days National Level FDP on Tools for Online Classroom Post Covid-19	P B Siddhartha College and Computer Science of India, Vijayawada Chapter	2020

**PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT**

Designation	From - To	Institution / Organization
Lecturer	July 2011 - January 2012	Sai Vidya Institute of Technology, Bangalore
Lecturer - Contract Basis	January 2011 - June 2011	Sha - Shib College of Engineering, Chikkaballapur
Lecturer - Contract Basis	August 2010 - December 2010	JSS Academy of Technical Education

Lecturer	August 2007 - July 2008	Rajiv Gandhi Institute of Technology
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<b>POSITIONS HELD IN THE PRESENT ORGANIZATION</b>		
<b>Designation</b>	<b>From - To</b>	<b>Institution / Organization</b>
Assistant Professor - 3	November 2019 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology
Assistant Professor - 2	September 2017 - September 2019	Jain (Deemed-to-be University), Faculty of Engineering and Technology
Assistant Professor - 1	March 2012 - August 2017	Jain (Deemed-to-be University), Faculty of Engineering and Technology