


**FACULTY INFORMATION**  
**PERSONAL INFORMATION**

<b>Name</b>	Dr. P Pradeepa	
<b>Designation</b>	Associate Professor	
<b>Official Email ID</b>	<a href="mailto:p.pradeepa@jainuniversity.ac.in">p.pradeepa@jainuniversity.ac.in</a>	
<b>Academic Experience</b>	16 years	
<b>Industry Experience</b>	NIL	
<b>Core Discipline</b>	Electrical and Electronics Engineering	
<b>Specialization</b>	Information and Communication Engineering	
<b>Research Interest</b>	Image Processing applications to Bio Medical, Remote Sensing	

**PROFESSIONAL QUALIFICATION**

Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D. (Information and Communication Engineering)	2017	P S G College of Technology, Coimbatore
ME (Applied Electronics)	2004	Goverment College of Engineering, Salem
BE (Electrical and Electronics Engineering)	2001	Goverment College of Technology, Coimbatore

**MEMBERSHIP OF PROFESSIONAL BODIES**

Professional Society	From Year	Nature of Membership
IAENG	2015	Lifetime Membership
IET	2013	Lifetime Membership
IEEE	2010	Senior Member- Sensor Council Secretary
ISTE	2009	Lifetime Membership

**SUMMARY OF RESEARCH PUBLICATIONS**

**INTERNATIONAL JOURNALS**

Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
Advanced Science Letters	May 2020, Vol 26, No. 5, Page No. 436 - 444	Fusion of MRI and spect using guided image filter with image statistics.
International Journal of Engineering and Technology (UAE)	2018, Vol 7 (4.5), Page No. 65 - 68	IoT based smart passenger surveillance system for airport.
Journal of Medical Imaging and Health Informatics	2016, Vol 223, No. 16, pp 514 - 514	Retinal fundus image registration via blood vessel extraction using binary particle swarm optimization.
Journal of Computer Science	2015, Vol 11, No. 1, pp 89 - 95	Multimodal retinal image registration using ransac matching and gradient ICP algorithm.
International Journal for Scientific Research & Development	2015, Vol 3, Issue 2	Simulation of a wind turbine generator coupled with a battery - super capacitor energy storage system.
International Journal for Research in Applied Science & Engineering Technology	January 2015, Vol 3, Issue 1	Wind energy power system simulation for a remote area power supply.
International Journal for Innovative Research and Development	May 2014, Vol 3 Issue 5	A novel energy management of smart home with multi knapsack load monitoring analysis.
American Journal of Applied Sciences	2013, Vol 10, No.11, pp 1386 - 1391	A hybrid retinal image registration using mutual information.
International Journal of Emerging Trends in Electrical and Electronics	2013, Vol 5, Issue 2, pp 07 - 10	A multi resolution method of image registration using mutual information.
International Journal of Research in Engineering & Advanced Technology	2013, Vol 1, Issue 3, pp 07 - 10	A multimodal image registration using mutual information.

**SUMMARY OF CONFERENCES PARTICIPATED**

**INTERNATIONAL CONFERENCES**

Name of the Conference	Organizer, Place	Year
International Conference on Information, Communication, Engineering	EGS Pillay Institute of Engineering & Technology	2011
International Conference on Computer, Communications & Informatic	Sri Sakthi Institute of Engineering & Technology	2010

**NATIONAL CONFERENCES**

Name of the Conference	Organizer, Place	Year
National Conference on Automation, Control and Communication	Jain (Deemed-to-be University)	2019
Recent Advancements in Communication, Electronics and Electrical Engineering	Jain (Deemed-to-be University)	2018

**AWARDS / HONORS / ACHIEVEMENTS**

Nature	Year	Awarding Institution
Women Researcher Award	2019	VDGOOD Technology Factory in the International Scientist Awards
Global Teacher Award	2019	AKS, New Delhi
Young Women Educator & Scholar Award	2019	6 <sup>th</sup> National Women's Day Awards Powered by National Foundation for Entrepreneurship Development (NFED)
IEEE Sensor Council Secretary	2019	IEEE Bangalore Section - Sensor Council
Senior Member IEEE	2018	IEEE Bangalore Section
CLAD Certification	2010	National Instruments, USA

**BOOKS PUBLISHED / MONOGRAMS**

Name	Year	Description
Women Empowerment, Leadership and Socio - Cultural Dimension	2019	Bonfring Publishers (Non - Technical)

**PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT**

Designation	From - To	Institution / Organization
Associate Professor	June 2013 - September 2017	CSI College of Engineering, Ooty, Tamilnadu
Associate Professor	June 2012 - May 2013	Dr. N G P Institute of Technology, Coimbatore
Assistant professor	June 2010 - May 2011	Dr. N G P Institute of Technology, Coimbatore

Senior Lecturer	November 2009 - May 2010	Park College of Engineering & Technology, Coimbatore
Lecturer	May 2005 - November 2009	Sri Ramakrishna Institute of Technology, Coimbatore
Lecturer	June 2004 - May 2005	CSI College of Engineering, Ooty, Tamilnadu
Temporary Lecturer	November 2003 - June 2004	Coimbatore Institute of Technology, Coimbatore

<b>POSITIONS HELD IN THE PRESENT ORGANIZATION</b>		
<b>Designation</b>	<b>From - To</b>	<b>Institution / Organization</b>
Associate Professor & Head	January 2018 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology
Associate Professor	September 2017 - December 2017	Jain (Deemed-to-be University), Faculty of Engineering and Technology

<b>RESEARCH GUIDANCE</b>		
<b>Total No. of Students Guided</b>	<b>Ph.D.</b>	<b>M.Phil</b>
2	2	NIL

<b>RESEARCH PROJECTS</b>		
<b>Name of the Project</b>	<b>Type of the Project (Sponsored / Consultancy / Government Funded)</b>	<b>Status of the Project (Ongoing / Completed)</b>
CAL 03 - Evaluation of L & S Band SAR Data for Soil Moisture Applications - NISAR	Funded by ISRO	Ongoing
Android App for Navigation of Visually Impaired	Funded by Government of Tamilnadu	Completed
IEEE Standard in the PG Project on Energy Management and Auditing	Funded by IEEE, USA	Completed
Track Manager for Differently Abled	TNSCST Under Student Project Scheme	Completed