


FACULTY INFORMATION

PERSONAL INFORMATION

Name	Dr. N Kamala	
Designation	Associate Professor	
Official Email ID	kamalajai216@gmail.com	
Academic Experience	24 years	
Industry Experience	NIL	
Core Discipline	Electrical Engineering	
Specialization	Artificial Intelligence, Control System	
Research Interest	AI, Machine learning, Robotics and Automation	

PROFESSIONAL QUALIFICATION

Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D. (Control System)	2012	Anna University
ME (Power System)	1991	Annamalai University
BE (EEE)	1988	Annamalai University

MEMBERSHIP OF PROFESSIONAL BODIES

Professional Society	From Year	Nature of Membership
ISTE (LM17013)	1993	Lifetime Member

SUMMARY OF RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS

Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
International Journal of Research in Advent Technology	Vol 6, Issue 8, August 2018, ISSN:2321 - 9637	Virtual telepresence and gesture controlled robot.
Journal of Innovative Research and Solutions	2014	Studies on modeling and direct torque control of induction motor using soft computing technique.
Journal of Advances in Information Technology	Vol 3, No. 1, 48 - 56, Feb 2012	Fuzzy gain scheduled multivariable control using PSO – PID.
Advanced Materials Research, MEMS, Nano and Smart Systems	Vol 403 - 408, pp 3892 - 3899, 2012	Fuzzy gain scheduled multivariable control of nonlinear system using PSO based PID.
Advanced Materials Research	ISSN:1662 - 8985, Vol 403 - 408, pp 4821 - 4827, 2012	Design of gain scheduled multivariable controllers for a nonlinear process.
International Journal of Recent Trends in Engineering and Technology	ACEEE, USA, Vol 4, Nov 2010, pp 106 - 110	Multivariable control of nonlinear process.

SUMMARY OF CONFERENCES PARTICIPATED

INTERNATIONAL CONFERENCES

Name of the Conference	Organizer, Place	Year
2 nd World Summit on Advances in Science, Engineering and Technology	Indiana University - Purdue University, Indianapolis, USA	2019
International Conference on Innovative Research	St Peters University	2014
International conference on Control, Robotics and Cybernetics	New Delhi	2011
International Conference on Control, Robotics and Cybernetics	New Delhi	2011
International Conference on Trends in Industrial Measurements and Automation	Chennai	2011
International Conference on System Dynamics and Control Manipal Institute of Technology	Manipal	2010
International Conference on System Dynamics and Control Manipal Institute of Technology	Manipal	2010
International Conference on Trends in Industrial Measurements and Automation	Chennai	2009
National Conference on Multivariable Control System	Chennai	2004
National Conference Concourse	Chennai	2003

NATIONAL CONFERENCES

Name of the Conference	Organizer, Place	Year
Jnana Chilume, National Conference on Automation, Control and Communication	Jain (Deemed-to-be University)	2019
Jnana Chilume, National Conference on Automation, Control and Communication	Jain (Deemed-to-be University)	2019
Jnana Chilume, National Conference on Automation, Control and Communication	Jain (Deemed-to-be University)	2019

AWARDS / HONORS / ACHIEVEMENTS

Nature	Year	Awarding Institution
--------	------	----------------------

International Lifetime Achievement Award	2019	American Council for Research and Development
Outstanding Researcher	2018	Rula International Award

PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT		
Designation	From - To	Institution / Organization
Professor	2015 - 2017	Loyola ICAM College of Engineering and Technology, Chennai
Professor	2012 - 2013	Vels University, Chennai
Assistant Professor	2006 - 2009	Dr. M.G.R. University, Chennai
Assistant Professor	2005 - 2005	MNM Jain Engineering College, Chennai
Assistant Professor	1992 - 2005	Bharath Institute of Science & Technology, Chennai
Instructor	1988 - 1989	Elumalai Polytechnic, Villupuram

POSITIONS HELD IN THE PRESENT ORGANIZATION		
Designation	From - To	Institution / Organization
Associate Professor	2017 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology

RESEARCH GUIDANCE		
Total No. of Students Guided	Ph.D.	M.Phil
3	3	NIL

RESEARCH PROJECTS		
Name of the Project	Type of the Project (Sponsored / Consultancy / Government Funded)	Status of the Project (Ongoing / Completed)
AI based Modeling and Control of Self Balancing Robot	Institution funded	Ongoing