

Profile of Dr Sudarshan Patilkulkarni

1. Designation : Professor (Since Oct 2014)
Department of Electronics & Communication,
JSS Science and Technology University, Mysuru

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Address : *(Office)*

Dr. Sudarshan Patilkulkarni
Professor
Department of Electronics & Communication
Sri Jayachamarajendra College of Engineering,
([JSS Science and Technology University](#))
Mysuru – 570 006.
KARNATAKA STATE, INDIA.

2. Education:

Ph.D. (Electrical Engineering) 01/2001 ~ 08/2004 Old Dominion University, Virginia, USA

M.E. (Electrical Engineering) 09/1998 ~ 12/2000 Old Dominion University, Virginia, USA

B.E. (Electronics & Communication) 09/1992 ~ 07/1996 Karnataka University, INDIA

3. Academic Experience: Professor (Oct 2014 – till date) – JSS Science and Technology University
Associate Professor (2007-2014) – Sri Jayachamarajendra College of Engineering

Post Doc Fellow (2005-2007) – Indian Institute of Technology Bombay
Graduate Research Assistant, ODU Research Foundation, Norfolk, VA,
USA– (2000-2004)

4. Academic Awards:

2000, Old Dominion University Fellowship from College of Engineering.

5. Professional Membership: IEEE Senior Member, Vice Chair IEEE Mysore Subsection

6. Research Areas of Interest:

Theory domains: Linear Nonlinear Systems, Signal / Image Processing, Wavelets, Hybrid Control systems, Neural Networks and Deep Learning

Application domains: Robotics, Automotive Control, Space Engineering, Power systems

Title of Ph D Thesis: Stability of Jump Linear Systems Driven by Finite State Machines with Markovian Inputs, Old Dominion University, Virginia, USA, 2004

Number of Ph. D. awarded under Guide-ship: 7 candidates (University Of Mysore 6, Visvesvaraya Technology University 1)

Journal Publications: SCOPUS/IEEE indexed: 20, Conference Publications: 35

Google Scholar Citations: 350+, h-index 9

(<https://scholar.google.co.in/citations?user=RhnnvwEAAAJ&hl=en>)

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