

Name of Teaching Staff : Prof. Sunil H. Karamchandani



Designation : Associate Professor

Department : Electronics & Telecommunication Engineering

Date of Joining the Institution : 1.8.2012

Qualifications with Class / Grade : 1. PhD, Dept. of Electrical Engg., IIT, Bombay, 2012
2. M.E. Electronics Engg. from University of Mumbai (Distinction)
3. B.E. Electronics Engg. from University of Mumbai.

Total Experience in Years : Teaching: 23 years

1. Assistant Professor, D. J. Sanghvi College of Engineering from 1.8.2012.
2. Lecturer, Institute of Technology, MSBTE from August 2005 to December 2007.
3. Lecturer, Bombay Institute of Technology, MSBTE from January 1993 to August 2005.
4. Visiting Lecturer, H&G.H.M Institute of Management, MMS. 2007.
5. Visiting Lecturer, K.M.Kundnani College of Pharmacy 2005.
6. Visiting Lecturer, Watumull Institute of Electronics Engineer from 2002 to 2004.

Industry: Consultant Blue Star Info Tech

Research: 4 years

- Research Scholar at Department of Engineering, IIT Bombay.
- Research Associate, 2011-2012, Indian Institute of Technology, Bombay
- Project: India UK Advance Technology Centre (IUATC) Excellence in Next Generation Network Systems and Services
- Teaching Associate, 2008 – 2011 Department of Electrical Engineering, IIT Bombay

Papers Published

: International

A few prominent publications are highlighted

Book Chapters

- S. H. Karamchandani, S.N. Merchant, U. B. Desai, “Multiclass SVM Interpretation of Haemodynamic Parameters for manifestation of Aortic and Arterial Occlusive Diseases”, Advances in Intelligent Systems and Computing, Vol. 195 2013, Soft Computing Applications, Proceedings of the 5th International Workshop Soft Computing Applications (SOFA), Valentina Emilia Balas, János Fodor, Annamária R. Várkonyi-Kóczy, Jozsef Dombi, Lakhmi C. Jain, ISBN: 978-3-642-33940-0 (Print) 978-3-642-33941-7.
- S. H. Karamchandani, S. Merchant, U. Desai, Parallel Support Vector Configuration for Identification of Fast Independent Components in Morphological Patterns derived by cardiovascular Analysis on the Radial Pulse, in Lect. Notes in Computer Science, Neural Information Processing: 19th Int. Conf., ICONIP , Doha, Qatar, Nov. 12-15, Proc., Part II, 2012, pp. 567-574, Springer , Tingwen Huang, Zhigang Zeng, Chuandong Li, Chi Sing Leung, 978-3-642-34481-7.
- Proceedings of the IEEE, 100 (11): 3079-3098 (2012). tuPOY: Epitomizing a New Epoch in Communications with Polymer Textiles,”
- S. H. Karamchandani, K. Gandhi, S. Gosalia, “PCA Encrypted Short Acoustic Data Inculcated in Digital Colour Images” International Journal of Computers, Communications & Control (IJCCC), Romania, ScopusISSN 1841-9836, 10(5):678-685, October, 2015.

Papers Presented in Conferences : National : Over 50 papers are presented in reputed & International: International and National Conferences

PhD Guide ? Give field & University : Field: --
University: --

PhDs / Projects Guided : PhDs : --
Projects at --
Masters level:

Books Published / IPRs / Patents : Monograph tuPOY: Thermally Unstable Partially Oriented Yarns, Silicon of the Future”, Advanced Structured Materials, Springer, 2015.

Professional Memberships : Senior Member IEEE,
ISTE
Associate Editor, IEEE Open Access

Consultancy Activities : --

Awards :

- SAP Award for Excellence on use of ICT in Education for Online and Blended Learning at Faculty Development Programme, IIT Bombay, 2016
- Best Paper Award at International Symposium on Control, Automation and Robotics, GTU, India.

Grants fetched : Microsoft Travel Grant- 2012
DST/CSIR Travel Grants.