

FACULTY PROFILE

Dr. Kevin Prathap Noronha (kevinnoronha@sfitengg.org)

Professor
Dean Academics-UG programme
Department of Electronics & Telecommunication Engineering

❖ Date of Joining the Institute: **12/07/2000**

❖ Education:

1. Ph.D. Engineering

Manipal Institute of Technology, Manipal University, Karnataka, April 2015

Dissertation Title: Automated Identification of Diabetic Eye Diseases using Digital Fundus Images

2. M. Tech. (Digital Electronics and Advanced Communications)

Manipal Institute of Technology, Manipal University, Karnataka 2006

Thesis Title: Feature Extraction and Classification of Normal and Diabetic Retinopathy Images

3. B.E. (Electronics and Communications)

Bapuji Institute of Engineering and Technology, Davangere, Karnataka, 1998

Project: Encryption and decryption of speech signals.

❖ Total Experience in Years: 16.5 Years

- Professor: 6 months
- Associate Professor: 6 years
- Assistant Professor: 10 years

❖ Courses Taught:

- Network and Cyber Security (PG level)
- Next Generation Networks (PG level)
- Computer Communications and Networks(UG Level)
- Data Compression and Encryption(UG Level)

- Information Theory and Coding(UG Level)
- Basic Electrical and Electronics Engineering (UG Level)
- Digital Logic Design (UG Level)
- Analog and Digital Integrated Circuits (UG Level).
- Elements of Microprocessors (UG Level)
- Advanced Microprocessors(UG Level)
- Engineering Materials and Components(UG Level)

❖ Publication & Conferences: 17

Journal : 12

Conference: 5

- Professional Memberships:

- IEEE, IETE, ISTE

- Projects Guided :

- B.E. Projects: **10**
- M.E. Project: **2**

- Academic Duties:

- Coordinator, Department of Electronics & Telecommunication Engineering (2006-11)
- Member, Local Managing Committee
- Chairman, International conference CSCITA-2017
- SPOC, NPTEL local chapter

- Interaction with Professional Institutions :

- University of Mumbai, Moderator and Examiner
- IIT, Presiding / Deputy Presiding Officer for IIT-JEE exams held at SFIT

❖ Grants Fetched

Minor Research Grant (University Of Mumbai 2016-17)

- R&D Activities:

- **Workshop, lecture series & Conferences Conducted:**

- Coordinator - 2 week ISTE approved STTP on “Trends on Optical Networks”, May 21-June 1, 2007

- R&D lecture series
- National Conference on INFOCOM, 2007
- One week ISTE-STTP on ‘Advances in Electrical Network’ 2008
- One day workshop on “Principles of control systems”, July 31,2009, SFIT, Mumbai

- **Continuing Education Programs**
- 2 week STTP, Faculty Development Programme, Sep 15, 2001 – Feb 9, 2002, SFIT, Mumbai
- One week ISTE-STTP on ‘Emerging Trends in Wireless Computer Networking’ organized by RGIT, Mumbai 2006.
- 2 day International Conference, IETE International Conference on Nanotechnology and Health Care Applications, October 12-13, 2007, CETTM, Hiranandani Gardens, Powai
- One week ISTE-STTP on ‘Advances in Electrical Network’ 2008
- One day seminar on MATLAB and Simulink for Engineering Education, 20th Aug, 2010
- International conference on Biomedical Engineering, ICMBE 2011, Department of Biomedical Engg., MIT Manipal
- Two days national seminar on ‘Recent Development in Circuits System and Signal Processing’ February 23-24, 2011
- Three day workshop on “medical Applications of Signal and Image processing, MASIP-2006,Jan 23-25, Department of Biomedical Engg., MIT Manipal
- One week course on “Next Generation Networks” at CETTM powai
- One day symposium on “Disruptive Technologies and Management Challenges” at SNTD woman’s university on March 11, 2016.
- One day workshop on Elsevier connect at Marriot, Mumbai
- One day NPTEL workshop for SPOCs at IIT Bombay

- **Active Research in**
- Automated detection of Diabetic retinopathy
- Automated detection of Glaucoma
- Biometric identification and authentication

❖ **Skill Sets:**

- Application software: Mat lab and Simulink, NS-2
- Computer language: C, C++

15/01/2017
