

FACULTY PROFILE

Ms. Shilpa Chaman (shilpachaman@sfitengg.org)

Assistant Professor
Department of Electronics & Telecommunication Engineering

❖ Date of Joining the Institute: **02/01/2015**

❖ Education:

1. M.E. (Digital Communication)
R.G.P.V, Bhopal, 2009
Thesis Title: Path Loss Measurements and Model Analysis of a WLAN link
2. B.E. (Electronics & Communication)
R.G.P.V, Bhopal, 2001
Project: Microcontroller based Heart beat and Temperature Sensor

❖ Total Experience in Years: **14.5 Years**

Teaching: 14.5 Years

- Assistant Professor*: 9.5 years
* Based on the equivalence of posts for the 4th and 5th Pay scales w.r.t. the 6th Pay scale
- Lecturer: 5 years

❖ Courses Taught:

- Signals & System (UG Level)
- Microprocessors & Peripherals (UG Level)
- Microcontroller & Applications (UG Level)
- Optical Communication(UG Level)
- Digital Logic Design (UG Level)
- Analog Communication(UG Level)
- Principles of Communication (UG Level)

❖ Skill Sets:

- Application software: MATLAB ,Kiel
- Assembly language , Embedded C

❖ Research Advisor in field of

- Electronics and Telecommunication.
- Computer Engineering.
- Information Technology

- ❖ Active Research in
 - Image Processing
 - Embedded Systems

- ❖ Publication & Conferences: 9

a. Conference National : 5 International : 3	b. Journal National : 1
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- ❖ Professional Memberships:
 - IETE, Fellow

- ❖ Projects Guided :
 - B.E. Projects: 14

- ❖ Academic Duties:
 - Member, Security Committee IRIS
 - Class Coordinator SE, EXTC-A, Department of Electronics & Telecommunication Engineering
 - Member, Attendance Committee.
 - Member, Hospitality Committee IRIS.
 - Active Member in AICTE & NBA Accreditation
 - Faculty Coordinator & Mentor: IPEC, Ghaziabad

- ❖ Interaction with Professional Institutions :
 - Mumbai University as Examiner
 - Uttar Pradesh Technical University as Examiner

- ❖ R&D Activities:
 - **Workshop, lecture series & Conferences Conducted:**
 - Conducted 1 week STTP, “Faculty Development Programme-2016”, July 1, 2015 – July 7, 2016, SFIT, Mumbai.
 - Conducted Demo session on “PSoC”, April 10 , 2015 at SFIT, Borivli.
 - Conducted Workshop on “Robotics and Embedded Systems”, August 21 , 2014 at IPEC, Ghaziabad.
 - Conducted Workshop on “Microcontroller and Embedded Systems”, April 18-20, 2014 at IPEC, Ghaziabad .
 - National Conference on NCECS-2013 at IPEC, Ghaziabad.

- ❖ Continuing Education Programs
 - Two Days ISTE Orientation Program on “Ph.D. Preparatory 2016”, 8-9 January, 2016, SFIT Mumbai.
 - Two-week ISTE Workshop on Engineering Physics, Conducted by IIT Bombay, under the National Mission on Education through ICT (MHRD, Govt. of India), 8th to 18th December, 2015, SFIT Mumbai.
 - 2 days’ workshop on “ARM, ARM Cortex and RTOS” by SPIT, Andheri, Aug’ 7-8, 2015, SFIT, Mumbai.

- 1 week STTP, “Faculty Development Programme-2015”, July 6, 2015 – July 10, 2015, SFIT, Mumbai.
- 1 day workshop on “ PSoC 3/4/5 ” by Cypress, Feb’ 7, 2015, SFIT, Mumbai.
- 1 day workshop on “Embedded Systems” by CETPA Infotech Private Ltd. ,August 30, 2014, IPEC , Ghaziabad .
- 2 days workshop on “E-Yantra Lab Setup Initiative for Robotics and Embedded Systems” , August 4-5, 2014 , MGM, Noida.
- 2 days workshop on “SCILAB” , June 3-4, 2013 , IPEC, Ghaziabad.
- Staff Development Programme on “Understanding Nano electronics “ , June 13-25 , 2011, SIRT, Bhopal.
- 5 days workshop on “Embedded System” , Nov’ 10-14 , 2008, CRISP, Bhopal.
- 5 days workshop on MATLAB at SIRT, Jan’7-11, 2008, Bhopal.

15/01/2017
