Name:

Dr. Shilpa Ramachandra Litake

Designation:

Assistant Professor

Contact Details:

Email id: srl_entc@pvgcoet.ac.in

Phone Number with extension: 020 24228258 / 65 / 79 Extn :

Educational Qualifications:

- PhD,(Electronics and Telecommunication), Savitribai Phule Pune University, Pune, May 2021.
- M.E. (Electronics and Telecommunication), Mumbai University, May 2006.
- B.E.(Electronics and Telecommunication) Savitribai Phule Pune University, Pune, May 2000.

Experience:

- Industrial: 1.4Years
- Teaching: 16 Years

Research Interests:

- Wireless communication
- Computer networks

Number of Publications:

International Journal: 03

National Journal: 01

International Conference: 01

National Conference: 01

Number of Books / Book chapters Published: 01

Number of FDPs / STTPs attended:12

Number of Workshops attended:10

Number of Conferences / Seminars attended:04

Number of Online Certification Courses done:02

Number of Webinar attended:08

Number of times served as a Resource Person:01

Details of Research papers published:

- Litake Shilpa and Mukherji Prachi,"Integration of Fuzzy Logic and ABC Algorithm for Optimized Network Selection in Heterogeneous Wireless Environment," International Journal of Sensors, Wireless Communications and Control, vol. 10, no. 2, 2020, pp. 248-261.
- Litake Shilpa, and Prachi Mukherji, "SFP-based vertical handover with MIH services for integrated Wi-Fi and WIMAX networks," International Journal of Mobile Network Design and Innovation, vol. 9, no. 2, 2019, pp. 85-96.
- Litake Shilpa and Mukherji Prachi,"Modeling seamless vertical handovers in heterogeneous wireless Networks," International Journal on Future Revolution in Computer Science and Communication Engineering, vol. 3, no. 11, November 2017, pp. 524-531.
- Litake Shilpa and Mukherji Prachi,"Enhancement of IEEE 802.11 MAC performance in Heterogeneous Network Environment," International Journal of Engineering Sciences, SCMR, 2013, pp. 37-44.

Details of books / book chapters published:

- Litake shilpa, Dr. Prachi Mukherji, " Fuzzification of Context Parameters for Network Selection in Heterogeneous Wireless Environment ", Lecture Notes on Data Engineering and Communications Technologies, vol 15. Springer, Singapore. https://doi.org/10.1007/978-981-10-8681-6_84. Online ISBN 978-981-10-8681-6 Print ISBN 978-981-10-8680-9

Details of FDPs / STTPs attended in last 5 years:

- FDP on "Interactive Teaching Learning Strategies With Affective & Cognitive Approach (ITLS)" organized by Department of Electronics and Telecommunication Engineering at PVG's COET & GKPIM ,Pune from 21st to 25th June 2021

- One week FDP on "Smart Technology Pillars of 5 G and Beyond" organized by department of E&TC, Sinhagad Institute of Technology and Science.

- Faculty Orientation Workshop on SE (E&TC/Electronics) revised syllabus 2019 course for the subject "Principals of Communication System" organized by department of E&TC engineering Dr. D.Y. Patil Institute of Technology, Pimpari, Pune from (18-20 January 2021).

- 5 days national level FDP on "5G communication" organized by department of E&TC VIIT, Pune from 20 - 24 October 2020.

- 3 days national level FDP on "OUTCOME BASED EDUCATION" organized by Internal Quality Assurance Cell, PVG's College of Engineering and Technology, Pune-09 in association with INPODS India Pvt. ltd form 6th to 8th october 2020

- Two week (equivalent to 3 credit 40 hours course) online faculty development programme on "Advanced Optimization Techniques and hands-on with MATLAB/SCILAB" jointly organized by Electronics and ICT Academies held from 13 – 24 July 2020 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" by the Ministry of Electronics and Information Technology (MeitY), Government of India.

- One week online AICTE sponsored STTP on "Energy Efficient techniques for 5G Wireless Communications" organized by PICT- NI Labview Academy, E&TC engineering during 17th - 22nd August 2020.

- FDP on Scilab organised by Dept of E &TC, PVG's COET, from 18th May to 22nd May 2020

- FDP on Linux by Dept of E &TC, PVG's COET, from 25th May to 29th May 2020

- IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

- Faculty Orientation Workshop on "Computer Networks and Security" BE(E&TC) Revised Syllabus (2015 course)under the Aegis of BOS E&TC, University of Pune. on 9th July'2018 at International Institute of Information Technology , Hinjewadi, Pune 57.

- One day Workshop on Moodle Learning Management System at PVG'sCOET on 15th March 2019

- Workshop on "Research Orientation" at PVG's COET,Pune on 5th August 2017

- Faculty Orientation Workshop on "System Programming & Operating Systems" TE(E&TC) Revised Syllabus (2015 course)under Aegis of BOS E&TC, University of Pune. during 14th Dec. 2017 to 16th Dec. 2017 at by PCCOER, Ravet Pune.

- Workshop on "Hands-on TIVA Processor" on 18th March 2017 at PVG'sCOET, Pune

- Workshop on "WSN Fundamentals and Protocol Design using NS-2&3" at SIT,Lonavala on 23-24Jan'16.

- Workshop on " Routing and Switching Essentials " at PICT,pune on 31st Aug-5th Sept'15.

Major Portfolios Handled: (college level and department level)

- Staff coordinator of Telecommunication Engineering Students Association (TESA)
- College level Cultural coordinator