

Name:

Dr. Mrs. S. R. Litake

Designation:

Assistant Professor

Contact Details:

Email id: srl_entc@pvgcoet.ac.in

Phone Number with extension: 020 24228258 / 65 / 79

**Educational Qualifications:**

Ph. D. (E & TC), Savitribai Phule Pune University, May 2021

· M.E. (E & TC), Mumbai University, May 2006

P.G. Diploma in VLSI Designing, Pune Institute of Advanced Technology,
June 2001

· B.E. (E & TC), University of Pune, Pune, June 2000

Experience:

Industrial: 1.6 years

Teaching: 18 Years

Research Interests:

- Wireless Communication

Field of Consultancy (Aspiring):

Wireless Communication

Number of Publications: 05

International Journal:04

International Conference:01

Number of Books / Book chapters Published: 01

Number of Conferences / Seminars organized: 01

Number of FDPs / STTPs attended: 15

Number of Workshops attended: 10

Number of Conferences / Seminars attended: 03

Number of Webinar attended: 05

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:

- Six days AICTE approved offline Atal FDP on “5G and its Impact on IoT Applications in Agriculture and manufacturing Sectors” organized by Cummins College of Engineering for Women, Karvenagar, Pune-411052 from 27 Nov to 2 Dec 2023
- Attended two-day Cloud Technical Talk Series by Google cloud from 23/11/2023- 24/11/2023.
- Attended two-day Google cloud Best of '23 Talk Series by Google cloud from 26/09/2023 to 27/09/2023
- Participation in IP Awareness/Training program National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on 8th September 2023.
- One-week national level online FDP on” cloud Infrastructure (AWS)” by AICTE, Brain vision and AISSMS, Pune from 21st to 25th Aug 2023
- Attended Mendeley Reference Manager: An Effective Way to Organized Research (210 minutes) on 18th Aug 2023.
- ISTE approved a one-week Short Term Training Program on “Future Trends in 5G & 6G: Challenges, Architecture & Applications” organized by Department of Electronics and Telecommunication Engineering, KJCOEMR, Pune-48 on 16th-20th August 2023.
- Attended a webinar on Artificial Intelligence by PRIEST University, Tanjavur, on 24/08/2023
- Attended workshop on “IEEE Authorship: Tips and Best practices to get published” by IEEE on 26/06/2023.
- Attended Faculty Orientation Workshop on BE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, SKN COE, from 09/05/2022 to 16/07/2022 for the subject Cloud Computing.
- Attended workshop on Cloud Computing Lab sessions organized by dept. of E&TC Engineering PICT, pune from 26/09/2022 to 4/10/2023
- Participation in IP Awareness/Training program National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on 8th September 2023.

- Attended one week FDP “Inculcating Universal Human Values in Technical Education” organized by AICTE from 09/05/2023 to 13/05/2023
- Attended Faculty Orientation Workshop on TE(E&TC) revised syllabus (2019C) under the aegis of Board of Studies (E&TC.), Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering, Maratha Vidya Prasarak Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik from 27/01/2022 to 29/01/2022 for the subject Cellular network.
- Attended AICTE approved one Week AICTE -ATAL FDP on “Machine learning and deep learning using Python” at Pune Institute of Computer Technology from 4/01/2022 to 8/01/2022.
- Attended one week FDP on “Smart Technology Pillars of 5G and Beyond”, organized by Dept. of E&TC, SITS, Narhe from 27/01/2021 to 31/01/2021.
- Attended AICTE approved one Week AICTE -ATAL FDP on “Systems Engineering” at college of engineering, Pune from 4/01/2021 to 8/01/2021.
- Attended National level FDP on “5 G communication” organized by dept of E&TC, VIIT, Pune during 20/10/2020 to 24/10/2020.
- Attended one-week hands on FDP on” Artificial Intelligence using Python ” organized by dept. of E&TC Engineering AISSMS, Pune in association with ISTE Pune section and Brain vision pvt. ltd. from 14/09/2020 to 19/09/2020.
- Attended two-week FDP on “Advanced Optimization Techniques and hands-on with MATLAB/SCILAB” organized by Ministry of Electronics and Information Technology (MeitY), Government of India. From 13/07/2020 -24/07/2020.
- Attended FDP on Scilab organized by Dept of E &TC, PVG's COET, from 18th May to 22nd May 2020
- Attended FDP on Linux by Dept of E &TC, PVG's COET, from 25th May to 29th May 2020
- Attended Webinar on Machine Vision and Its Application by Pantech Solutions & Dept of Electronics and Telecomm, PVG's COET, Pune on 26th May 2020.
- Attended Webinar on IoT and Enabling Technologies by CopperCloudIoTech & Dept of Electronics and Telecomm, PVG's COET, Pune on 26Th May 2020.
- Attended Webinar on Cyber Security organized by PVG's COET in association with Edwise International on 2nd June 2020.
- Attended MATLAB hands-on session on MATLAB: Simulink and Antenna Toolbox organized On 30th January 2019.
- Participated in One day Workshop on Moodle Learning Management System at PVG'sCOET on 15th March 2019
- Attended 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.

Major Portfolios Handled: (college level and department level)

- Head of Department Artificial Intelligence and Data science department for A.Y. 2020-21 and A.Y. 2021-22
- Cultural coordinator
- Co-coordinator for the International conference on Gender Equality and Women Empowerment ICGEWE 2023.
- Higher studies coordinator at E&TC department
- LAB In-charge for Communication lab
- Student Association Coordinator for 7 years

Role in University Bodies....

- Paper Setter for SE
- BOS-FDP Resource Person-SE Analog Communication
- External & Internal Examiner
- Paper Assessment