

Name:

Mr. Nilesh. R. Sonawane

Designation:

Assistant Professor

**Contact Details:**

Email id: nrs_it@pvgcoet.ac.in

Phone Number with extension: 020 24228258 / 65 / 79

Educational Qualifications:

- M.E. (Computer Engineering), Pune University, Pune
- B.E. (Computer Engineering), Pune University, Pune

Experience:

- Teaching: 12 Years 4 month

Research Interests:

- Database Management System
- Data Mining
- Artificial Intelligence

Number of Publications:

International Conference: 04

National Conference: 02

Recognition/ Awards:

- Resource person for the workshop on “Faculty Training and Orientation Program on Virtual Lab” at Sandip Foundation’s Sandip Institute of Technology and Research Centre, Nashik

Number of FDPs / STTPs organized: 03

Number of Workshops organized: 02

Number of FDPs / STTPs attended: 20

Number of Workshops attended: 15

Number of Conferences / Seminars attended: 04

Number of Online Certification Courses done: 08

Number of Webinar attended: 06

Number of times served as a Resource Person: 01

Number of times served as a Reviewer / Judge: 01

Details of Research papers published:

- Paper selected on “Protein Structure Prediction using Genetic Algorithm” in Journal of Biotechnology and Bioinformatics, Volume 1-No.1-2009,ISSN 0974-9438.
- Paper presented on "Radio Frequency Identification System" in National Conference on Advanced Computing and Computer Networks “NCRACN2007”
- Paper presented on “Object and Scene Recognition in an Android based Mobile Application” in International Journal of Advanced Research in Computer and Communication Engineering, Volume 4, Issue 4 April 2015 DOI 10.17148/IJARCCE2015.4443.
- Paper presented on “General Decentralized Clustering Algorithm Implementation” in International Journal of Engineering Science and Computing Journal (IJESC-2016), India, VOL 6, ISSUE 4, April 2016, ISSN: 2321-3361.
- Paper presented on “Synchronization between Mobile Devices and Server: An Optimistic Approach” in International Journal of Innovative Research in Computer and Communication Engineering, ISSN (Print): 2320 -9798.
- Paper presented on “Use of Data Mining Technique for prediction of Crop yield in the face of Climate Change” in 2018 International Conference on ISMAC in Computational Vision and Bio-Engineering (ISMAC - CVB 2018).

- Paper presented on “Visual Integration of social media analysis and traffic analysis” in International Journal of Advanced Research and Innovative Ideas in Education.

Details of FDPs / STTPs / Workshops attended in last 5 years:

- Online Elementary FDP on "Design Thinking and Product Development" from 23/08/2021 to 27/08/2021 at National Institute of Technology Arunachal Pradesh.
- FDP on “Advanced Database Management System and Laboratory Practice- I (ADBMS)” organized by ABMSP’s, Anantrao Pawar College of Engineering & Research, Pune in association with BOS (Information Technology), SPPU, Pune, 29th July 2021.
- One day webinar on “Role of Education in Holistic Development”, PVGCOET & GKPIM, Pune, 29 June 2021.
- Faculty Development Seminar on “The Art of Writing Research Papers & The Hidden Tricks of the Publication Process” organized by Department of
- Computer Engineering, Pimpri Chinchwad College of Engineering, Pune, on 01st February 2021.
- Faculty Orientation Program SE-IT (2019 Course) for the Subject, “Database Management System and DBMS Lab” organized by Dr. D.Y. Patil Prathishthan’s D.Y. PATIL COLLEGE OF ENGINEERING, AKURDI, PUNE in association with BOS (Information Technology), SPPU, Pune, 28th January 2021.
- AICTE Sponsored One Week Online Short-Term Training Program On “Machine Learning: Algorithms and Applications in Data Science” organized by Bansilal Ramnath Agarwal Charitable Trust’s Vishwakarma Institute of Technology, PUNE, 5th – 10th October 2020.
- Three Days National Level Online FDP on, “OUTCOME BASED EDUCATION”, organized by Internal Quality Assurance Cell, PVG's College of Engineering and Technology, Pune-09, 6 October 2020 to 8 October 2020.
- One day webinar on “Robotics with MathWorks “, PVGCOET & GKPIM, Pune in association with MathWorks, 25th June 2020.
- One Week FDP on "Python 3.4.3" organized by PVG's College of Engineering and Technology, Pune in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India, 25th May 2020 to 30th May 2020.

- One Week FDP on JAVA organized by PVG's College of Engineering and Technology, Pune in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India, 18th May 2020 to 22nd May 2020
- A Hands-on Workshop on "Effective and Efficient Online Teaching in the Age of Corona, ' organized by PMMMNMTT and, MHRD, Govt. of India and Teaching Learning Centre (ICT) at IIT Bombay, 16 May 2020
- One day webinar on "Robotic Process Automation' organized by AISSMS College of Engineering, Pune under Centre of Excellence in RPA in association with AUTOMATION ANYWHERE on 14th May 2020.
- One day webinar on "IPR-All you must know about IP with focus on Patent " , Dhole Patil College of Engineering, Pune, 13th May 2020.
- One week FDP on "Python 3.4.3" organized by RMD Sinhgad School of Engineering, Pune in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India, 20 to 25 April, 2020
- One Week FDP on "Moodle Test for Teachers " , organized by Spoken Tutorial, IIT Bombay & Sinhgad College of Engineering, Pune, 4 May- 8 May 2020
- Two days online faculty Development workshop on "Writing and Publishing Quality Research Papers in Scholarly Top Tier Journals", organized by RMD Sinhgad School of Engineering, Warje, Pune
- Workshop on "VIRTUAL LABS: HANDS-ON WORKSHOP" organized by PVG's COET, Virtual Labs Regional Center (Pune) RCID 01 Jointly with AISSMS COE, Nodal Center in Coordination with BoS (E & TC) Savitribai Phule Pune University (SPPU) & Virtual Labs-Indian Institute of Technology Bombay, Mumbai, 18th July 2020.
- Four Week Python for Data Science- NPTEL Online Certification, MHRD, Govt. of India Jan-Apr 2020.
- Two days State level workshop on "Applications of AI and IoT in Electrical Systems" workshop organized by KJ's College of Engineering and Management Research, Pune, 24th-25th January 2020.
- Three days' workshop on "Python 3.4.3" organized by, PVG'S COET Pune and Spoken Tutorial, IIT Bombay, 13 August – 15 August 2019

- One day Workshop on, “Moodle Learning Management System “, organized by PVG’s COET, Pune in association with PMMMNMTT, MHRD, 15 March 2019.
- Two days international workshop on “Advances in Mechanical Engineering” International workshop organized by PVG’s College of Engineering and Technology, Pune association with SPPU, Pune, 1st-2nd March 2019.
- Syllabus Orientation Workshop BE-IT (2015 Course) Semester-II organized by PDEA's College of Engineering, Manjari (Bk.), Pune in association with BOS IT, SPPU, Pune, 28th December 2018.
- National Level FDP on “Android for Ubiquitous Computing” Organized by MKSSS's Cummins College of Engineering for Women, Karvenagar, Pune in Association with, BoS-IT, SPPU, Pune under Electronics & ICT Academy, PDPM IITDM Jabalpur, December 10-14, 2018.
- AICTE approved Faculty Development Programme (FDP201x) on Pedagogy for Online and Blended Teaching-Learning Process conducted by Indian Institute of Technology Bombay, held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI, from September 14, 2017 to October 12, 2017
- AICTE approved Faculty Development Programme (FDP101x) on Foundation Program in ICT for Education conducted by Indian Institute of Technology Bombay, held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI, from August 3, 2017 to September 7, 2017
- Half Day Workshop on, “Research Orientation “, organized by PVG’s College of Engineering and Technology, Pune 5 August 2017
- One Day FDP on “TE IT 2015 Course (Semester I) Theory and Laboratory Course Conduction” organized by BOS (Information Technology), SPPU, Pune on 13 June 2017.

Major Portfolios Handled: (college level and department level)

- ERP coordinator, FE-BE Admission Process Technical coordinator, Sports In charge, Online Exam Coordinator, Internship Coordinator, Lab coordinator
Spoken Tutorial coordinator