

Name:

Prof.Dr.Surendra Mahajan

Designation:

Assistant Professor

Contact Details:

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**Educational Qualifications:**

- PhD.(Computer Science Engineering, Faculty of Engineering) Bharath University, Deemed University, Chennai, May 2017
- M.Tech. (Information Technology), Bharati Vidyapeeth University, Pune, January 2009.
- B.E. (Computer Science and Engineering), Amravati University, Amravati, May 1998

Experience:

- Teaching: 22 Years

Research Interests:

- Software Engineering
- Software Testing and Optimization

Research Projects:

- Optimized Test Case Prioritization For Component Based Software Testing With Genetic Algorithmic Approach

Patents: (Details)

- Real time Project Management Process Based On Scrum Strategy ScrumTree And system Thereof
- Application Ref Number-202021028479 ,
- Publication Date – 31/07/2020

- Publication Number- 312020

Field of Consultancy (Aspiring):

Software Testing

Number of Publications:

International Journal: **19**

National Journal: **02**

International Conference: **11**

National Conference: **03**

Recognition/ Awards:

- Session Chair and Judge for various International Conferences
- Member of College Development Committee at PVGCOET & GKPIOM

Professional Society Memberships:

- Life Member of International Journal of Engineering Research Applications

Number of FDPs / STTPs organized: 02

Number of Workshops organized: 03

Number of Conferences / Seminars organized: 02

Number of FDPs / STTPs attended: 15

Number of Workshops attended: 10

Number of Conferences / Seminars attended: 12

Number of Online Certification Courses done: 08

Number of Webinar attended: 15

Number of times served as a Resource Person: 02

Number of times served as a Reviewer / Judge: 10

Details of Research papers published:

- Genetic Algorithm Secure Procedures Algorithm to Manage Data Integrity Of Test Case Prioritization Methodology 978-1-4799-6298-3/14/ © 2014 IEEE, SCOPUS Indexed
- Component-Based Software System Test Case Prioritization with Genetic Algorithm Decoding Technique Using Java Platform, 978-1-4799-6892-3/15© 2015 IEEE DOI 10.1109/ICCUBE.2015.169, SCOPUS Indexed
- Development And Analysis Of Quality Comprehensive Model With Scrum Tree Algorithm For Automatic User Story Processing Journal Of Theoretical And Applied Information Technology

Details of FDPs / STTPs attended in last 5 years:

- SE 2019 Course in Software Engineering, BoS-IT, SPPU,Pune, 2021
- Universal Human Value On The Theme “Inculcating Universal Human Values In Technical Education By AICTE ,2020
- Outcome Based Education, PVGCOET, Pune with Inpods ,2020
- Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop, IIT, Mumbai , under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India, 2020
- Faculty Development Program on “Java” IIT, Bombay organized under Spoken Tutorial Project, IIT Bombay, funded by NMEICT, MHRD, Govt. of India , 2020
- SE 2019 Course in Data Structures and Algorithms, BoS-IT, SPPU,Pune, 2020
- SE 2019 Course in Soft Skills, BoS-IT, SPPU,Pune, 2020

Major Portfolios Handled: (college level and department level)

- Member of College Development Committee at College
- Finance coordinator of the “VERSATALIA A National level Event at PVGCOET
- Member for various College Level Committees like Discipline committee for Versatalia , Annual social gathering
- Project Coordinator and Seminar Coordinator for Computer and I.T.
- NBA coordinator for I.T. Dept
- Academic Coordinator at I.T. Dept.

- Purchase In-charge for PVGCOET
- Website Coordinator
- Internal Senior Supervisor for University Theory Exam
- Officer in University SPPU CAP at PVGCOET

Role in University Bodies....

- Member, BoS-Information Technology, Savitribai Phule Pune University
- Vice Chancellor Nominee , Member-BoS-Information Technology, Autonomous JSPM, RSCOE, Pune
- Member-Advisory Board Committee, Bharati Vidyapeeth's College of Engg. For Women
- Chairman for Paper Setting at SPPU
- Chairman for Paper Setting at SPPU
- Subject Expert in University Local Inquiry Committee (LIC)
- Subject Expert in UGC Staffs Selection Committee
- Practical Subject Chairman at SPPU
- External Senior Supervisor for SPPU
- Team Member for University On-Line examination
- Part of various syllabus revision committee of University for Board of Computer and IT
- External Senior Supervisor for PhD Entrance Exam

- Member of SE/TE/BE Computer Engineering / IT Syllabus finalization
- Panel Member- Syllabus Orientation Workshop
- Member-Panel discussion on Curriculum of I.T. & Computer Engg.
- Reviewer-cPGCON , iPGCON , SPPU, Pune
- Member- Advisory Committee for ISTE approved National level conference