



Name: Dr. Seema Patil

Designation: Associate Professor

Contact Details:

Email id: shp_comp@pvgcoet.ac.in

Phone Number with extension: 020 24228258 / 65 / 79 Extn : 239

Educational Qualifications:

- PhD in Computer Engineering, Symbiosis International University, Feb 2023
- M. E. (Information Technology), Savitribai Phule Pune University, June 2013
- B.E. (Instrumentation), Savitribai Phule Pune University, June 2004

Experience:

- **Teaching:** 14.5 Years

Research Interests:

- AI and Machine Learning
- Data Analytics

Number of Publications:

International Journal: 11

International Conference: 02

Number of Books / Book chapters Published: 02

Number of FDPs / STTPs attended: 26

Number of Conferences / Seminars attended: 12

Number of Online Certification Courses done:

- Machine learning and its applications
- Workshop on Retail Customer profiling using unsupervised learning
- IBM Data Science Professional Certificate: Coursera
- Data visualization using Tableau and Power BI and Rubiscape

Details of books / book chapters published:

Bibliometric Survey on Effect of Climate Factors on Spread of Coronavirus (COVID-19)	Library Philosophy and Practice	International Journal	Scopus
Bibliometric Survey on Flood Prediction using Machine Learning	Library Philosophy and Practice	International Journal	Scopus
Forecasting Dengue hotspots associated with climate factors in Maharashtra state using Machine learning	Frontiers in Public Health	International Journal	Scopus
A Retrospective Study of Climate Change Affecting Dengue: Evidences, Challenges and Future Directions	Frontiers in Public Health	International Journal	Scopus
Analysis of spread of COVID- 19 based on socio-economic factors: A comparison of prediction models	Springer Nature	Conference paper	Scopus
Comparison of Machine Learning and Deep Learning Algorithms for Diabetes Prediction Using DNA Sequences	Genomics at the Nexus of AI, Computer Vision, and Machine Learning	Book Chapter	Scopus
AI Applications in Analysing Gene Expression for Cancer Diagnosis: A Comprehensive Review	Genomics at the Nexus of AI, Computer Vision, and Machine Learning	Book Chapter	Scopus