**Dr. PRADIP SURESH MANE**

Associate Professor at Vasantdada Patil Pratishthan’s College of Engineering & Visual Arts

* **Department:**
Information Technology
* **Institute:**
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**Personal Profile**

**Introduction**

Dr. Pradip Suresh Mane working as an Associate Professor in the department of Information Technology at Vasantdada Patil Pratishthan’s College of Engineering and Visual Arts (VPPCOE &VA). Dr. Pradip Mane is having 10 years of academic experience. His areas of interest are Data Science, Machine Learning, Big Data analytics, Web Mining, Database Management System, Internet of Things.

**Education**

* Ph.D Computer Engineering in 2020 from PAHER University Udaipur, Rajsthan.
* M.E. Information Technology in 2015 from Mumbai University.
* B.E. Computer Engineering in 2010 from Mumbai University.

**Professional Experience**

* Associate Professor at Vasantdada Patil Prathishthan’s College of engg Sion from February 2021 to till date.
* Assistant Professor at Shah and Anchor Kutcchi engg. College, Chembur.
* Assistant Professor at Alamuri Ratnamala Inst. of Engg. & Tech., Asangaon.
* Lecturer at Lokmanya Tilak College of Engg. Koparkhairane.

**Courses/ Subject Teaching**

* Data Warehousing and Mining
* Database management system
* Distributed databases
* Mobile Computing
* Software Engineering
* Distributed Computing
* Data Science
* Web Mining
* Big Data analytics
* Internet Programming
* Data Structure and Analysis

**Research Specialization**

Artificial Intelligence and Machine Learning, Database

**STTP/ FDP**

* AICTE-ISTE approved One Week STTP on “Data Analytics with Python and R” held during 01/01/2018 to 06/01/2018.
* AICTE-ISTE sponsored One Week STTP on “Web Technology – New Trends” held during 02/07/2018 to 07/07/2018.
* AICTE-ISTE approved One Week STTP on “Natural Language Processing – Novice to Pro” held during 02/01/2020 to 08/01/2020.
* One Week National FDP on “Moodle Learning Management System” organized by Spoken Tutorial Project, IIT Bombay from 25/04/2020 to 30/04/2020.
* One week FDP CSI approved on “Usage of Technology in Covid-19” held during 28/05/2020 to 02/06/2020.
* One Week STTP on “Training of Trainers (TOT) for Teacher Educators” conducted by National Institute of Technical Teacher’s Training and Research, Bhopal, held during 21/09/2021 to 25/09/2021.
* ISTE approved One Week STTP on “Building efficiencies in software project management by integrating DEVPS tools” held during 05/07/2021 to 09/07/2021.
* Completed NPTEL-AICTE FDP on “Introduction of Machine Learning” in July-September 2021.
* AICTE Sponsored Online STTP on “Blockchain & it’s applications (Phase – II)” held during 26/04/2021 to 01/05/2021.
* One Week FDP on “GIT” organized by Spoken Tutorial Project, IIT Bombay from 28/06/2021 to 03/07/2021.
* ISTE approved One Week STTP on “Data Science using Python” held during 03/01/2022 to 07/01/2022.
* One Week FDP on “PHP and MySQL” organized by Spoken Tutorial Project, IIT Bombay from 27/06/2022 to 02/07/2022.
* ISTE approved SF-STTP on “Emerging Trends on Data Science and Data Security” held during 02.01.2023 to 07.01.2023

**Research Publications**

* Intelligent crop recommendation system using Machine Learning algorithms 12th International Advanced Computing Conference (IACC-2022)
* Deep Learning based model for Brain tumor detection and segmentation using BRATS dataset. International Conference on Recent Trends in Machine Learning and Image Processing (MLIP-2022)
* Image Enhancement for Surveillance Videos using Quick Browsing system 7th International Conference on Innovations and Research in Technology & Engineering (ICIRTE 2022) 8th & 9th April 2022.
* Implementation of Linear regression based trend analysis model using Hadoop International Conference on Data, Engineering and Analysis(IDEA 2K21) 08th -09th October 2021.
* Summarization of Video using NLP Techniques International Conference on Convergence of Smart Technologies (IC2ST-2021) 09th -10th January 2021.
* Recommendation of Web page for improvement in WUM 4th International Conference (Online) On “Recent Trends Research in Engineering & Science (ICRTRES-20) 2nd and 3rd May 2020.
* Web Page Recommendation using Random Forest with Fire Fly Algorithm in Web Mining International Journal of Engineering and Advanced Technology (IJEAT) February 2020.
* Survey on Prediction of Weblogs for improving the performance in Web Usage Mining International journal of analytical and experimental modal analysis(IJAEMA) December 2019.
* Prediction of Weblogs for Improving the Performance in Web Usage Mining using PSOSVM 4th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2019) 13th December 2019.
* Power Efficient Location Based Services on Smart Phones. International Journal of Emerging Technology and Advanced Engineering October 2013.
* Analysis of Bus Tracking System Using GPS on Smart Phones. International organization of scientific research Mar-Apr. 20.

**Book Chapters**

* Database Management system (DBMS) for Second Year Semester 3 Degree course in Information Technology (MU) with Nirali Publication.
* Green IT for Third year Semester 6, degree course in Information Technology (MU) with Tech-Neo publication.

**Patent Publications**

* Australian Government (IP Australia) granted innovation patent, titled “Artificial Intelligence based Computational Model for Saptial-Temporal and Emotional Reasoning of Humanoid Robots”, on 23 June 2021.
* Published patent, titled “Predicting overall customer satisfaction for an effective product opinion analysis on e-commerce websites” on 10th February 2023 on Indian Patent office.
* Published patent, titled “Pothole detection and filling using plastic waste” on 24th March 2023 on Indian Patent office.

**Copyright**

* Copyright granted by Indian Government titled “Summarization of Video using NLP technique” on August 2021.

**Achievements**

* Awarded as Prof. Y. K. Bhushan Most Influential Professors Award on 7th July, 2022 at 11th Edition of World Education Congress.
* Awarded as Mumbai Bhushan Award 2022 for Best Associate Professor by Global Scholars Foundation, presented by Social Reformer Padmashri Popatrao Pawar.