GOVERNMENT POLYTECHNIC MURTIJAPUR
FACULTY PROFILE
DEPARTMENT: COMPUTER ENGINEERING DEPARTMENT

1. Name of the faculty member   : Satav Pravin Ramdas
2. Designation   : Selection Grade Lecturer In Computer Engineering
3. Date of Birth & Age   : 03rd March 1979
4. Date of joining Tech Ed Dept   : 05th March 2011
5. Date of joining G P Murtijapur : 01st   July 2023
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8. Academic Qualification (Bachelor Degree onwards)

Sr. No.	Degree Held	University	Year of passing	Specialization
1	B.E.	S.G.B.U.Amravati University Amravati	2001	Computer Science and Engineering
2	M.E.	S.R.T.Marathwada University Nanded	2008	Computer Science and Engineering
3.	Ph.D	S.G.B.U.Amravati University Amravati	2019	Computer Science and Engineering

9. Research Publication :

A. International Journal :

1. Dr. Sachin S Agrawal, Prof. Sohel Bhura,Prof. Pravin R. Satav "Deep Learning in Action: A Comprehensive Study of Convolutional Neural Networks for Facial Emotion Recognition" An International Refereed/ Peer Review Research Journal(NSS) E-Journal, Vol. III, Issue XIX, ISSN 2320-8767, E- ISSN 2394-3793, Impact Factor - 4.710 (2016) July to Sept. 2017 PP. 876-879.

2. Pravin R Satav, Dr. P.M.Jawandhiya, " Experimental Results of - An Efficient Approach for Secure AOMDV Routing protocol in Adversarial Environment," International Journal of Research in Advent Technology, Vol.6, No.12, December 2018 E-ISSN: 2321-9637. PP 3653-3664. (UGC Listed Journal Serial No. 48768)

3. Dr. Pravin R. Satav, "IoT and Machine Learning for Real-time Crop Monitoring and Management" an IJFANS UGC CARE Listed (Group -I) Journal, Feb-2022 Volume 11, Iss 02, 2022, ISSN PRINT 2319 1775 Online 2320 7876,PP 747-756.

4. Dr. Sachin S Agrawal, Dr. Pravin R. Satav and Mr. Bhushan Talekar, "Ensemble Learning for Stock Market Prediction: Leveraging Uncertainty in Decision Tree-Based Methods" an IJFANS UGC CARE Listed (Group -I) , Dec-2022 Journal Volume 11, Iss 12, 2022, ISSN PRINT 2319 1775 Online 2320 7876,PP 7851-7863.

5. Dr. Avinash. J. Agrawal,Dr. Rashmi R. Welekar,Dr. Namita Parati,Dr. Pravin R. Satav, Dr. Uma Patel Thakur, Dr.Archana V. Potnurwar, "Reinforcement Learning and Advanced Reinforcement Learning to Improve Autonomous Vehicle Planning", International Journal on Recent and Innovation Trends in Computing and Communication, (IJRITCC - June 2023),ISSN: 2321-8169 Volume: 11 Issue: 7s,DOI: https://doi.org/10.17762/ijritcc.v11i7s.7526,PP-652-660.

6. Dr. Avinash J. Agrawal, Dr. Rashmi R. Welekar, Dr. Namita Parati, Dr. Pravin R. Satav,Dr. Leena H. Patil,Dr. Shailendra S. Aote, "International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING" , IJISAE, 2023, 11(10s), ISSN:2147-679921,July 2023,PP, 01–10,

7. Sanjay P. Pande,Dr. Sachin Chaudhary,Dr. Pravin R. Satav,Uma Patel Thakur,Namita Parati, "IoT-Enabled Transportation Networks for Resilient Intrusion Detection Using Deep Learning", "International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING" , IJISAE, 2023, 11(10s), ISSN:2147-679921,July 2023,PP, 49–58,

B. International Conferences

1. "Review on Single-Path Multi-Path Routing Protocol in Manet: A Study", in 2 nd International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2016), December 23-25, 2016, Jaipur, India.

2. "A Novel Protocol Switching Approach to Increase Network Performance" International Conference on Intelligent Computing and Control (I2C2-2017), 23- 24 June 2017.

3. "Secure Route Selection Mechanism in the presence of Blackhole Attack with AOMDV Routing Algorithm," for 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA – 2018), Pimpri Chinchwad Education Trusts, Pimpri Chinchwad College of Engineering, Pune, August 16-18,2018, Pune ,India

4. "Energy Efficient Route Selection Mechanism in the presence of Blackhole Attack with AOMDV Routing Algorithm," for 2018 Third International Conference on Research on intelligent and Computing in Engineering (RICE– 2018), at Universidad Don Bosco, El Salvador in Central America, presented at P.R.M.C.E.A.M Badnera,Amravati Maharashtra on 20 August 2018.

5) Published paper on "*Image* **Retrieval** *by Color Features in Image Databases."* International Conference Organized by ICFCA, Bangalore during February 25th, 2010. http://www.ijcaonline.org/archives/number26/468-773

6) Published paper on "**Retrieval** *by Color Features in Image Databases."* International Journal on computer engineering and information technology IJCEIT (ISSN: - -0974-2034) Organized by ICFCA, Bangalore during February 25th, 2010.

7) Dr. Mrs. A.M. Rajurkar & S.S.Asole & Pravin Satav, Presented a paper on **"Image Retrieval by using Color Texture Moments "** in International conference Organized by Anuradha Engineering college , Chikhali ,Buldana (21- 22 February 2008)

8) Presented a paper entitled "*Retrieval by Color Features in Image Databases*" at International Conference on Recent Trends in Soft Computing and Information Technology sponsored by AICTE and Technically Supported by IEEE (MP Subsection) and IEEE Computer Society (Mumbai Section) Organized by " *Corporate Institute of Science & Technology Bhopal M.P (India)* " During 9th & 10th January, 2010.

9) P.R.Satao & S.S.Asole , Presented a paper on **"*Content Based Image Retrieval*"** in Natinal Level Student Technical Symposium Organized by **Umrer College of Engineering, Nagpur,** (23-24 February 2007)

10) P.R.Satao & S.S.Asole , Presented a paper on *" Color Texture Moments   for content Based image Retrieval"* in National Level Conference organized by Department of Computer Science and Engineering and Information Technology, Babasaheb Naik College of Engineering, **Pusad** on December 17-18 , 2007.

11) P.R.Satao & S.S.Asole , Presented a paper on *" Retrieval by Color Feature in Image Databases "* in National Level Conference organized by Department of Computer Science and Engineering and Information Technology, Babasaheb Naik College of Engineering, **Pusad** on December 17-18 , 2007.

10) Presented a paper entitled "*A Prototype System for Retrieving images using Color Features*" at Annual Conference of Vijnana Parishad of India & National Symposium Organized by "*Jaypee Institute of Engg. & Technology Guna, M.P (India)"* During 4-6 December 2009.