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|  | **FACULTY PROFILE** |
| **Name** | Dr. Vijay Dadasaheb Katkar |
| **Designation** | Professor |
| **Department** | CSE |
| **Mobile No.** | 9323134570 |
| **e-mail** | Vdk\_cse@adcet.in |

# Educational Qualifications:

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Year of Passing** | **University** | **Grade** |
| B.E. (Information Technology) | 2005 | Mumbai University | First |
| M.Tech. (Computer Engineering) | 2008 | Mumbai University | First |
| Ph.D. (Computer Engineering) | 2017 | Bharati Vidyapeeth | -- |

Machine Learning, Computer Vision



**Area of Specialization:**

# Professional Experience:

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Industrial** | **R & D** | **Total** |
| 15 | 00 | 00 | 16 |

**No. of Patents Nil**

# Books Published Nil

**Research Publications:**

**International Journals International Conferences National Journals National Conferences Total**

# 27 31 12

**STTP / Workshops / Seminars Attended: STTP Workshops Seminars**

# 2 00 00

**Students Guided: UG PG Ph.D.**

# 40 03 3 (Still Guiding)

**Collaboration with Industry:**

# Professional Memberships:

* 1. IEEE Membership No.: 97279880
  2. Indian Society for Technical Education: M. No.: LM 126353

# Special Achievements:

1. Hot Research Topic: Ultra-Wideband, Polarization-Independent, Wide-Angle Multilayer Swastika-Shaped Metamaterial Solar Energy Absorber with Absorption Prediction using Machine Learning, Advanced Theory and Simulations, DOI: 10.1002/adts.202100604
2. Best Paper Award: Corn Leaf Disease Detection Using RegNet, KernelPCA and XGBoost Classifier, ‘First International Conference on Advancements in Smart Computing and Information Security’, Springer Nature, DOI: 10.1007/978-3-031-23092-9\_28
3. Best Paper Award: Content-based Image Retrieval Using Deep Convolution Neural Network, International Conference on Computing, Communication, Control and Automation-2015 (IEEE Conference), August 2017
4. Best Paper Award: Detecting of DoS/DDoS attack against HTTP Servers using Naïve Bayesian, International Conference on Computing, Communication, Control and Automation-2015 (IEEE Conference), DOI: 10.1109/ICCUBEA.2015.60
5. Best Paper Award: Content Based Video Classification using Edge Detection and Naive Bayesian Classifier, International Conference on Communication and Computing ICC – 2014 (Elsevier Conference)
6. Editor's Choice Award: Novel Architecture for Intrusion-Tolerant Distributed Intrusion Detection System using Packet Filter Firewall and State Transition Tables, International Journal of Computer Applications, Vol. 8, Number: 11