

Dr. Siddheshwar Vilas Patil

Associate Professor | Head of Artificial Intelligence Department | Entrepreneur | Innovator

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Professional Summary

Experienced academic leader, entrepreneur, and accomplished researcher with a Ph.D. in Computer Science and Engineering. Expertise in Artificial Intelligence, software development, and parallel computing, with a strong track record of spearheading innovative educational and research initiatives. Currently serving as Associate Professor and Head of the Artificial Intelligence Department at DYP CET and Director of DYP CET ARJUN Innovation Incubation and Entrepreneurship Foundation. Renowned for mentoring students, delivering 26+ expert talks, guiding 40+ projects, and driving impactful efforts in accreditation, patent publications, and research publications. Passionate about fostering innovation, empowering entrepreneurs, and advancing academic excellence.

Key Achievements

- **Board Member:** Serving as a Board of Director for DYP CET ARJUN Innovation, Incubation and Entrepreneurship Foundation since January 2025.
 - **Mentorship:** Guiding innovation at DBATU Forum of Innovation, Incubation & Enterprise (DFIIE), supported by the Govt. of Maharashtra.
 - **Conference Leadership:** Session Chair at IEEE-sponsored NCASETSD-22, GCE Karad (May 2022).
 - **Academic Excellence:** Conducted academic audits (2023-24) and served as a DRC Subject Expert at SGU Kolhapur (2024-25).
 - **SIH Leadership:** SPOC for SIH 2023 & 2024; mentored teams shortlisted for the SIH Grand Finale 2023.
 - **Certifications:** IBM DB2 9, IBM Rational Functional Tester for Java, NVIDIA Building Transformer-based NLP Applications, NVIDIA Fundamentals of Deep Learning, NVIDIA Fundamentals of accelerated computing with CUDA C/C++
 - **Awards:** Best Paper Award at Research Symposium on Computing (RSC 2020), WCE Sangli.
 - **Appreciation Letters:** Recognized for developing Online Feedback and Attendance applications at ADCET (2012-2013).
 - **Patent Publications:** Design and utility patents published, including “Smart Classroom using Raspberry-Pi” and “KPDAN: Knowledge Processing and Data Analysis Navigator System.”
 - **Research Proposals Submitted:** Meity and RGSTC proposals on AI
 - **Reviewer Roles:** Peer reviewer for IEEE, Springer, Elsevier, and various conferences.
 - **MOU:** Signed with AIC ADT Baramati Foundation for startups and entrepreneurship.
 - Attended **70+** Summer/Winter Schools, STTP/Workshop/FDPs
 - Organized **15+** Training programs/Workshops, FDPS, Expert and Guest Sessions
 - **Expert Talks:** 26+ Expert Lectures/Talks delivered at various Engineering Institutes in Maharashtra
 - **Project Guidance:** Guided 30+ UG and 13+ PG Projects
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Professional Experience

- **Associate Professor and Head of Artificial Intelligence Department**
DYP CET, Kolhapur [1 July 2023 – Present]
 - **Director**
DYP CET Arjun Innovation Incubation and Entrepreneurship Foundation, [Jan 2025 - Present]
 - **Assistant Professor**
DYP CET, Kolhapur [1 August 2022 – 30 June 2023]
 - **Assistant Professor**
ADCET, Ashta [17 July 2007 – 30 July 2022]
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Education

- **Ph.D.** in Computer Science and Engineering, Walchand College of Engineering, 2023
 - **M. Tech.** Computer Science and Engineering, Walchand College of Engineering, 2011
 - **B. E.** in Information Technology, Walchand College of Engineering, 2007
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Skills

- Artificial Intelligence & Machine Learning
 - Parallel and Web Computing
 - Software Development & Startup Incubation
 - Event Management & Academic Leadership
 - Research Paper & Thesis Evaluation
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Research Publications

- International Journals: 27 +
 - International Conferences: 20 +
 - National Conferences: 9 +
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Noteworthy Engagements

- Worked as a Departmental Examination Coordinator for Computer Science and Engineering, ADCET (2021-2022).
- Worked as a Board of Studies Secretary for Computer Science and Engineering, ADCET (2016-2018).
- Contributed to NBA Tier-II Accreditation for CSE (2017) and IT (2013) at ADCET.
- Contributed to NAAC A Grade Accreditation for ADCET (2014).
- Held roles as Senior Supervisor for Shivaji University Examinations (multiple years).
- Coordinated online exams and events like Ingenious 2k8 and 2k9 at ADCET.
- Served as Student Association Incharge for IT Department at ADCET (2011-2016).
- Developed and managed Online Attendance and Feedback software for ADCET (2011-2018).

- Working as PAQIC Chairman and BoS Chairman at DYPCET (2023-present).
 - Held multiple roles as a Judge in technical events and project competitions at national levels.
 - CAP Director and Senior Supervisor roles at DYPCET (2023).
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Languages

- English, Marathi and Hindi
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Interests

- Reading inspirational literature
- Mentoring students and fostering innovation