

Curriculum Vitae

Name: Katkar Atish Rajebhau

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Date of Birth: 07th May 1992



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
Ph.D.	Computer Science and Engineering	Indian Institute of Information Technology (IIIT) Pune	IIIT Pune	Pursuing	8.77/10.0	
M.Tech.	Computer Science and Engineering	National Institute of Technology Goa	NIT Goa	2017	8.03/10.0	First Class with Distinction
B.Tech.	Computer Engineering	Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere	DBATU Lonere	2014	6.64/10.0	First Class

M. Tech. Project: Summarization of Transcripts of Lecture Videos (Guide: Dr. Veena T, NIT Goa)

Key Research Areas: Theory of Computation, Image Segmentation in Healthcare, Machine Learning

Experience

Sr. No.	Organization	Post	From	To	Years	Months
1	Maharashtra Institute of Technology, Chh. Sambhajinagar	Assistant Professor	Aug 08, 2025	Till date	-	-
2	CSMSS, Chh. Shahu College of Engineering, Chh. Sambhajinagar	Assistant Professor	Dec 11, 2021	Aug 04, 2025	3	8
3	Government Engineering College (GEC), Jhalawar, Rajasthan	Assistant Professor (NPIU/MHRD)	Jan 02, 2018	Sep 30, 2021	3	9
4	Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere	Assistant Professor	Jul 03, 2017	Dec 30, 2017	0	6

List of Courses Taught/Teaching at UG level

- Theory of Computation
- Data Structures and Algorithms
- Compiler Design
- Data Communication and Computer Networks
- Analysis of Algorithm
- Programming for Problem Solving
- Discrete Mathematics

List of Courses Taught/Teaching at PG Level

- Machine Learning

Additional Assignments/Duties

- Worked as Educator for Theory of Computation subject in TEQIP Faculties YouTube Channel
- College SPOC for Smart India Hackathon (SIH) in 2019 and 2020 at GEC Jhalawar
- **Procurement and Development:** Involved in Procuring and developing various labs of department as well as college under TEQIP-III
- Faculty Coordinator & Mentor at GEC Jhalawar

- Faculty Advisor for Vivekananda Study Circle Club at GEC Jhalawar
- Conducted multiple GATE trainings and mentoring

Membership of Professional Bodies

- HoD In-charge for 2 months at GEC Jhalawar
- IFERP Membership| Membership No.: PROF-3811365

Research Projects/Projects Guided

NIL

Computer/Software Proficiency

Languages: C(Proficient); Python(Proficient); Matlab/Octave(ModeratelyExperienced).
Libraries & Analytics: Tensorflow; Numpy; Pandas; Scikit-learn; NLTK; NetworkX.
Database: MySQL. **Operating Systems:** MacOS Sequoia; Ubuntu; Kali Linux; Windows.
Typesettings: LaTeX (Proficient), MS Office(Proficient).

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended

- Invited for a **STAR Workshop** at **IIT Bombay** on July 19th, 2025
- Participated in a Faculty Development Program on “**Human Robot Interaction and Assistive Technologies**”, organised by **Electronics and ICT Academies at IIT Guwahati, IIT Kanpur, IIT Roorkee, MNIT Jaipur, NIT Patna and NIT Warangal, and PDPM IITDM Jabalpur**, during June 09th - June 16th, 2025
- Participated in 12 Week Faculty Development Program on “**Introduction to Machine Learning**”, organised by **NPTEL-AICTE IIT Madras**, during January - April, 2025
- Participated in Online Workshop on “**Intellectual Property Rights (IPR), Patents & Design Filing**”, organised by **RGNIIPM, Government of India, Nagpur, under the National Intellectual Property Awareness Mission**, on April 08th, 2025
- Participated in 12 Week Faculty Development Program on “**Natural Language Processing**”, organised by **NPTEL-AICTE IIT Madras**, during January - April, 2024
- Participated in 08 Week Faculty Development Program on “**Introduction to Soft Computing**”, organised by **NPTEL-AICTE IIT Madras**, during January - March, 2024
- Participated in 5-days Faculty Development Program on “**Inculcating Universal Human Values in Technical Education**”, organised by **AICTE**, during February 06th - February 10th, 2023

- Participated in 3-days **“IGNITION 1.0 Startup Bootcamp”**, organised by **Atal Incubation Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad** during December 28th - December 30th, 2022
- Participated in 06 hours Faculty Development Program on **“Microsoft Azure Fundamentals (Online FDP)”**, organised by **ICT Academy**, during February 16th - February 18th, 2022
- Participated in the Online Training Programme on **“Machine Learning”**, organised by **NITTTR Chennai**, during January 03rd - January 07th, 2022
- Participated in the TEQIP-III Sponsored NASSCOM training on **“Artificial Intelligence and Machine Learning”**, organised by **IIT Indore**, during December 21st - December 30th, 2020
- Participated in the TEQIP-III Sponsored **Professional Development Training Programme for Faculty**, organized by **IIM Visakhapatnam**, during December 07th - December 09th, 2020
- Participated in the FDP on **“Deep Learning for NLP”**, organized by **NIT Andhra Pradesh**, during November 23rd - November 27th, 2020
- Participated in the Short Term Course (STC) on **“Cyber Security & Modern Cryptography”**, organized by **IIT Kharagpur**, during November 09th - November 13th, 2020
- Participated in the FDP on **“Optimization Techniques and Applications”**, organized by **NIT Andhra Pradesh**, during September 21st - September 25th, 2020
- Participated in the One Week National FDP on **“Artificial Intelligence Applications through Machine Learning”**, organized by **Department of CSE, Balaji Institute of Technology & Science, Warangal**, during July 14th - July 18th, 2020
- Participated in the One Week FDP on **“Developing Potentials - Emerging Technologies of Computer Science”**, organized by Department of CSE, Vidya Jyothi Institute of Technology, during July 01st - July 07th, 2020
- Participated in one-day International Webinar on **“Artificial Intelligence: Introduction and It’s Application”**, organized by Department of CSE and EE, **Engineering College Banswara**, on June 23rd, 2020
- Completed Coursera non-credit Specialization course **“Mathematics for Machine Learning (Linear Algebra, Multivariate Calculus and PCA)”**, certified by Imperial College London on May 04th, 2020
- Attended a workshop on **“Applied Deep Learning”**, organized by **MANAS LAB, School of Computing and Electrical Engineering, IIT Mandi**, during July 01st - July 05th, 2019
- Attended a Five-Days TEQIP-III Sponsored Summer Training Program on **“Advanced Pedagogies: Active Learning and Digital Tools”** at **IIT Bombay**, during June 03rd - June 07th, 2019

- Attended a One Day TEQIP-III Sponsored workshop on “**NBA Accreditation for UG Engineering Programs**”, organized by **SPIU, Rajasthan at MNIT Jaipur**, on May 30th, 2019
- Attended a Five-Days TEQIP-III Sponsored STTP on “**Make In India**” at **IIT Bombay**, during March 29th - April 02nd, 2019
- Participated in the TEQIP-III Sponsored “**Professional Development Training (PDT)**” at **Indian Institute of Management Raipur**, during February 11th - February 15th, 2019
- Attended a One Week FDP on “**Artificial Intelligence using Deep Learning & Machine Learning**”, organized by **Department of Information Technology, MGM’s JNEC, Aurangabad**, during January 01st - January 05th, 2019
- Attended a FDP on “**Outcome Based Education & NBA Process**”, organized by **Internal Quality Assurance Cell, Maharashtra Institute of Technology, Aurangabad**, during July 09th - July 14th, 2018
- Participated in a “**Faculty Induction Program**” under TEQIP-III Initiative (**MHRD, Government of India**) at **IIT Gandhinagar**, during January 29th - February 02nd, 2018

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Organized

- Worked as a **Coordinator** in a TEQIP-III Sponsored workshop on “**Advanced Topics in Information Technology and Computer Science**” from December 14th - December 19th, 2020 at Department of Computer Science & Engineering under **twinning activity between NITK Surathkal and GEC Jhalawar**
- **Organized** a TEQIP-III Sponsored workshop on “**Classical ML Algorithms & Introduction to Neural Networks**” at Department of Computer Science & Engineering, GEC Jhalawar, during August 10th - August 14th, 2020
- **Organized** a TEQIP-III Sponsored technical and cultural event “**TechRhythm**” at Department of Computer Science & Engineering, GEC Jhalawar, during February 18th - February 19th, 2020
- Worked as a **Coordinator** in a TEQIP-III Sponsored workshop on “**5G and Block Chain Technology**” from February 10th - February 14th, 2020 at Department of Computer Science & Engineering under **twinning activity between NITK Surathkal and GEC Jhalawar**
- **Organized** a TEQIP-III Sponsored “**Internal Smart India Hackathon 2020**” at GEC Jhalawar on January 29th, 2020
- **Organized** a TEQIP-III Sponsored workshop on “**Introduction to Artificial Neural Network**” at Department of Computer Science & Engineering, GEC Jhalawar, during January 06th - January 10th, 2020

- **Organized** a TEQIP-III Sponsored “**Build - A - Thon**” at Department of Computer Science & Engineering, GEC Jhalawar, on February 19th, 2019
- **Organized** a TEQIP-III Sponsored Faculty Development Programme (FDP) on “**Introduction to Machine Learning**” at Department of Computer Science & Engineering, GEC Jhalawar, during December 17th - December 21st, 2018
- **Organized** a TEQIP-III Sponsored STTP on “**Emerging Technology Trends in Computer Science & Engineering**” at Department of Computer Science & Engineering, GEC Jhalawar, during September 11th - September 15th, 2018
- **Organized** a TEQIP-III Sponsored STTP on “**Machine Intelligence & Learning with Anaconda & Python (MILAP)**” at Department of Computer Science & Engineering, GEC Jhalawar, during April 27th - April 28th, 2018

Invited talks delivered

- **Guest lecture** delivered on “**Core Concept of Compiler Design**” in PES College of Engineering, Chh. Sambhajinagar on May 30th, 2025
- **Keynote talk** delivered in a webinar on “**Let’s Crack the GATE**” organized by IUST, Awantipura on June 04th, 2021
- **Keynote talk** delivered in TEQIP-III Sponsored TechRhythm on “**Importance of GATE**” at Department of Computer Science & Engineering, GEC Jhalawar, on February 19th, 2020
- **Lecture** delivered in a TEQIP-III Sponsored Workshop on “**5G and Block Chain Technology**” at Department of Computer Science & Engineering, GEC Jhalawar, during February 10th - February 14th, 2020
- **Lectures** delivered in a TEQIP-III & Prerana Sponsored on “**Prerana Workshop for Machine Learning**” at Department of Computer Science & Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra, during February 6th - February 8th, 2020
- **Lecture** delivered in a TEQIP-III Sponsored Short Term Training Programme (STTP) on “**Emerging Technology Trends in Computer Science & Engineering**” at Department of Computer Science & Engineering, GEC Jhalawar, during September 11th - September 15th, 2018
- **Keynote talk** delivered on “**Writing LaTeX documents**” in TEQIP-III Sponsored 02 weeks training program on “**Academic and Skill Development**” at GEC Jhalawar, during July 02nd - July 13th, 2018 organized by the department of Mechanical Engineering
- **Lecture** delivered in TEQIP-III Sponsored 02 weeks training program on “**Academic and Skill Development**” at GEC Jhalawar, during July 02nd - July 13th, 2018 organized by the department of EE, CSE & ECE.

Intellectual Property Rights

Sr. No.	Registration Number	Detailed Work	Publication Date
1	6352518	AI – Powered Point of sale terminal	27/03/2024

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
Jul 2024	Sep 2024	8	Theory of Computation	81	Elite-Silver
Jul 2025	Apr 2025	12	Business Intelligence & Analytics	78	Elite-Silver
Jul 2024	Aug 2024	4	Python for Data Science	83	Elite-Silver
Jul 2025	Apr 2025	12	NBA Accreditation and Teaching and learning in Engineering (NATE)	76	Elite-Silver

Awards, Achievements and Recognition

- **Recognized as NPTEL DISCIPLINE STAR** in JAN-APR 2025
- **Recognized as NPTEL ENTHUSIAST** in JAN-APR 2025
- **NPTEL - NBA Accreditation and Teaching and Learning in Engineering (NATE): Silver Medalist**, completed in April 2025
- **NPTEL - Business Intelligence & Analytics: Silver Medalist**, completed in April 2025
- **NPTEL - Python for Data Science: Silver Medalist**, ranked in the Top 2% of all participants, completed in September 2024
- **NPTEL - Theory of Computation: Silver Medalist**, ranked in the Top 5% of all participants, completed in September 2024
- **Qualified GATE 2023 with 87.82%**
- **Selected as a Subject Expert** for Theory of Computation subject in CEG GATE Academy at Jaipur
- **Worked as Educator** for Theory of Computation subject in TEQIP Faculties YouTube Channel
- **College SPOC** for Smart India Hackathon (SIH) in year 2019 and 2020 at GEC Jhalawar
- **NASSCOM Trainer license certified** for Artificial Intelligence
- **05 times GATE Qualified**

Date: 21/08/2025

Place: Chhatrapati Sambhajinagar