

Curriculum Vitae

Mehul Arun Jadhav



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Date of Birth: 11 March 1984

Nationality: Indian

Google Scholar: Google Scholar

ResearchGate: ResearchGate

Research Metrics: 12 Publications, 302 Reads, 42 Citations (ResearchGate, August 2025)

1 Education

No.	Degree	Institution	Year	%	CGPA	Grade/Rank
1	Ph.D. (Computer Sciences)	Shivaji University, Kolhapur	Pursuing	–	–	–
2	B.Sc. (Mathematics)	Shivaji University, Kolhapur	2024	80.44	9.04	A+
3	NET (Math. Sciences)	CSIR	2023	50.13	–	AIR-63
4	B.Sc. (PCM)	YCMOU, Nashik	2022	85.73	8.55	A+
5	SET (Math. Sciences)	SPPU, Pune	2020	55.33	–	Qualified
6	M.Sc. (Mathematics)	YCMOU, Nashik	2020	70.80	7.05	A
7	NET (Comp. Science)	UGC	2018	58.00	–	99.15 Percentile
8	SET (Comp. Science)	SPPU, Pune	2017	61.15	–	Qualified
9	M.Sc. (Comp. Science)	Shivaji University, Kolhapur	2006	66.30	–	A
10	B.C.S.	Shivaji University, Kolhapur	2004	68.80	–	A
11	H.S.C.	Kolhapur Div. Board	2001	64.17	–	A
12	S.S.C.	Kolhapur Div. Board	1999	74.40	–	A

2 Professional Experience

- Assistant Professor of Computer Studies(MCA) and Mathematics**
Vivekanand College (Autonomous), Kolhapur Current
- Lecturer, Bachelor of Computer Science (B.C.S.)**
The New College, Kolhapur 15 June 2007 – 31 January 2024
- Lecturer, B.Sc. (Computer Science)**
The New College, Kolhapur 15 July 2016 – 30 April 2018
- Lecturer, B.Sc. (Mathematics)**
The New College, Kolhapur 16 October 2021 – 31 March 2023

- **Lecturer, Bachelor of Computer Applications (B.C.A.)**

Vivekanand College, Kolhapur

5 February 2024 – 30 April 2025

- **Visiting Faculty (Postgraduate, Mathematics):**

- M.Sc. (Mathematics), Vivekanand College, Kolhapur 6 months
- M.Sc. (Environmental Sciences), CSIBER, Kolhapur 3 years

- **Visiting Faculty (Postgraduate, Computer Science):**

- M.Sc. (Computer Science), The New College, Kolhapur 2 years
- M.Sc. (Applied Statistics), Vivekanand College, Kolhapur 1 year
- M.Sc. (Cyber Security), CSIBER, Kolhapur 2 years
- M.B.A. (Data Analytics), CSIBER, Kolhapur 2 years

- **Distance Education Faculty (Mathematics):**

- B.Sc. (PCM), YCMOU, Vivekanand College, Kolhapur 9 years
- M.Sc. (Mathematics), YCMOU, Vivekanand College, Kolhapur 6 years
- M.Sc. (Environmental Sciences), YCMOU, Vivekanand College, Kolhapur 13 years
- M.B.A., SUK Distance, Vivekanand College, Kolhapur 13 years

3 Research Publications

No.	Title	ISSN/ISBN	Presented	Published	Journal/Conference	Pages	Year
1	Cross-diffusion effects on radiative and reactive Prandtl nanofluid due to a convectively heated stretching surface	–	Yes	Yes	International Journal	–	2023
2	Tensors, Data Structures, and Tensor Algebra in Programming	3067-3089	Yes	Yes	CompSci Journal, 1(6)	1–5	2025
3	Optimization of Collatz Sequence Algorithm	–	Yes	Yes	International Journal	–	–
4	Oneness of Natural Number: Properties of Multiples of 3	2349-638x	Yes	Yes	Aayushi Int. Interdisc. Res. J.	885–889	2020
5	Divisibility, Compressed Representation, Sum of Digits in Python 3	2277-5730	Yes	Yes	Impact Of Multiculturalism	143–147	2019
6	Algorithms to Generate Triangular-Rectangular Numbers in Python 3	2277-5730	Yes	Yes	Impact Of Multiculturalism	48–54	2019
7	Study of Algorithms for Triangular-Rectangular Numbers	–	Yes	No	Nat. Conf. on Pure & Appl. Math.	–	2019
8	Oneness of Natural Number: Ternary Partitions	2277-9302	Yes	Yes	Int. J. of Multidisc. Research	26–29	2015
9	Oneness of Natural Number: Properties of 3M	–	Yes	No	Int. Conf. on Math. Sciences	–	2015
10	Modular Arithmetic and C Data Types: Signed Integral	978-93-5212-826-6	Yes	Yes	Int. Conf. on Basic and Appl. Sci.	128–132	2015
11	Partition of Numbers	–	Yes	Yes	–	220–222	–

No.	Title	ISSN/ISBN	Presented	Published	Journal/Conference	Pages	Year
12	Modular Arithmetic and C Data Types: Unsigned Integral	978-93-5202-735-4	Yes	Yes	Nat. Sem. on Trends in Info. Tech.	89–93	2015
13	Oneness of Natural Number: Collatz Conjecture Revised	2277-9310	Yes	Yes	Int. Res. J. of Commerce and Soc. Sci.	137–140	2015
14	Oneness of Natural Number: Collatz Conjecture	–	Yes	No	State Sem. on Math. Analysis	–	2015
15	SSL Certificate: Strong Authentication	–	Yes	Yes	International Journal	–	–

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4 Research Projects

- **Ongoing:** Minor Research Project, “To identify a mapping between some special series formed by the Collatz conjecture and odd numbers using mathematical softwares,” Seed Money 2022-23, started 1 December 2022.
- **Completed:** Minor Research Project, “Study of Integral Transformation,” UGC, completed April 2016.

5 Academic Service

- **Board of Studies Member (Post Graduate Meritorious Alumnus):**
Vivekanand College (Autonomous), Kolhapur 1 May 2018 – 30 April 2021
- **Syllabus Sub-Committee Membership:**
 - Computer Science Optional and Entire First Year, Shivaji University, Kolhapur 25 April 2016
 - Computer Science Optional First Year, Vivekanand College, Kolhapur 5 May 2018
 - Computer Science Optional Second Year, Vivekanand College, Kolhapur 5 March 2019

6 Institutional Collaborations

- Department of Mathematics, Vivekanand College, Kolhapur
- Department of Computer Science Optional, Vivekanand College, Kolhapur
- Department of Computer Science and Application, D.K.A.S.C. College, Ichalkaranji
- Department of Mathematics, L.B.S. College, Satara

7 Professional Activities

- **Resource Person:**
 - “Career Counseling in Mathematics,” Sadguru Gadage Maharaj College, Karad 30 December 2017
 - “C Programming,” Vishwasrao Naik Arts, Commerce and Baba Naik Science Mahavidyalaya, Shirala 6 October 2016
 - “Introduction to C Programming,” Kisan Veer Mahavidyalaya, Wai 29 September 2016
 - “Introduction to SCILAB Programming,” LBS College, Satara 28 September 2016
- **Participant:**
 - Workshop on “Google Class Room,” The New College, Kolhapur 15 September 2017
 - Workshop on “Animation: A Amazing World,” College of Non-Conventional Vocational Courses for Women, Kolhapur 24 December 2016

8 Guest Lectures

- “Object Oriented Programming and Algebra,” Lal Bahadur Shastri College, Satara 31 January 2018
- “Advanced Java,” Shivraj College, Gadhinglaj 6 January 2018
- “Mathematical Foundation for Computer Science,” Ajara College, Ajara 16 September 2017
- “Scilab,” Dr. Ghali College, Gadhinglaj 14 January 2017
- “Application of Mathematics,” Dr. Ghali College, Gadhinglaj 15 November 2015
- “C++ and MATLAB,” Sadguru Gadage Maharaj College, Karad 24 February 2014

9 Conferences and Seminars

- National Seminar on “Revised Process of Assessment and Accreditation Frameworks of NAAC,” The New College, Kolhapur 27 January 2018
- State Level Seminar on “Big Data Analytics: Next Frontier for Business Innovations and Opportunities,” Zeal Institute, Pune 6–7 October 2017
- National Workshop on “Population of Remote Sensing Based Maps and Geospatial Information,” Vivekanand College, Kolhapur
- National Workshop on “Big Data Analytics with Hadoop,” Shivaji University, Kolhapur 5–6 April 2017
- International Research Conference on Physics, Chemistry, Mathematics, Electronics and Computer Science, Anandi Arts, Commerce and Science College, Gaganbawada 10 October 2015
- International Conference on Mathematical Sciences (MSC-2015), Sadguru Gadage Maharaj College, Karad 15–16 September 2015
- International Conference on Emerging Trends in Basic and Applied Sciences (ETBAS-2015), Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti 10 March 2015
- National Seminar on Recent Trends in Information Technology (NSRTIT-2015), CSIBER, Kolhapur 6–7 March 2015
- International Research Conference on Recent Trends in Commerce, Management, Social, Engineering, Technological Sciences and Linguistic, Devchand College, Arjunnagar 14 February 2015
- State Level Seminar on Mathematical Analysis, Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon 4 February 2015
- State Level Seminar on Application of Advanced Mathematics and Research Methodologies, Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon 16–17 October 2014
- National Conference on Fuzzy Mathematics and Its Applications, Sadguru Gadage Maharaj College, Karad 5–6 February 2014
- State Level Workshop on Vedic Mathematics, Raosaheb Gogate College, Banda 30–31 August 2013

10 Training Programs

- Resource Person, “Data Structures,” D. Y. Patil College of Engineering and Technology 16 December 2017
- Resource Person, “C Programming,” D. Y. Patil College of Engineering and Technology 8–9 December 2017

11 Faculty Development Programs

- Workshop on “LIC Report Formats (Point Base),” Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur 15 November 2017
- Faculty Development Program on “C and C++: Industrial Perspective,” Shivaji University, Kolhapur 14–15 July 2017
- Faculty Development Program on “Android Developer Fundamentals,” Shivaji University, Kolhapur 4–8 July 2017

12 Syllabus Development

- Resource Person, “Revised Syllabus in Computer Science at B.C.S.-III Semester VI,” Karmaveer Bhaurao Patil College, Urun-Islampur 9 September 2015
- Resource Person, “Revised Syllabus B.Sc.-III Mathematics Semester V and VI Practicals,” Rajarshi Chhatrapati Shahu College, Kolhapur 3 September 2015
- Workshop on “Revised Syllabus in Computer Science (Theory and Practical) at B.Sc. Part-III (Sem. VI),” Karmaveer Bhaurao Patil College, Urun-Islampur 31 August 2015
- Workshop on “Revised Syllabus in Mathematics at B.Sc.-III (Sem. VI),” Sadguru Gadage Maharaj College, Karad 26 August 2015
- Resource Person, “Revised Syllabus of B.C.S. (Semester V),” Shivraj College, Gadhinglaj 22 August 2015
- Chaired Session, “Revised Syllabus in Mathematics at B.Sc.-II (Sem IV),” Deshbhakt Anandrao Balwantrao Naik Arts and Science College, Chikhali 6 September 2014
- Workshop on “Revised Syllabus of B.Sc.-II Computer Science Paper V and VI,” Shivraj College, Gadhinglaj 14 August 2014