

VINIT ANIL KAKDE

M.Tech., Ph.D (PURSUING).

Assistant Professor,
School of Computer Sciences,
KBC North Maharashtra University,
P.B. No. 80, Umavinagar, Jalgaon.
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1. Personal Details

Date of Birth : May 31st, 1984
Father's name : Anil Baburao Kakde.
Res. Address : Plot No. 6/A, Gat No. 54/1,
Shiv Colony, Jalgaon.
Pin-425002, (Maharashtra), INDIA
Permanent address : Plot No. 6/A, Gat No. 54/1,
Shiv Colony, Jalgaon
Pin-425002, (Maharashtra), INDIA
Languages known : English, Hindi, Marathi

2. Academic Qualification

- **Ph.D. (Pursuing)**
Title: Intelligent Handwriting Generation: Leveraging Deep Learning for Personalized Handwritten Text Synthesis
Education Pursuing From: *KBC North Maharashtra University, Jalgaon (MS), India.*
- **M. Tech. (Information Technology)** September' 2013
Dissertation Title: Performance Analysis Web Cache Algorithms.
Education Pursued From: *Rajiv Gandhi Prodyogik University, Bhopal (MP), India.*
- **B.E.** July' 2007
Subjects: Information Technology

3. Areas of Interest

3.1. Academic Interest

Machine Learning, Database Management System, Operating System, Theory of Computation, Design and Analysis of Algorithms, C++.

3.2. Research Interest

Handwritten Character recognition, Document image analysis, Handwriting synthesis, Deep Learning & Generative AI,

4. Experience

- **Professional:** 13+ yrs.

Name of the Institution	Post-held	Experience in Years	
		From	To
Government College of Engineering, Amravati	Lecturer	07/01/2008	04/10/2010
G. H. Raison College of Engineering, Amravati	Assistant Professor	07/06/2013	23/05/2015
Government College of Engineering, Jalgaon	Assistant Professor	25/05/2013	16/04/2017
KBC North Maharashtra University, Jalgaon	Assistant Professor	10/08/2019	Till Date

- **Research:** (02+yrs).

- **Thesis (M.Tech) Supervision:**

➤ Awarded **M.Tech. Degree to 2 students** under the guidance.

Sr. No.	Name of Student	Topic of Research	Date of Award
1.	Sumit R. Notawale	Advanced platform for Android Application Development	15-11-2014
2.	Shrikant A. Deshmukh	Enhancement of Safety in Cloud Computing Based on Intrusion Tolerance	18-09-2014

5. Publication: 11

International Journals – **11**, Patents – **02**, International Conference – **06**, National Conference – **02** (*List is attached*)

No. of Patents awarded/published: 02

1. Title of Invention: “**The Impact Of Remote Work On Employee Productivity And Job Satisfaction**”, Indian Patent application No. 202521092474 Application Date: 26/09/2025, Publication Date: 10/10/2025.
2. Patent design entitled: “**AI-Driven Student Outcome Tracking Device**”, patent granted by Government of UK with application No. 6413755, filled on 25/12/2024, and granted on 06/01/2025.

International Publication: 11

1. **Vinit Kakde, Sanjay Mishra**, “*Survey of Effective Web Cache Algorithms*”, International Journal of Science and Engineering Investigations, Vol. 1, Issue 2, March 2012, pp. 79–82, ISSN: 2251-8843
2. **Vinit Kakde, Sanjay Mishra**, “*Effective Web Cache Algorithms*”, International Journal of Electronics, Communication and Soft Computing Science & Engineering, Vol. 1, Issue 1, pp. 40–44, ISSN: 2277-9477
3. **Vinit Kakde, A.S. Tiwarkhede**, “*Big Data Analytics*”, International Journal of Science and Research, Vol. 4, Issue 4, April 2015, ISSN: 2319-7064
4. **R.S. Mawale, A. V. Deorankar, V. A. Kakde**, “*A Novel Approach for Converting Relational Database to an Object-Oriented Database: Data Migration and Performance Analysis*”, International Journal of Computational Engineering Research, Vol. 3, Issue 6, June 2013, pp. 101–104, ISSN: 2250-3005
5. **Vinit Kakde, Shrikant Deshmukh**, “*Enhancement of Safety in Cloud Computing Based on Intrusion Tolerance*”, International Journal on Recent and Innovation Trends in Computing and Communication, Vol. 3, Issue 5, 2015, pp. 2728–2731, ISSN: 2321-8169
6. **Vinit Kakde, Sagar Pawar**, “*Review on Steganography for Hiding Data*”, International Journal of Computer Science and Mobile Computing, Vol. 3, Issue 4, April 2014, pp. 225–229
7. **Vinit Kakde, Sumit R. Notawale**, “*Advanced Platform for Android Application Development*”, International Journal on Recent and Innovation Trends in Computing and Communication, Vol. 3, Issue 5, pp. 2594–2598, ISSN: 2321-8169
8. **Shreya Gangane, Vinit Kakde**, “*Based of the Networking Protocol-TCP/IP Its Design and Security Aspects*”, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 4, 2015, ISSN: 2320-9801
9. **Toshan Sabani, Jayant Yavatkar, Divyanand Yadav, Vinit Kakde**, “*Laser Projection Virtual Keyword: A Laser and Image Processing based Human Computer Interaction Device*”, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 3, Issue 7, 2017, ISSN: 2278-1021
10. **Manish Rana, Rahul Khokale, Mahendra Makesar, Vinit Kakde, Ankita Shende**, “*Remote File Sharing system for Education Institution*”, Nanotechnology Perceptions, Vol. 20, Issue 9, 2024, ISSN: 341-348
11. **Vinit Kakde, Rakesh Gedam, Rakesh Ramteke**, “*Handwriting Text Generation with Vision Transformers and Diffusion Models*”, International Journal on Information System Engineering and Management, Vol. 9, Issue 4, 2024, ISSN: 2468-4376

6. Membership and Recognition:

- i) Member of The Indian Society for Technical Education (ISTE), New Delhi, (No. LM-90738).
- ii) Member of IAENG International Association of Engineers (No. 534855)

Recognition:

1. Google Scholar Link:

scholar.google.co.in/citations?user=q84NbSUAAAAJ&hl=en.

7. STTP/ FDP/ Workshop Conference Attended

1. Vinit Kakde, “Performance Analysis of Web Caching Algorithms”, International Conference on Intelligent System & Control, Karpagam College of Engineering, Coimbatore, 4–5 January 2013
2. Vinit Kakde, “Performance Analysis of Web Caching Algorithms using AI”, International Conference on Research & Development Prospects on Engineering and Technology, EGS Pillay Engineering College, Nagapattinam, 29–30 March 2013
3. Vinit Kakde, “LRU-Based Algorithms for Web Cache Replacement”, National Conference on Allied Trends of Engineering for Development of Technological Aspects, College of Engineering & Technology, Dhamangaon, 2 March 2012
4. Vinit Kakde, “Fog Computing: Security of User Data on Cloud”, National Conference on Current Trends in Computer Science & Information Technology, Dhanaji Nana Chaudhari Vidya Prabhodhani, Jalgaon, 9 December 2016
5. Attended **Foundation Program in Cyber Security** at G.H. Raisoni College of Engineering, Amravati during 23/12/2012 to 23/01/2013
6. Participated in **Training on Information Security in a Virtual Training Environment** at ISEA Lab, DeitY, New Delhi during 17/12/2013 to 27/12/2013
7. Participated in **STTP on Pedagogy to Synergogy (An Innovative Strategy for Progressive Education)** at Government College of Engineering, Jalgaon during 22/06/2015 to 26/06/2015
8. Participated in **STTP on Big Data and Cloud Computing** at Sandip Institute of Technology, Nashik during 23/10/2015 to 01/11/2015
9. Attended **Workshop on LaTeX** at Government College of Engineering, Jalgaon during 20/11/2015 to 24/11/2015
10. Attended **Training on Foundation Skills in Information Technology**, Government College of Engineering, Jalgaon during 22/08/2016 to 27/08/2016
11. Participated **STTP on Management Capacity Development Program Based on Pedagogy** at Government College of Engineering, Jalgaon during 17/09/2016 to 21/09/2016
12. Attended **Workshop on Recent Trends in Control Systems, Neural Networks, and Image Processing** at Government College of Engineering, Jalgaon during 14/10/2016 to 15/10/2016
13. Attended **Workshop on TQM and Six Sigma** at Government College of Engineering, Jalgaon during 06/10/2016 to 10/10/2016
14. Attended **Workshop on Advanced Spreadsheet and Data Analysis** at Government College of Engineering, Jalgaon during 19/11/2016 to 21/11/2016
15. Participated in **STTP on Wavelets and Time-Frequency Decomposition** at Government College of Engineering, Jalgaon during 28/11/2016 to 02/12/2016
16. Attended **Workshop on Orientation of NAAC & Grade Calculation Methodology** at Government College of Engineering, Jalgaon during 02/12/2016 to 03/12/2016
17. Attended **FDP on Choice Based Credit System (CBCS), OBE, Curriculum Design,**

and IPR, at Alleppey, Kerala during 29/12/2016 to 02/01/2017

18. Participated in **STTP on E-Learning Tools and Techniques** at Government College of Engineering, Jalgaon during 30/01/2017 to 03/02/2017
19. Attended **Workshop on Green IoT, Computation Methodology, and Automation**, Government College of Engineering, Jalgaon, 20/03/2017 to 24/03/2017
20. Participated in **International Conference on Recent Trends in Engineering and Science** at Government College of Engineering, Jalgaon during 20/01/2017 to 21/01/2017
21. Participated in **STTP on Data Science & Analytics** at IIT Gandhinagar during 17/02/2020 to 27/02/2020.

7.1. Administrative

- ✓ **MIS Nodal Officer**, TEQIP-III, UICT, KBC North Maharashtra University, Jalgaon during 2020 to 2022.
- ✓ **Administrative Officer**, Centralized Assessment Process, KBC North Maharashtra University, Jalgaon from 30/12/2023 to 31/03/2024.
- ✓ **Departmental NAAC Coordinator**, G. H. Rasoni College of Engineering, Amravati during 2014.
- ✓ **Deputy Coordinator, Organising Committee, Avishkar- 2025**, KBC North Maharashtra University, Jalgaon during 2025.
- ✓ **Member of Organising Committee**, Avishkar- 2019, Avishkar- 2022, Avishkar- 2023, KBC North Maharashtra University, Jalgaon during 2019, 2022, 2023.

7.2. Academic

- ✓ **Member** on Departmental Board of Studies for Computer Engineering, Government College of Engineering, Jalgaon during 2015-2016.
- ✓ **Member** on Departmental Board of Studies for UICT KBC North Maharashtra University, Jalgaon during 2024-2025.
- ✓ **Member, Organising Committee, Student Induction Programme**, UICT KBC North Maharashtra University, Jalgaon during 2019, 2022.

7.3. Examination

- ✓ **Member**, Examination Committee, UICT, KBCNMU, Jalgaon during 2019-2022.

7.4. Invitee Talk/ Resource person/ Session Chair/ Expert

1. Delivered a Lecture on “**Cyber Security Awareness**” Conducted by PM shri Kendriya Vidyalaya, Jalgaon on 15/10/2025.

Declaration

I solemnly declare that the given particulars are true to the best of my knowledge and belief.



(Mr. Vinit Kakde)