

## Kumud Wasnik



### Summary

Over 28 years of teaching experience includes subjects like c programming, Data structures, system software, operating system, Database Management System, Advanced Database Management system. Computer Oriented Numerical Method, Computer Architecture and Organization.

### Education

- M.E (Information Technology), Mumbai University, 2007
- B.E (Computer Engineering), Amravati University, 1993
- PHD – Pursuing PHD in Computer Science and Engineering, Madhyanchal Professional University, Bhopal, Madhya Pradesh.

### Technical Skills

**Hardware**     Pentium based machines, Linux based machines

**O. S.**            Windows 10, Linux (Ubuntu 16.0)

**Software**      C, C++,Java

**Tools**            SQL, Postgresql, Vi editor

### Professional Experience

<b>1999- Present</b>	<b>Usha Mittal Institute Of Technology ,SNDT Women's University</b>	<b>Associate Professor</b>
<b>Description</b>	Have taken subjects such as C programming, Data structure, Operating System, System Software, System Programming, Database Management System, Computer Oriented Numerical Method, Advanced Databases, Computer Architecture and Organization, Cloud Computing.	

	<p>Activities involved in</p> <ul style="list-style-type: none"> <li>• <b><u>Departmental Activities</u></b> <ul style="list-style-type: none"> <li>○ Academic Time -Table In-charge</li> <li>○ Seminar, Mini Project, Major Project Coordinator</li> <li>○ Internal-External Practical Time-Table In-charge</li> <li>○ M. Tech Seminar, Mini Project, Major Project Coordinator</li> <li>○ Unit Test Coordinator</li> <li>○ Major and Mini Project Guides</li> <li>○ M.Tech Major and Mini Project Guides</li> <li>○ University Paper Setter and Evaluator for subjects taught</li> <li>○ Class Advisor to mentor , guide and co-ordinate students day to day activities</li> <li>○ Departmental purchase Committee</li> <li>○ NEP Coordinator</li> </ul> </li> <li>• <b><u>College Level Activities</u></b> <ul style="list-style-type: none"> <li>○ Lab In-charge GCC1,Research Lab</li> <li>○ University releated Exam Work</li> <li>○ Women's Grievance Committee (2016-2018)</li> <li>○ Internal Complaint Committee (2017-2018)</li> <li>○ Design Python programming Language certificate course</li> <li>○ Design Advanced Operating System course</li> </ul> </li> <li>• <b><u>Other Activities</u></b> <ul style="list-style-type: none"> <li>○ University releated Exam Work</li> <li>○ Women's Grievance Committee (2016-2018)</li> </ul> <p style="text-align: center;"><b>Internal Complaint Committee (2017-2018)</b></p> </li> <li>• <b><u>Paper Published</u></b> <ol style="list-style-type: none"> <li>1. "Cloud-Based DNA cryptography: Advancing data protection paradigms", Shirley Castelino, Simran Gupta, Archana Kalathiya, Kumud Wasnik, International Journal of Novel Research and Development, An international open access, Peer-reviewed, Referred Journal, May,2024, ISSN:2456-4184, Impact factor 8.76.</li> <li>2. "Word Canvas: Text-to-Image Generation", Pranjali Avhad, Pratiksha Barman, Kumud Wasnik, International journal of Scientific Research in Engineering and management, May,2024, ISSN:2582-3930,DOI:10.55041/IJSREM32152,Impact factor 8.448.</li> <li>3. "Chatify: Communication system using Blockchain and Cryptography", Varuni Kulkarni, Shivani Mishra, Pragati Nawadkar, Kumud Wasnik, International Journal of Research publication and Reviews, April, 2024, ISSN:2582-7421, Impact factor5.536.</li> </ol> </li> </ul>
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	<ol style="list-style-type: none"> <li>4. “Visual Truth: Deepfake video Detection system Using Deep Learning”, Samrudhi Bagave, Guri Raut, Surbhi Raut, Kumud Wasnik, International journal of Scientific Research in Engineering and management, May,2024, ISSN:2582-3930, DOI:10.55041/IJSREM32384, impact factor 8.448.</li> <li>5. “Cryp Taxi- Decentralized Ride-hailing System using Blockchain”, Sakshi Kelshikar, Mansi Sambare, Shruti Rajput, Kumud Wasnik, Journal of information and Computational Science, UGC-Care Group – II Certified Journal, April,2023, ISSN: 1548-7741,impact factor 6.2.</li> <li>6. “Fake Product Detection using Blockchain”, Tejashri Mitbavkar, Swarangi Pedamkar, Saloni Kuvalekar, Kumud Wasnik, International journal for Research in Applied science &amp; Engineering Technology (IJRSET), April,2023, ISSN: 2321-9653; IC value:45.98, impact factor7.538.</li> <li>7. “Virtual Mouse using hand Gesture Recognition”, Kumud Wasnik, International Research Journal of Engineering &amp; Technology, April,2022, e-ISSN:2395-0056, An ISO9001:2008 Certified Journal, impact factor7.529.</li> <li>8. “Refugee Do- A Hand to the Deserving”, Aayushi Mehata, Kumud Wasnik, International Research Journal of Engineering &amp; Technology, May,2022, e-ISSN:2395-0056, An ISO9001:2008 Certified Journal, impact factor7.529.</li> <li>9. “Online storage, Retrieval &amp; Authentication of Healthcare Documents using Ethereum Blockchain”, Sai Slegghana bala, Bhavya Prasad, Anjali Jadhav, Kumud Wasnik, IEEE International Conference on Blockchain and Distributed Systems Security, September 16-18, 2022.</li> <li>10. “Land Administration System using Hyperledger Fabric”, Gudiya Pilare, Prachurya Mohanty, Kumud Wasnik, IEEE Conference IC3SIS’22, 23rd-25th June2022.</li> <li>11. “Real Time Automated Traffic Signal Controller”, Manasi Adsul, Isha Chhawchharia, Nidhi Chauhan, Kumud Wasnik, Journal of Emerging Technologies and Innovative Research, An International open access journal, peer-reviewed, Refereed journal, June. 2021, IssN: 2349-5162.</li> <li>12. “Hand Bone Age Estimation using Energy based Segmentation and Machine Learning”, Nikita Mahajan, Kalyani Mahajan, Manya Nagariya, Kumud Wasnik, International Research Journal of Modernization in Engineering Technology and Science, June. 2021, e-ISSN:2582-5208.</li> <li>13. “Solid waste segregation using deep learning techniques”, Sayali Naik, Apurva Chitgopekar, Kumud Wasnik, Journal of Information and</li> </ol>
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	<p>Computational Science, June. 2021, ISSN 1548-7741.</p> <p>14. "An NLP based research project to facilitate the building of an ATLAS of learning.", Smita Mishra, Kairavi Shetty, Rakshanda Jathade, V. Nagarajun, Kumud Wasnik, International Journal of Advance Research in Science, communication and Technology, May, 2020, ISSN 2581-9429, impact factor 5.06.</p> <p>15. "Design and implementation of college student information android application", Trupti Bade, Swapnali Avhad, Kumud Wasnik, International Research Journal of Engineering &amp; Technology, June, 2020, P- ISSN 2395-0072, impact factor 7.529.</p> <p>16. "Cyber bullying detection on twitter mining", Maithili Parulekar, Saloni Wade, Kumud Wasnik, International Research Journal of Engineering &amp; Technology, July, 2020, P- ISSN 2395-0073, impact factor 7.529.</p> <p>17. "Prediction of Building Structure age using machine learning", Neha Mahajan, Darshana Patil, Apurva Kotkar, Kumud Wasnik, International Journal of Advance Research, Ideas &amp; innovations in Technology, May-June, 2019, ISSN 2454-132X, impact factor 4.295.</p> <p>18. "Pen drive-based password management system for online accounts", Samrudhi Patil, Kumud Wasnik, Sudhir Bagade, IEEE Kolkata section Springer, International Conference on Emerging Technologies in data mining and information security, 23rd-25th February ,2018.</p> <p>19. "Comparison of Multi Document Summarization Techniques-A survey", Ms Heena patil, Prof. Kumud Wasnik, International Journal of Science and Research impact Factor 2015:6.391, Vol.6, Issue 2, February 2017.</p> <p>20. "A survey on Existing Pass ward storage Methods and their security", Ms. Samruddhi Patil, Prof. Kumud Wasnik, International Journal of Science and Research, Vol.6, Issue 4, April 2017.</p> <p>21. "Comparison of SQL, NoSQL and NewSQL Databases in light of Internet of Things," Ms. Haleemunnisa Fatima, Prof. Kumud Wasnik, IEEE Bombay section Symposium, Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering &amp; Technology December 21st – 22nd ,2016.</p> <p>22. "Comparison of SQL, NoSQL and NewSQL Databases in light of Internet of Things – A survey", Ms. Haleemunnisa Fatima, Prof. Kumud Wasnik, International Conference Academics on Computer science and Information Technology, ISO:9001:2008 certified, Vol.3,</p>
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	<p>Issue 3,31st January 2016, ICACSIT Pune.</p> <p>23. “A survey on Load balancing algorithms in cloud Computing”, Ms. Harshda Raut, Prof. Kumud Wasnik, International Journal of Advanced Technology in Engineering and Science, vol.3, Issue 1, pages (760-765), March 2015, ISSN 2348- 7550.]</p> <p>24. “A survey on security Issues and security schemes for cloud and Multi-cloud Computing”, Ms. Prajakta Sadafule, Prof. Kumud Wasnik, International Journal of Emerging Engineering Research and Technology,2015, vol.3, Issue 5,</p> <p>25. “Load balancing in cloud computing using Ant colony Optimization”, Ms. Harshda Raut, Prof. Kumud Wasnik, International Journal of Innovation Research in computer and communication Engineering, vol.3, Issue2, pages (12832- 12837), December 2015, ISSN 2320-9801.</p> <p>26. “Multi- Cloud security using one time password by Genetic Algorithm”, Ms. Prajakta Sadafule, Prof. Kumud Wasnik, International Journal of Innovative Research in Computer and Communication Engineering, vol.=3, Issue 12, pages (12276- 12281), December 2015, ISSN 2320-9801.</p> <p>27. “Usefulness of open-source software in Education Technology to achieve goals in Education for all”: Prof. Kumud Wasnik. National Conference on Education for all Indian council of Social Science Research ,2nd March 2013.</p>

<b>1997-1998</b>	<b>Institute Of Technology for Women,SNDT Womens University</b>	<b>Lecturer(Adoch)</b>
<b>Description</b>	Have taken subjects such as C programming,Data structure,	
	<p>Activities involved in</p> <ul style="list-style-type: none"> <li>• <b><u>Departmental Activities</u></b> <ul style="list-style-type: none"> <li>○ Class Advisor to mentor,guide and co-ordinate students day to day activities</li> <li>○ Lab In-charge of computer center</li> <li>○ cultural activities</li> </ul> </li> <li>• <b><u>College Level Activities</u></b> <ul style="list-style-type: none"> <li>○ Develope Computer lab for students.(1998)</li> </ul> </li> </ul>	
<b>1996-1997</b>	<b>Premila Vithaldas Polytechnic,SNDT Womens University</b>	
<b>Description</b>	Have taken subjects such as Microcontrollor ,Pascal programming.	
<b>1993-1994</b>	<b>Government Polytechnic Bandra, mumbai (Visiting)</b>	

<b>Description</b>	Have taken subjects such as Digital logic Circuit,programming Language.
<b>1994-1995</b>	<b>VJTI,Mumbai , (visiting)</b>
<b>Description</b>	Have taken subjects such as Microprocessor, C programming,Computer oriented numerical method.

**Personal Profile:**

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**E-MAIL- KUMUD.WASNIK@UMIT.SNDT.AC.IN**

**Date of Birth** : **3<sup>rd</sup> January 1968**

**Marital Status** : **Married**