

Ph. D. CSE with 16 Year Experience in Teaching

MANOJ EKNATH PATIL

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CAREER PROFILE

- **Doctor of Philosophy (Ph. D)** Examination Dec 2017
 - Branch - Computer Science and Engineering
 - University : Jodhpur National University, Jodhpur
- **Master of Technology (M. Tech)** – Examination Dec-2008
 - Branch- Computer Science and Engineering.
 - Class – **First (67.20%)**
 - College – Samrat Ashok Technological Institute (Engineering College), Vidisha.
 - University – Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal.
- **Bachelor of Engineering (B.E)** – Dec 2000
 - Branch - Computer Engineering
 - Class – **First (60.35%)**
 - College – SSVPS's Late Bapusaheb Deore College of Engineering, Dhule.
 - University – North Maharashtra University, Jalgaon.

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- **Diploma in Computer Engineering** – July 1996
 - Branch - Computer Engineering
 - Class – **First (65.36%)**
 - College – Puranmal Lahoti Govt. Polytechnic, Latur
 - University/ Board – Board of Technical Examinations, Maharashtra State

PERSONAL DETAILS

Name	Manoj Eknath Patil
Father's Name	Eknath Kashinath Patil
Sex	Male
Date of Birth	6 th October 1975
Age	43
Marital Status	Married
Linguistic Proficiencies	English, Hindi, Marathi.
Permanent Address	Plot No 4 Gat No 20/2, Nivruttinagar, JALGAON-425 001 (Maharashtra State-INDIA)

WORK EXPERIENCE

Teaching Experience (UG – 16 Years, PG- 9 Years)

- 1) Currently Working as Associate Professor at SSBT's College of Engineering and Technology, Bambhori, from 01/07/2012.

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- 2) Worked as Assistant professor at SSBT's College of Engineering and Technology, Bambhori, from 01/03/2009 to 30/06/2012. (Approved by NMU Jalgaon Ref no NMU/18/1065/2009 dated 10/09/2009)
- 3) Worked as Lecturer at SSBT's College of Engineering and Technology, Bambhori, from 02/12/2002 to 28/02/2009. (Approved by NMU Jalgaon Ref no NMU/18/J-4/4298/2004 dated 02/09/2004).

Industrial Experience

- 1) Worked as a Hardware Engineer at Network Computers Jalgaon from 17/01/2001 to 20/11/2002

AREAS OF INTEREST

- **Academic Interest**

System Programming, Software Engineering, Software Metrics and Quality Assurance, Software Testing and Quality Assurance, Software Project Planning, Enterprise Resource Planning, Introduction to Computing.

- **Research Interest**

Image Processing and Pattern Recognition, Feature Extraction, Image Retrieval, Object Recognition, Signature Recognition, Signature Classification, Computer Networking, Communication.

Publication / Presentation in National/International Journal/Conference

1. Bhagyashree Patil, Manoj E. Patil, "A Review on Implementation of Sandhi Viccheda for Sanskrit Words", IJCRT | International Conference Proceeding ICGTETM Dec 2017 ISSN: 2320-2882 IJCRT Publish Paper record is available at DOI: <http://doi.one/10.1727/IJCRT.17184>
2. Ashwini Kothawade, Manoj E Patil , "Review on Cargo Space Optimization Methodologies", International Journal of Computer Applications (0975 – 8887) Volume 162 – No 3, March 2017, <https://www.ijcaonline.org/.../volume162/number3/kothawade-2017-ijca-913323.pdf>
3. Savadekar Vinaya B, Patil Manoj E, "Improved Recommendation System with Review Analysis", International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICGTSPICC), 2016, 978-1-5090-0467-

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<https://ieeexplore.ieee.org/document/7955273>

4. Patil Jyoti T, Patil Manoj E,” Cargo space optimization for container”, International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICGTSPICC), 2016, 978-1-5090-0467-6/16/\$31.00 ©2016 IEEE
<https://ieeexplore.ieee.org/abstract/document/7955271>
5. Chaudhari Swati, Patil Manoj E , “Multilayer Fuzzy Inference System for Air Conditioner”, 2015 International Conference on Computing Communication Control and Automation 978-1-4799-6892-3/15 \$31.00 © 2015 IEEE DOI 10.1109/ICCUBEA.2015.174
<https://ieeexplore.ieee.org/abstract/document/7155972>
6. Chaudhari Swati R, Patil Manoj, “ Comparative Analysis of Fuzzy Inference Systems for Air Conditioner”, International Journal of Advanced Computer Research (ISSN (Print): 2249-7277 ISSN (Online): 2277-7970) Volume-4 Number-4 Issue-17 December-2014
<https://pdfs.semanticscholar.org/f7f1/3e5443c8eae7dbb319441da7690c2f6549c2.pdf>
7. Chaudhari Swati, Patil Manoj, “Study and review of fuzzy inference systems for decision making and control”, American International Journal of Research in Science, Technology, Engineering & Mathematics, ISSN (Print): 2328-3491, ISSN (Online): 2328-3580, ISSN (CD-ROM): 2328-3629
http://www.academia.edu/download/33185176/AIJRSTEM14-147_.pdf
8. PatilKavita Tukaram, Patil, Manoj E “Improve the Security of CGA using Adjustable Key Block Cipher based AES, to Prevent Attack on AES in IPV6 over MANET”, (GCWCN), IEEE Global Conference on Wireless Computing and Networking, 2014
<https://ieeexplore.ieee.org/abstract/document/7030867>
9. Patil Kavita Tukaram, Patil, Manoj E “Study of Attacks in MANET, Attacks on AES, Cryptographically Generated Addresses (CGAs) Methods and Possible Alleviation in IPV6 over MANET Area” International Journal of Computer Applications (0975 – 8887) Volume 96– No.1, June 2014
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.671.1485&rep=rep1&type=pdf>
10. Vishal R. Deshmukh , G.K.Patnaik and M.E.Patil , “Real-Time Traffic Sign Recognition System based on Colour Image Segmentation” ,International Journal of Computer Applications (0975 – 8887) Volume 83 – No3
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.401.7842&rep=rep1&type=pdf>
11. Vishal R. Deshmukh , and M.E.Patil, “Survey of Various Techniques of Image Segmentation ”, International journal of Computing July-2013

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12. Dipti V Patil, Manoj Patil,” Transmission Of Compressed Image Over Wireless Network: An Embedded Approach Using ARM9 Processor”, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 2 Issue 7 July – 2013
<http://www.academia.edu/download/32657962/IJERTV2IS70199.pdf>
13. Pankaj D.Thakur, M.E.Patil, “Recognition Of Traffic Symbols Using K-Means And Shape Analysis”, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 2 Issue 5, May – 2013.
<https://www.ijert.org/phocadownload/V2I5/IJERTV2IS50057.pdf>
14. M. E. Patil, Snehal Bhole” A Comparative Study of Vegetation Change Detection Methods NDVI and LULC with use of Satellite Images”, International Journal of Engineering and Innovative Technology (IJEIT) Volume 2, Issue 3, September 2012.
http://www.ijeit.com/vol%202/Issue%203/IJEIT1412201209_45.pdf
15. Manoj E Patil, Megha V Borole, , “Signature Recognition Using Krawtchouk Moments”, International Conference on Sunrise Technologies”, Third International Conference on Computing Communication & Networking Technologies (ICCCNT), 2012.
<https://ieeexplore.ieee.org/abstract/document/6395947/>
16. PankajD.Thakur, M.E.Patil, “ Traffic symbol recognition by means of image segmentation”, World Journal of Science and Technology 2012, 2(3):137-139 ISSN: 2231 – 2587
<http://scholar.google.com/scholar?cluster=11589211486304390892&hl=en&oi=scholar>
17. Manoj E. Patil,, Ravi N. Mulchandani, Ravikumar R. Ahuja,” Design and Implementation of Graphical User Interface for Relational Database Management System”, International Journal of Computer Science and Information Technologies, Vol. 3 (3) , 2012,3871-3874, ISSB-0975-9646
<http://www.academia.edu/download/32203682/ijcsit2012030306.pdf>
18. Ritesh Sonawane ,Manoj E. Patil,” An effective stroke feature selection method for online signature verification“, Computing Communication & Networking Technologies (ICCCNT), 2012 Third International Conference.
<https://ieeexplore.ieee.org/abstract/document/6395926>
19. M. E. Patil, Sarkarsinha Rajput, “Study and Performance Evaluation of SH-ANM And SH-ANM-E”, International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, Volume 2, Issue 3,). March 2012.
http://www.ijetae.com/files/Volume2Issue3/IJETAE_0312_55.pdf
20. M. E. Patil, Ritesh Sonawane” Stroke Feature Selection Method for Signature

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- Verification”, National Conference on Emerging Trends in Computer Technology , RCPIT Shipur, April 21, 2012
21. M. E. Patil,”Access Control System Developed With Human Body Communication Technology: Red Tacton.”, International Conference on Engineering Research and Application(ICEAR-2012)
 22. M. E. Patil, ”Call Admission Control Scheme for Channel Allocation in Wireless Cellular Network.”, International Conference on Engineering Research and Application(ICEAR-2012)
 23. Megha V Borele, Manoj E Patil, K.P.Adhiya “Improvement of Software Testing Management by Architecture oriented Methodology”, International Journal of Emerging Technologies and Applications in Engineering, Technology and Science (IJ-ETA-ETS) ISSN: 0974-3588 | April 2010PP 86-90.
 24. M. E. Patil, Nilima Patil ” Methodologies Use of Handwritten Davnagri Character Recognition”, National Conference on Recent Trends in Computer Engineering , Communication , IT and Management 2010 (NCRT 2010). 19-20 Feb 2010
 25. Ashish T Bhole, K.P.Adhiya, Manoj. E. Patil, , “Pattern Based Software Reusing by Architecture-Centric Software Process”, National Conference, SSBT’s College of Engg. & Tech. Bambhori, Jalgaon, 29th March, 2010.
 26. Manoj. E. Patil, Amol P Chaudhari, Satpalsing Rajput, “Enhancements in Antenna Systems”, National Conference, SSBT’s College of Engg. & Tech. Bambhori, Jalgaon, 29th March, 2010.
 27. Manoj. E. Patil, Ms. Samreen Quazi, Ms Vandana Sharma, “Green Computing”, National Conference, SSBT’s College of Engg. & Tech. Bambhori, Jalgaon, 29th March, 2010.
 28. Yogendra Kumar Jain, Manoj E Patil, “Intrusion Detection using Averaged Classification tree Algorithm: Data Mining Technique”, in Proc. Of International Conference on Emerging Trends in Computing, ICETiC, Virudhunagar, Tamilnadu, India, pp. 5-8, 8-10 Jan, 2009

Participation in STTP/Workshops/Training/Seminars/Conferences program since date of joining:

1. Three Days workshop on "Artificial Intelligence and Deep Learning" at KLE Tech University, Hubli, from 11-13 Sept 2018.
2. One day national workshop on " Moodle: E-Learning and E-Content Management for Modern Education System” at SSBT's College of Engg. And Tech., Bambhori,

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Jalgaon, on 25th March 2017

3. Three Days workshop Self Awareness and Teamwork at SSBT's College of Engineering and Technology Bambhori, Jalgaon, from 2nd march to 4th March 2016
4. One week National Workshop On Security and Privacy: Theory and Practices at NIT GOA from 16 June to 21 June 2016.
5. One day Syllabus Setting Workshop at RCPIT Shirpur on 10/04/2015
6. One day Syllabus Setting Workshop at RCPIT Shirpur on 27/01/2014
7. Two Week Faculty development on Android Programming from 16 to 25 December 2014 at IMR Jalgaon
8. One Week Faculty Development Program on "Open Source Software" from 07/07/2017 to 12/07/2014 at SSBT's College of Engineering and Technology BambhoriJalgaon
9. Two-Week ISTE Workshop on "Database Management System" at SSBT's COET, Bambhori, Jalgaon in coordination with Indian Institute of Technology, Bombay, from 21 to 31 may 2013.
10. One Week Faculty Development Programme on Cloud Computing and It's Application Domain at SSBT's COET, Bambhori, Jalgaon in association with Computer Society of India (CSI), 21-25 Jan 2013
11. Two-day ISTE & NME-ICT (MHRD) Workshop on Akash for Education at SSBT's COET, Bambhori, Jalgaon in coordination with Indian Institute of Technology, Bombay, 10-11 Nov 2012
12. National Workshop on A-VIEW conducted , on 17 Oct 2012
13. UGC-SAP Sponsored National Seminar On "Natural Language Processing and Image Processing", NLP-IP-2012 at Department of Computer Science, NMU, Jalgaon, 16-17 Jan 2012
14. ISTE-STTP on "System Analysis and Design" at GF's Godavari College Of Engineering, Jalgaon, 2-6 Jan 2012
15. Three Days National Level Workshop on Research Methodology at SSBT's COET, Bambhori, Jalgaon, 17-19 Oct 2011
16. Two Days National Workshop on MATLAB Applications at SSBT's COET, Bambhori, Jalgaon, 5-6 Mar 2011.
17. One day Training Program on Disaster Management In Association with National Safety Council Mumbai at COET Bambhori& National Safety Council Mumbai (Ministry of Labor), 23 Jan 2010

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18. One Day National Conference on INDIA LabVIEW CONFERENCE 2009 at National Instruments , Pune & KCE's COEIT Jalgaon, 02 Dec 2009
19. Three Days Teacher Training Workshop "Shram Sadhana" at SSBT's COET , Bambhori & Deepstambh Foundation, Jalgaon, 09-11 July 2009
20. One week AICTE-ISTE Sponsored STTP on Emerging Trends in DSP at SSBT's COET, Bambhori, Jalgaon, 30 March -03 April 2009

MEMBER OF TECHNICAL ORGANIZATIONS/INSTITUTIONAL BODIES

1. International Association of Engineers (**IAENG**), Member Number-112761.
2. Computer Science Teachers Association(**CSTA**), Member Number -5352144.
3. Internet Society (**ISOC**), Registration no. 385678

BOOK PUBLICATION

1. **Database Management Systems**, Co-Author- Sanjay S. Gharde, Prakash Publication, February, 2011, ISBN no.: 978-93-81188-01-9.
2. **Software Metrics and Quality Assurance**, Co-Author- D. K. Kirange, Prakash Publications, 2009-10

EXTRA-CURRICULAR

1. Worked as Deputy Presiding officer for GATE -2018 Examination
2. Paper Setter at Govt. College of Engineering Aurangabad for UG CSE.
3. Worked as a Examiner for PG CSE at Govt. College of Engineering Aurangabad.
4. Worked as a Examiner for PG CSE at BAMU, Aurangabad
5. Worked as a college team leader , Avishkar-2017(Phase-II) at NMU Jalgaon.
6. Conducted ONE day workshop in "MOODLE Administration" for the Faculty Members on 22 Feb 2017 at SSBT's College of Engg. and Tech. Bambhori Jalgaon.

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7. Worked as Organizing committee member for Yuvarang 2015, University Level intercollegiate Youth Festival during 7th to 10th Jan 2016 , organized by North Maharashtra University, Jalgaon
8. Actively participated in NAAC Accreditation Process in SSBT's COET Bambhori, Jalgaon
9. Worked as an Subject Expert in approval committee for the Approval Interview at Gangamai College of Engineering Nagaon.
10. Worked as System Administrator for Two Week ISTE Workshop on Signals and Systems conducted by IIT Kharagpur from 2nd to 12th Jan 2014(Under NMEICT, MHRD).
11. Organized Online Test in IT department of SSBT's College of Engineering and Technology, Bambhori, Jalgaon for Campus Drives of Synergy Services Pvt. Tech, Mumbai, HCL Infotech, NASSCOM (NAC-TECH) in 2011-12.
12. Organized Two Days Workshop on Aakash in Education for Teachers.
13. Organized Four Days Workshop on "Aakash Android Application Programming" for students.
14. Coordinated Two Week ISTE Workshop on Introduction to Research Methodologies Conducted by IIT, Bombay from 25th June to 4th July 2012(Under NMEICT, MHRD).
15. Coordinator for Aakash Project at college Level.
16. Organizer for the workshops of Spoken – Tutorials project for our college.
17. Chairman and Member, Board of Paper Setters and Examiners, North Maharashtra University, Jalgaon.
18. Actively participated in NBA Accreditation Process for three times (2005, 2008 and 2013) in SSBT's COET Bambhori, Jalgaon.
19. ARC member (Engineering, Architecture, Hotel Management Admission Process by DTE, Mumbai) in SSBT's COET Bambhori, Jalgaon.
20. Project Guide and Seminar Guide at UG & PG level.

Contribution as a resource person for Workshop / Seminar / Expert Lecture

1. Contributed as a resource person in three days TEQUIP-III Faculty Development Program on "Research Methodology and Applications of LaTeX in the field of

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Engineering and Technology”, from 14th to 16 Oct 2018, at Raj Engineering College Jodhpur organized by Rajasthan Technical University.

2. Contributed as a resource person in one day FDP on Moodle Administration on 22nd August 2017 at Moolji Jaitha College, Jalgaon
3. Contributed as a resource person in Two Days TEQUIP-II Faculty Development Program on “LaTeX:- A document preparation software” on 14th and 15th Nov 2016at Government Engineering college Aurangabad.
4. Delivered a guest lecture on Software Testing and Quality Assurance to he PG students on 9th Oct 2011 at Rasoni College of Engineering and Management, Jalgaon.
5. Conducted one day seminar on *Introduction to Computers and Internet* under Computer Literacy in Rural Area Program at Sant Muktabai Arts and Commerce College, Muktainagar, Dist. Jalgaon on dated 09/09/2007.

Others:

1. Worked in various committee as Coordinator/Member :
 - i. Coordinator, Aakash Project.
 - ii. Member, Campus Networking Committee.

I do hereby declare that all the information given above is true to the best of my knowledge and belief.

Signature

Manoj Eknath Patil