

Resume

Sandip Shankarrao Patil, **AMIE, B.E., M.Tech.(CSE)**

Completed BE in Computer Engineering, M.Tech. in Computer Science & Engineering, having more than 16 years of Teaching Experience at North Maharashtra University affiliated Engineering Colleges.



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Sandip Shankarrao Patil "Kusumai" Gat no 95/1, Plot No 12, Hirashiva Colony, Khote Nagar, Nimkhedi Shivar Jalgaon , 425001	Contact Number:	09420347893
	Date of Birth:	January 20 th 1980
	Category:	General (OPEN)

CAREER PROFILE

Educational Qualification
Master of Technology (M. Tech) in Computer Science & Engineering and Bachelor of Engineering (B.E) in Computer Engineering

TEACHING EXPERIENCE

Employer	Designation	Pay Scale & Basic Salary	Date of Joining	Date of Leaving	Teaching Experience	Subjects Taught
SSBT's College of Engineering & Technology, Bambhori, Jalgaon (A Grade College & NBA Accredited Computer Branch)	Associate Professor (Approved by NMU, Jalgaon as per letter NMU/18/1066/2009 dated 30/09/2009)	37400-63000 AGP: 9000/-	02/07/2012	Working		UG (BE) Artificial Intelligence PG: (ME) Advanced Software Engg, Soft Computing
SSBT's College of Engineering & Technology, Bambhori, Jalgaon (A Grade College & NBA Accredited Computer Branch)	Assistant Professor (Approved as a Asst. Prof. by NMU,	15600 – 38500 AGP:8000/-	01/07/2009	Get Promotion at the Post	3 Years	UG(BE) Artificial Intelligence

NBA Accredited Computer Branch)	Jalgaon as per letter NMU/18/1066 /2009 dated 30/09/2009)			of Associate Professor from 02/07/2012		PG: (ME) Advanced Software Engg, Soft Computing
SSBT's College of Engineering & Technology, Bambhori, Jalgaon (A Grade College & NBA Accredited Computer Branch)	Lecturer (Approved as a Lecturer by NMU, Jalgaon as per letter NMU/18/J-4/4297/2004 dated 02/09/2004)	8000-275-13500 Basic Rs 11015/- +DP+DA+HRA 8000-275-13500	12/02/2004	Get Promotion at the Post of A.P. from 01/07/2009	6 Years	Artificial Intelligence , System Programming. Micro-II,III Advanced Comp. Arch., DBMS
Godavari College of Engineering, Jalgaon.	Lecturer	8000-275-13500 Basic Rs. 8550/- +DA+HRA	01/06/2003	11/02/2004	08 Months	Artificial Intelligence , DBMS
J.T.Mahajan College of Engineering, Faizpur .(A Grade College & NBA Accredited)	Lecturer	Basic Rs. 8275/- 8000-275-13500 +DA+HRA	19/07/2002	31/05/2003	01 Years	Artificial Intelligence , DBMS , ACA, C.N.
Shree. Sureshdada Jain College Of Engineering, Jalgaon	Lecturer	8000-275-13500 Basic Rs. 8000/- +DA+HRA	01/08/2001	18/07/2002	01 Years	Artificial Intelligence , DSD, Software Eng.

Total Teaching experience: 16 Years (At University Affiliated Engineering Colleges)

• **Revenue Generated**

- Successfully conducted OnScreen Evaluation of North Maharashtra University, Engineering and Pharmacy Answer sheets of Nov-Dec 2015 Examinations at SSBT's College of Engineering & Technology Bambhori Jalgaon from 27th November 2015 to 13th January 2016 and Generated a Revenue for College of Rs. 5,19,828/- for the utilization of IT Infrastructure.
- Successfully conducted OnScreen Evaluation of North Maharashtra University, Engineering and Pharmacy Answer sheets of May-June 2016 Examinations at SSBT's College of Engineering & Technology Bambhori Jalgaon from 10th April 2016 to 13th July 2017 and Generated a Revenue for College of Rs. 6,68,412/- for the utilization of IT Infrastructure.

- **Certification**

Completed the NPTEL Certification of the course Applied Linguistic with a consolidated score of 61% conducted by IIT Madras from July to October 2016.

- **SPECIAL WORK EXPERIENCE (Workshops and Expert Lectures Conducted)**

1. Conducted Workshop on “Techniques & Tools for Data Analysis- University Result analysis as a Case Study” for the Faculty of Engineering at SSBT’s College of Engg. & Tech. Bambhori, Jalgaon on 21st Feb. 2017.
2. Worked as Coordinator of Registration Committee for **Yuvarang-2015**, Intercollegiate Youth Festival of North Maharashtra University, Jalgaon organized on 7th to 10th January 2016.
3. Worked as a **PROJECT OFFICER** for the Central Assessment Program 2011(CAP) for Engineering & Technology Faculty at Examination House of North Maharashtra University Jalgaon , during 22 Jan – 20 Feb 2012.
4. Organized and Contributed in **National Creativity Aptitude Test 2012 (NCAT-2012)** conducted by I.I.T. Delhi & International Forum for Excellence in Higher Education(IFEH)E on 21st of April 2012 and achieved the appreciation.
5. Worked as a **PROJECT OFFICER** for the Central Assessment Program 2012(CAP) for Engineering & Technology Faculty at Examination House of North Maharashtra University Jalgaon , during 24 May – 09 July 2012.
6. Worked as a **Visiting Faculty** at G.H.Raisoni Institute of Engineering Jalgaon for teaching the subjects Advanced Software Engineering(Sem-I) & Soft Computing (Sem-II) at M.E.(Computer Science & Engineering) in the academic year 2011-12.
7. Worked as a **PROJECT OFFICER** for the Central Assessment Program 2013(CAP) for Engineering & Technology Faculty at Examination House of North Maharashtra University Jalgaon , during 08 Jan – 31 Jan 2013.
8. Delivered Expert lecture on “**Neural Networks and Fuzzy Logic**” at SSVP’s B.S.Deore College of Engineering Dhule on 16th Feb. 2013 for T.E. & B.E. Students.
9. Delivered Expert Lecture on “**Robotics**” at Government Polytechnic Jalgaon for Third Year Students
10. Conducted Two Days Workshop on LaTeX for Computer and I.T. Engineering Faculty at SSBT’s College of Engineering & Technology Bambhori Jalgaon on 12th and 13th July 2014.
11. Conducted Two Days Workshop on LaTeX for T.E. Computer Engineering students at SSBT’s College of Engineering & Technology Bambhori Jalgaon on 10th and 11th March 2014.
12. Conducted Two Days Workshop on LaTeX for S.E. Computer Engineering students at SSBT’s College of Engineering & Technology Bambhori Jalgaon on 8th and 9th April 2014.

13. Conducted Two Days Workshop on LaTeX for Mechanical Engineering Students at SSBT's College of Engineering & Technology Bambhori Jalgaon on 7th and 8th September 2014.
14. Conducted Workshop on LaTeX for Mechanical Engineering Students at SSBT's College of Engineering & Technology Bambhori Jalgaon on 10th October 2014.
15. Conducted Two Days Workshop on LaTeX and SPSS Clementine at Government College of Engineering Chandrapur under TEQIP-II(DTE Indexed) on 17th and 18th October 2015.
16. Worked as an **ADMINISTRATIVE OFFICER** for the Onscreen Evaluation (CAP) for Engineering & Technology/Pharmacy Faculty at Nov-Dec 2015, Examinations of North Maharashtra University Jalgaon, during 27th Nov. – 31 Jan 2015.
17. Conducted Seminar on Career in Engineering Education at Gram Vikas Arts & Science Junior College Pimpalgaon(Hare), Tal: Pachora, Dist: Jalgaon on 2nd December 2015.

- **Research Project Details**

Sr. No.	Funding Agency	Title	Period	Amount	Status
1	Shram Sadana Trust , Bombay	Extraction of Human Emotions from News Headlines	2 Years	52000/-	Sanctioned and Work is in progress
2	AICTE New Delhi	Staff Development Programme(SDP)- Workshop on Embedded System: The Present Scenario	1 Week (2-6 Jan , 2012)	2,50000/-	Applied on 07/02/2010 u/s 2(F) & 12(B) of UGC Act,1956

PROFESSIONAL MEMBERSHIP

1. Member of IEEE, Membership No: 93325703
2. Life Associate Member of Institution of Engineers (AMIE) Membership No: AM122673-0
3. Member of Review Committee and Editorial Board of International Journal of Engineering and Technology (IJET) Singapore hosted by International Association of Computer Science and Information Technology (IACSIT) Singapore.
4. Life Member of International Association of Computer Science and Information Technology (IACSIT) Singapore. Member No.80331545.
5. Life Member of International Association of Engineers Membership No: 113521
6. Associate Member of Indian Society for Technical Education (ISTE), New Delhi .AM-77465
7. Chairman Board of Paper Setters of North Maharashtra University Jalgaon, Jalgaon for 03 subjects (AI,ACA, Microprocessor-III).

AWARDS/ACHIEVEMENTS:

- Achieved “**PROMISING ENGINEER AWARD-2011**” given by **The Institution of Engineers, India** on the occasion of 44th Engineers Day on 15th September 2011 at Nasik.
- Achieved “**YOUNG ENGINEER AWARD-2012-13**” given by **The Institution of Engineers, India** on the occasion of 27th Convention of Computer Engineering on 4th Feb. 2013 at NIT Jaipur.

TRAINING PROGRAMS/SEMINARS ATTENDED

1. Attended STTP on “Faculty Development Programme” organized by NITTR Bhopal at SSBT’s College of Engineering & Technology Bambhori Jalgaon, from 13th Oct. to 18th Oct. 2016
2. Attended Workshop on “My Computer and My Marathi” organized by Board of Maharashtra State Marathi Development and North Maharashtra University Jalgaon on 10th March 2017
3. Attended TEQIP phase-II Workshop on “Paper Setting” organized by Govt COE, Jalgaon on 29th March 2017.
4. Attended One Day Workshop on “On Screen Evaluation” at SSBT’s College of Engineering & Technology Bambhori Jalgaon, Organized by North Maharashtra University Jalgaon on 8th October 2015.
5. Attended the IEEE Bombay Section Symposium IBSS 2015 at Usha Mittal Institute of Technology SNDT, Mumbai on September 10-11 2015.
6. Attended National Level Seminar on “Cryptography and Network Security” Sponsored by North Maharashtra University Jalgaon at SSBT’s College of Engineering & Technology Bambhori Jalgaon, on 05 Jan 2015.
7. Attended One Week Faculty Development Program on “Open Source Software” conducted by Department of Computer Engineering , SSBT’s College of Engineering & Technology Bambhori Jalgaon, During 07-12 July 2014.
8. Program Attended One Week AICTE-MHRD Faculty Development on “Research Methods and Data Analysis using SPSS and MS Excel” conducted by School of Management Studies , National Institute of Technology (NIT) Calicut, Kerala, During 02-07 Jun 2014.
9. Attended Two Week ISTE Workshop on “Database Management Systems” conducted by Indian Institute of Technology Bombay under the National Mission on Education through ICT (MHRD) at SSBT’s College of Engineering & Technology Bambhori Jalgaon , During 21-30 May 2013.
10. Attended One week STTP on “Cloud Computing “conducted by Computer Society of India and SSBT’s College of Engineering & Technology Bambhori Jalgaon , During 21-25 January 2013.
11. Attended Two-day ISTE Workshop on Aakash for Education conducted by Indian Institute of Technology Bombay under the National Mission on Education through ICT (MHRD) at SSBT’s College of Engineering & Technology Bambhori Jalgaon .
12. Attended One Week ISTE-STTP on SYSTEM ANALYSIS AND DESIGN at Godavari College of Engineering, Jalgaon, during 02 to 06 January 2012.
13. Attended One Week ISTE-STTP on DATA WAREHOUSING & MINING under lead college scheme at Annasaheb Dange College of Engineering, Asha Sangli, during 27 to 31 December 2011.

14. Attended 3 Days National Level Workshop on Research Methodology From 17 to 19 October 2011 Conducted and Organized By SSBT's COET Bambhori in association with BOSCH Ltd Jalgaon , SUPRIEME LTD Jalgaon and IEI (India).
15. Attended 2 Days Exposition on Embedded Systems From 6 to 8 August 2010 Conducted by Laboratory for Applied Research in Electronic Solutions (LARE) and Organized By SSBT's COET Bambhori .
16. Attended 5 Days ISTE MISSION 10X Teacher Training Program From 5 to 9 July 2010 Conducted by ISTE Chapter and Wipro Tech. Pune , Organized at SSBT's COET Bambhori
17. Attended In plant Training Program on Disaster Management jointly organized by National Safety Council Mumbai and SSBT's College of Engineering and Technology Bambhori , Jalgaon.
18. Presented a Model on "Use of PSO Based ANN Training for the Detection of Various Networks Anomalies with their Potential Behaviors "in AVISKAR 2010 Organized by Computer Science Department, North Maharashtra University Jalgaon on 23-24 Dec 2010 .
19. Presented a Poster on "Tracking and Comparison of Human and Machine Behavior Using CAPTCHA "in AVISKAR 2009 Organized by Computer Science Department, North Maharashtra University Jalgaon on 01 Dec 2009 and **secured first prize at University Level.**
20. Attended One Day National Conference on INDIA LabVIEW CONFERENCE 2009 Jointly organized by National Instruments , Pune & KCE's COEIT Jalgaon on 02 Dec 2009
21. Attended one day Workshop on "Syllabus Framing for M.E. (Computer Science & Engineering)", North Maharashtra University, Jalgaon on 15/09/2009, at SSBT's College of Engineering and Technology Bambhori, Jalgaon .
22. Attended three days "SHRAM SADHANA" Workshop for technical teachers training from 09 July to 11 July , 2009 jointly organized by SSBT's College of Engineering and Technology Bambhori , Jalgaon and Deepstambh Foudation , Jalgaon
23. Attended one Week AICTE-ISTE Sponsored STTP on "Emerging Trends in Digital Signal Processing and Communication" from 30 March to 03 April 2009, Organized by SSBT's College of Engineering and technology, Bambhori, Jalgaon.
24. Attended 12 days Faculty Enablement Program(FEP) at INFOSYS Technologies Ltd, Hinziwadi ,Pune , from 09 to 20 June 2008 Under Infosys Campus Connect Program .
25. Attended National Level Seminar on Nanotechnology at SSBT's COET Bambhori , Jalgaon
26. Attended National Level Seminar on Low Cost Automation at SSBT's COET Bambhori , Jalgaon 12 April 2007
27. Attended One Week Training Program on Fill Teacher Ship from 13 to 18 March 2003 Organized at JTMCOE, Faizpur by College of Leadership and Human Resource Development, Manglore .
28. Attended One Week Training on Novell Netware Education Certification Organized by Novell Netware Ltd. Bangalore at SSBT's COET Bambhori, Jalgaon during 7 to 14 July, 2004.
29. Attended Seminar on pointers in 'C' by Yashwant Kanetkar organized by KCIT Jalgaon in 2003

BOOKS WRITTEN AND PUBLISHED

1. Written and Published Text Book **System Programming** of T.E. Computer Engineering and Information Technology as per syllabus of North Maharashtra University Jalgaon in 2009-10 **ISBN NO 978-81-909164-3-1** , Prakash Publications .
2. Written and Published Text Book **Advanced Computer Architecture** of B.E. Computer Engineering as per syllabus of North Maharashtra University Jalgaon in 2009-10 **ISBN NO 978-**

81-909164-7-9 Prakash Publications.

3. Written and Published Text Book **Software Metrics and Quality Assurance** of B.E. Computer Engineering and Information Technology as per syllabus of North Maharashtra University Jalgaon in 2009-10 **ISBN NO 978-93-81188-00-2**, Prakash Publications
4. Written and Published Text Book **Artificial Intelligence and Neural Networks** of B.E. Computer Engineering and Information Technology as per syllabus of North Maharashtra University Jalgaon in 2010-11 **ISBN NO 978-81909164-8-6** , Prakash Publications
5. Written and Published Text Book **Computer Programming** of First year Engineering as per syllabus of North Maharashtra University Jalgaon in 2010-11 **ISBN NO 978-81909164-20-0**

RESEARCH WORK PUBLISHED IN REPUTED INTERNATIONAL JOURNALS

1. Sandip S. Patil and Darshana Bhole, “The Study and Review of Paraphrase Detection Techniques in Machine Learning”, is published in International Journal of Innovative Research and Science, Engineering and Technology(IJRSET), vol:6, Special Issue:1, Jan. 2017, ISSN: 2347-6710.,pp 169-172, Online available at https://www.ijirset.com/upload/2017/icrtes/cse/17_The%20Study%20and%20Review%20of%20Paraphrase%20Detection%20Techniques%20in%20Machine%20Learning.pdf
2. Chetana Baviskar and Sandip S. Patil “Dealing with Overlapping of Clusters bu using Fuzzy K-Means Clustering”, is published in the International Journal of Engineering Trends and Technology, ISSN 2231-5381, PP 45-51, Jan 2016, DOI: 10.14445/22315381/IJETT-ICGTETM-N5, Impact Factor 1.795, Online availabe at http://www.ijettjournal.org/Special%20issue/ICGTETM2016/ICGTETM_2016_paper_21.pdf
3. Ashutosh V Girase, Girish Kumar Patnaik and Sandip S Patil. Ontology Driven Approach for Effective Decision Making. International Journal of Computer Applications , Foundation of Computer Science (FCS), NY, USA, Vol: 148, no:7:15-21, August 2016. DOI: 10.5120/ijca2016911209. pp 15-21, Online availabe at: <http://www.ijcaonline.org/archives/volume148/number7/25769-2016911209>
4. Ashutosh Girase, Dr. G.K.Patnaik and Sandip S. Patil “Ontology Driven Knowledge Base Information Retrieval ”, is published in the International Journal of Engineering Trends and Technology, ISSN 2231-5381, PP 467-472, Jan 2016, DOI: 10.14445/22315381/IJETT-ICGTETM-N5, Impact Factor 1.795, Online availabe at http://www.ijettjournal.org/Special%20issue/ICGTETM-2016/ICGTETM_2016_paper_130.pdf
5. Mayur S. Patil and Sandip S. Patil “Fingerprint Enhancement Techniques- Study and Review”, is published in the International Journal of Engineering Trends and Technology, ISSN 2231-5381, PP 630-633, Jan 2016, DOI: 10.14445/22315381/IJETT-ICGTETM-N5, Impact Factor 1.795,

Online available at http://www.ijettjournal.org/Special%20issue/ICGTETM-2016/ICGTETM_2016_paper_169.pdf

6. Praving Keshav Patil, Sandip S. Patil and N.P. Jagtap “Study of Altered Fingerprint Detection Using Artificial Neural Network” is published in the International Journal of Science and Research (IJSR), Vol 4, Issue 1, ISSN (Online): 2319-7064, **Index Copernicus Value (2013): 6.14 | Impact Factor (2013): 4.438**, PP 2471-2473, Jan 2015, Online Available at available at <http://www.ijer.net/archive/v4i1/SUB15898.pdf>
7. Ramkrishna H. Patil and Sandip S. Patil ,” PERFORMANCE IMPROVEMENTS OF UPGROWTH ALGORITHM USING TOP-K HIGH UTILITY ITEMSET MINING” , is published in the International Journal of Engineering Research and Sport Science, Vol 2, Issue 3, March 2014
1. Chetana Baviskar and Sandip S. Patil, “Use of Rough-Fuzzy Clustering for Improving Cluster membership Function: A Review” is published in the Cyber Times International Journal of Technology and Management, New Delhi, Vol 7, Issue 2 **Impact Factor 4.8** , Sept. 2014
2. Pooja Naval and Sandip S. Patil, “Wrinkled Fingerprint Verification Using Resilent Back Propagation Algorithm” is published in the Cyber Times International Journal of Technology and Management New Delhi, **Impact Factor 4.8** , 2015
8. Archana Mahajan, Dr. G.K.Patnaik and Sandip S. Patil “ Improvement in membership function for multiclass clustering with Fuzzy Rule Based Clustering Approach” is published in the International Journal of Advanced Engineering and Global Technology Vol-2, Issue-4,ISSN No. 2309-4893, PP 654-659, April 2014, Available online at <http://ijaegt.com/wp-content/uploads/2014/07/409154-IJAEGT-PP-ARCHANA-1.pdf>
9. Atul Chaudhari,Dr.Girish Kumar Patnaik and Sandip S. Patil “Implementation of Minutiae based Fingerprint Identification System using Crossing Number Concept” is published in the *Informatica Economica Journal*, Vol 18, No 1.2014, DOI: 10.12948/issn14531305/18.1.2014.02, PP-17-26.
Online at <http://www.revistaie.ase.ro/content/69/02%20-%20Chaudhari,%20Patnaik,%20Patil.pdf>
10. Harshal Patil and Sandip S. Patil “**Rotation and Illumination Invariant Texture Classification for Image Retrieval using Local Binary Pattern**” is published in the International Journal of Computer Trends and Technology , Volume 4, Issue 7-2013 , ISSN 2231-2803 , PP 2178 , 7 July 2013 ,Available online at <http://www.ijcttjournal.org/volume-4/issue-7/IJCTT-V4I7P138.pdf>
11. Archana Mahajan, Dr. G.K.Patnaik and Sandip S. Patil “ Improvement in membership function for multiclass clustering with Fuzzy Rule Based Clustering Approach” is published in the International Journal of Emerging Trends and Technology in Computer Science Vol-3, Issue-5, ISSN No. 2278-46856, PP 61-68, April 2014, Available online at <http://www.ijettcs.org/Volume3Issue5/IJETTCS-2014-09-21-28.pdf>
12. Archana M. Mahajan and Sandip S. Patil , “Study and Review of Various Identity and Privacy Management Techniques in Consumer Cloud Computing” is published in the International Journal of Engineering and Technology , Volume 6 , ISSN 2246-6157 , Aug 2013.
13. Atul S. Chaudhari and Sandip S. Patil “**A Study and Review on Fingerprint Image Enhancement and Minutiae Extraction**” is published in the IOSR Journal of Computer Engineering Vol. 9, Issue 6 ,

ISSN: 2278-0661, ISBN: 2278-8727 PP 53-56 March-April 2013 , **Impact Factor 1.686**, Available online at <http://iosrjournals.org/iosr-jce/papers/Vol9-Issue6/I0965356.pdf>

14. Sandip S. Patil & Chaitali G. Patil “**Study and Review of Various Emotions Classifications from Text Techniques**” is published in the International Magazine on Advances in Computer Science and Telecommunications Vol 4 , No 1 , ISSN 1857-7202/130507 PP 5-8 May 2013, Available online at <http://imacst.com/author/index.php/IMACST/article/view/70/58>
15. Sandip S. Patil & Kirti S. Patil “**Sequential Pattern Mining Using Apriori Algorithm & Frequent Pattern Tree Algorithm**” is published in the IOSR Journal of Engineering Vol. 3, Issue 1, e-ISSN: 2250-3021, p-ISSN: 2278-8719 PP 26-30 Jan 2013, **Impact Factor: 1.645**, Available online at [www.iosrjen.org/Papers/vol3_issue1%20\(part-4\)/F03142630.pdf](http://www.iosrjen.org/Papers/vol3_issue1%20(part-4)/F03142630.pdf)
16. Sandip S. Patil & Atul V. Dusane “**Use of Color Feature Extraction Technique based on Color Distribution and Relevance Feedback for Content based Image Retrieval**” is published in the International Journal of Computer Applications (0975 – 8887) Volume 52– No.17, ISBN 973-93-80870-20-0. August 2012, PP.9-13 Aug 2012, **Impact Factor:2.52**, Available online at <http://www.ijcaonline.org/archives/volume52/number17/8293-1789>
17. Sandip S. Patil & Atul V. Dusane “ **Improving the Performance of Content Base Image Retrieval System using Color Distribution and Relevance Feedback**” is published in the International Journal of Electronics , Communication & Soft Computing (IJECSCSE) ISSN Online 2277-9977 , Volume 2, Issue 2 , pp.6-10 , Aug 2012, **Impact Factor: 2.02**, Available online at <http://www.ijecscse.org/papers/Aug2012/Improving%20The%20Performance%20Of%20Content%20Based%20Image%20Retrieval%20System%20Using%20Color%20Distribution%20And%20Relevance%20Feedback.pdf>
18. Sandip S. Patil & Asha Chaudhari “ **Classifications of Emotions from Text using SVM based Opinion Mining**” , is published in International Journal of Computer Engineering & Technology (IJCET) , Volume 1 , Issue 3 , January- June 2012 . ISSN Print: 0976-6367 , ISSN Online: 6367-6375, PP. 330-338. **Journal Impact Factor (2011): 1.0425**
Available online at <http://www.iaeme.com/Journalissue.asp?VType=3&IType=1&JType=IJCET&PageNumber=2>
19. Avinash P. Patil, Sandip S. Patil & Sushant Bahekar “**Simulating and analyzing the network traffic profile for the detection and classification of various network miss users**” , is published in the **World Journal of Science and Technology(WJST)** , Volume 2, Issue 3, April 2012, ISSN 2121-2287, PP 42-46 .
Available Online at <http://worldjournalofscience.com/index.php/wjst/article/view/13157>
20. Sandip S. Patil , Rashmi R.Rathi & Ankita H. Tidake , “**Study and Performance Evaluation of Various Term Weighing Methods for Automated Text Categorization Using SVM**” is published in the International Journal of Engineering and Innovative Technology (IJEIT) , Volume 1, Issue 3, March 2012 , ISSN: 2277-3754, PP 150-155.
Available online at http://www.ijeit.com/vol%201/Issue%203/IJEIT1412201203_32.pdf
21. Sandip S. Patil , N.P.Jagtap & K.P.Adhiya , “ **Implementation of Guilt Model with Data Watcher for Data Leakage Detection System**” , is published in the International Journal of Advances in Computational Research **Impact factor value: ICV: 4.47** , Bioinfo Publishing, USA , Ovid

Technologies, USA , Vol. 4, Issue 1st , Feb 2012, ISSN: 0975-3273 & E-ISSN: 0975-9085, PP 104-107. Available online at <http://www.bioinfo.in/contents.php?id=33>

22. Sandip S Patil & Nitin Y Suryawanshi , “ **Detecting Network Anomalies using IP Gray Space Analysis and Preventing from it by using Machine Identification Code**” is published in the International Journal of Computer Applications IJCA New York USA , Vol 34 , Issue 4, Nov 2011, Online Peer Reviewed Journal (<http://ijcaonline.org>) launch by Foundation of Computer Science , New York USA, ISSN 975-8887, ISBN 0975-9646. PP. 57-67

Available online at <http://research.ijcaonline.org/volume34/number4/pxc3875907.pdf>

23. Sandip S Patil & Preeti Singh , “**Design and Implementation of Efficient Load Balancing Algorithm in Grid Environment**” , is published in the **International Journal of Computer Science & Information Technologies IJCSIT** , Online Peer Reviewed Journal (<http://ijcsit.org>), Vol 2, Issue 5, Sept 2011 launch by Tech Science Publications PP. 2159-2164. ISSN 0975-9646.

Available online at www.ijcsit.com/docs/Volume%202/vol2issue5/ijcsit2011020566.pdf

24. Dr.Yogendra Kumar Jain and Sandip S.Patil, “**Design of Hybrid Network Anomalies Detection System (H-NADS) Using IP Gray Space Analysis**”, is published in the **International Journal of ENFORMETICA AND ECONOMICA Romania** on 02 June 2009. CNCSIS B+ Category in 2nd issue Volume 13 No. 2 /2009 Collaborative Systems (<http://revistaie.ase.ro/>) Published by **Ministry of Education, Research and Innovation, Bucharest Romania** , ISSN 1453-1305 PP. 110-119, June 2009. Available online at <http://revistaie.ase.ro/content/50/013%20-%20Jain.pdf>

RESEARCH PAPERS PUBLISHED/PRESENTED IN VARIOUS COFERENCES/SEMINAR AT NATIONAL AND INTERNATIONAL LEVEL

International Level

1. Sandip S. Patil and Darshana Bhole, “The Study and Review of Paraphrase Detection Techniques in Machine Learning”, is published in the proceeding of International Conference on Recent Trends in Engineering and Science (ICRTES 2017). 20-21st January 2017. At GOVT COE Jalgaon.
 2. Sandip S. Patil, “Fuzzy Context Clustering for WSD” , is published in the proceeding of National Conference on Advances in Computing- 2017 (ICAC-2017) at School of Computer Sciences, North Maharashtra University, Jalgaon on 24-25 March 2017.
 3. Sandip S. Patil and Mayur S. Patil, “Wet and Dry Fingerprint Enhancement by using Multi Resolution Technique”, is published in the proceeding of International Conference on Global Trends in Signal Processing, Information computing and Communication(ICSPICC), organized by SSBT’s College of Engineering & Technology Bambhori Jalgaon and, on 22-24 December 2016.
- I. Sandip S. Patil and Chetana Baviskar “Improvement of Data Object's Membership by using Fuzzy K-Means Clustering Approach” 2016 International Conference on Computation of Power, Energy, Information and Communication ISBN 978-1-5090-0901-15, April 20th 2016, IEEE 2016. **Date Added to IEEE Xplore:** 01 September 2016, DOI: [10.1109/ICCPEIC.2016.7557238](https://doi.org/10.1109/ICCPEIC.2016.7557238), INSPEC Accession Number: 16268063

2. Sandip S. Patil and Chetana Baviskar “Dealing with Overlapping Clusters by using Fuzzy K-Means Clustering” International Conference on Global Trends in Engineering, Technology and Management-2016, organized by SSBT’s College of Engineering & Technology Bambhori Jalgaon and, on 4-6 January 2016.
3. Sandip S. Patil “Selective Review of Fingerprint Enhancement, Classification and Matching Techniques” in the IEEE Bombay Section Symposium IBSS 2015 at Usha Mittal Institute of Technology SNTD, Mumbai on September 10-11 2015, Published in IEEE Xplore Digital Library, DOI:10.1109/IBSS.2015.7456656., INSPEC Accession Number: 15937523. IEEE 2015.
4. Chetana Baviskar and Sandip S. Patil, “Use of Rough Fuzzy Clustering for Improving Cluster Membership Function: A Review” International Conference on Global Trends in Engineering, Technology and Management, organized by SSBT’s College of Engineering & Technology Bambhori Jalgaon and Cyber Times New Delhi, on 9-10-11 January 2015.
5. Pooja Naval and Sandip S. Patil, “Wrinkled Fingerprint Verification Using Resilient Back Propagation Algorithm” International Conference on Global Trends in Engineering, Technology and Management, organized by SSBT’s College of Engineering & Technology Bambhori Jalgaon and Cyber Times New Delhi, on 9-10-11 January 2015.
6. Dr.Yogendra Kumar Jain and Sandip S.Patil , “ Design and Implementation of Anomalies Detection System Using IP Gray Space Analysis” , is Published in the **IEEE Explorer** and the Proceeding of **IEEE International Conference of Future Network (ICFN 2008)** Bangkok, Thailand, IEEE 2009. On 7, 8, 9 March 2009. Pages 203 to 207 . DOI 10.1109/ICFN.2009.9
7. K.P.Adhiya , Dr. S.R. Kolhe and Sandip S. Patil , “ Tracking and Identification of Suspicious and Abnormal Behaviors using Supervised Machine Learning Technique” , is published in the **ACM Digital Library(acm.org)** and the proceeding of **ACM International Conference** on Advanced in Computing , Communication and Control at St.Francis COE Bandstand Mumbai , ACM Jan 23,24 2009 .
DOI 10.1145/1523103.1523124
8. Sandip S. Patil , Chaitali Patil “Jini Surrogate Architecture : Middleware Platform for Social Networking” is published in the proceeding of International Conference on Engineering Research & Applications at Godavari COE Jalgaon on 1-2 March 2012.
9. Sandip S. Patil & Atul Dusane “Content Based Image Retrieval- A review and Challenges” is published in the proceeding of International Conference on Engineering Research & Applications at Godavari COE Jalgaon on 1-2 March 2012.
10. Sandip S. Patil , Nitin Y. Suryawanshi & Manoj E. Patil “Knowledge base Puzzle to distinguish between human user & computer program”, is Published in the Proceeding of International Conference on Science, Engg & spirituality at SES COE Navalgager on 01-02 April 2010.

National Level

1. Sandip S. Patil and Ramkrishna Hari Patil “Study and Performance Evaluation of Various AI based Threat Detection Techniques” is published in proceeding of National level paper presentation Techno Parv Organised by Shri Chhatrapati Shivaji College of Engineering, Ahmednagar, Maharashtra (March

4th & 5th, 2013) published by Excellent Publishing House , New Delhi under ISBN No 978-93-81-583-95-1.

2. Sandip S. Patil & Harsha Talele “A Confidential Database Security through K-anonymization” is presented and published in AICTE sponsored National Conference on Recent Trends in Manufacturing and Information System at Samrat Ashok Technological Institute Vidisha (M.P.) on 26-27 April 2013.
3. Sandip S. Patil & Harshal Patil “Study and Review of Various Image Texture Classification Methods” is presented and published in AICTE sponsored National Conference on Recent Trends in Manufacturing and Information System at Samrat Ashok Technological Institute Vidisha (M.P.) on 26-27 April 2013.
4. Sandip S. Patil & Chaitali Patil “Study and Review of Various Emotion Classification from Text Techniques” is published in AICTE sponsored National Conference on Recent Trends in Manufacturing and Information System at Samrat Ashok Technological Institute Vidisha (M.P.) on 26-27 April 2013.
5. Archana N. Mahajan & Sandip S. Patil “Study and Review of Various Identity Management Techniques in Consumer Cloud Computing “is published in AICTE sponsored National Conference on Recent Trends in Manufacturing and Information System at Samrat Ashok Technological Institute Vidisha (M.P.) on 26-27 April 2013.
6. Atul S. Chaudhari and Sandip S Patil “A Study and Review on Fingerprint Image Enhancement and Minute Extraction” is published in AICTE sponsored National Conference on Recent Trends in Manufacturing and Information System at Samrat Ashok Technological Institute Vidisha (M.P.) on 26-27 April 2013.
7. Sandip S. Patil & Atul Dusane” Improved Content Based Image Retrieval System using Image Color Distribution and Relevance Feedback” , is Published and Presented in the UGC Sponsored National Conference on Advances in Computing NCAC 2013 at School of Computer Science N.M.U. Jalgaon and Published by Pritam Publication Jalgaon PP.317-321 , ISBN 978-81-910591-7-5 on 5-6 March 2013 .
8. Nitin Y. Suryanwanshi , Sandip S. Patil & Satpal D. Rajput” Anomalies Prevention by using User Knowledge or Cooperation Through the UDP Packet ” , is Published and Presented in the UGC Sponsored National Conference on Advances in Computing NCAC 2013 at School of Computer Science N.M.U. Jalgaon and Published by Pritam Publication Jalgaon PP.368 , ISBN 978-81-910591-7-5 on 5-6 March 2013 .
9. Sandip S. Patil & Chaitli G. Patil “Study and Review of Various Emotion Classification Methods” is Published and Presented in the National Conference on Emerging Trends in Computer Technology at R.C.Patel Institute of Technology Shirpur in Association with World Journal for Science & Technology on 22-23 Feb. 2013.
10. Sandip S. Patil & Nitin Jagtap “Identification of Guilt Agent using Data Leakage Detection Moel” is published and presented in the 2nd National Conference on Advances in Computing at DOCS North Maharashtra University Jalgaon on 16-17 March 2012.

11. Sandip S. Patil "Use of PSO based ANN Training for the detection of Various Network Anomalies with their Potential Behaviors" is presented and published in National Conference on Advances in Computing NCAC 2010, at DOCS North Maharashtra University Jalgaon on 24-25 Feb 2011.
12. Sandip S. Patil, Asha Chaudhari , "Emotions Classification using SVM" , is presented and published in National Conference on Recent Trends in Technology RTIT-2011 at JTMCOE Faipur on 3-4 Feb.2011.
13. Sandip S. Patil & Nitin P. Jagap , "Study and Performance Improve of Data Leakage Detection Model" is presented and published in 7th National Conference on Advances in IT & Management at Smt.Sitabai Mangilal Agrrrawal Inst of Mgt Chalisgaon on 13 Feb 2011
14. Sandip S. Patil , K.P.Adhiya , Sanjay S. Gharde , "Profiling network for detection and classification of behaviors of various networks miss users" is presented and published in National Conference on Emerging Trends in Engineering , Technology and Management MILSTONE 2K10 at SSBT's COET Bambhori Jalgaon on 29 March 2010
15. Sanjay S. Gharde , K.P. Adhiya , Sandip S. Patil "Kernel function : Nobel approach in Support Vector machine for handwritten numeral recognition system" is presented and published in National Conference on Emerging Trends in Engineering , Technology and Management MILSTONE 2K10 at SSBT's COET Bambhori Jalgaon on 29 March 2010
16. Sandip S. Patil , Megha Borole, K.P.Adhiya , "A FAST Clustering Algorithm for Categorical Datasets" , is presented and published in National Conference on Recent Trends in Computer Engineering , Communication , IT and Management 2010 (NCRT 2010) at SSVp's BSD College of Engineering on 19,20 Feb 2010.
17. Sandip S. Patil , Shital Ranade, K.P.Adhiya , "High Speed Enhanced Routing Operations in NIC's Working as a Software Router" , is presented and published in National Conference on Recent Trends in Computer Engineering , Communication , IT and Management 2010 (NCRT 2010) at SSVp's BSD College of Engineering on 19,20 Feb 2010.
18. Sandip S. Patil , Nitin Suryawanshi, K.P.Adhiya , "Use of Completely Automated Turing Test (CAPTCHA) for Tracking and Comparison of Machine and Human Behavior" , is presented and published in National Conference on Recent Trends in Computer Engineering , Communication , IT and Management 2010 (NCRT 2010) at SSVp's BSD College of Engineering on 19,20 Feb 2010.
19. Sandip S. Patil and K.P.Adhiya, "Use of Various Basic Wavelet Functions for Tracking and Identification of various Anomalies", is Presented and Published in the Proceeding of National Conference NCCCEM KCE's COEIT Jalgaon on 20 , 21 March 2009 .
20. Sandip S. Patil and Sanjay S. Gharde, "Design and Implementation of Anomaly Detection System: An Empirical Approach", was Presented and Published and in National Conference at SATI Vidisha .on 25 and 26 April 2008.
21. Sandip S.Patil and K.P.Adhiya , "Information Security :Secure The Global Information In Private Network Using Network Anomalies Detection System", is published in the proceeding of International Conference SPIT –IEEE COLLOQUIM 2007 at Sardar Patel Institute of Technology , Mumbai on 04-05 Feb. 2008.
22. Sandip S. Patil and Sanjay S.Gharde , "Network Security :- Network Access Control Using Anomalies Detection Model", is published in the proceeding of National Conference on Emerging Trends in Signal Processing and Communication (ETSPC-07) at MAE Alandi , Pune on 27-29 Dec. 2007.
23. Sandip S. Patil and Sanjay S.Gharde, "Technical Countermeasures for Securing Wireless Networks", is published in National Conference on Emerging Trends in Signal Processing and Communication

(ETSPC-07) at MAE Alandi , Pune on 27-29 Dec. 2007.

24. K.P.Adhiya , Sandip S.Patil , “Network Security : Secure the Network using Firewall by Screening and Filtering Network Traffic”, was published in National Conference on Emerging Trends in Signal Processing and Communication (ETSPC-07) at MAE Alandi , Pune on 27-29 Dec. 2007.
25. Sandip S.Patil ,K.P.Adhiya and Sanjay S.Gharde “ Web Services for E-commerce” is Presented and published in the proceeding of National Conference at Sinhgad Institute of Technology, Lonavala, Pune on 20th April, 2007.
26. Sandip S.Patil, “Mobile Computing” is Presented and Published in the proceeding of National Conference at SSMAIM Chalisgaon on 12 Feb 2007.
27. K.P.Adhiya and Sandip S. Patil, “Network Security: Secure the Network Using Firewall”, is Presented and published in the proceeding of National Conference on Information Security at WCOE, Sangli on 13, and 14 Aug.2007.

Summery: Paper Published/Presented at International Level = 03 and at National Level =27

EXTRA CURRICULAR ACTIVITIES

1. Chairman, Board of Paper Setters and Examiner for Subjects System Programming, Microprocessor-III and Artificial Intelligence at T.E. and B.E. Computer Engg/I.T in North Maharashtra University, Jalgaon.
2. Member, Board of Paper Setters and Examiners for Subjects Artificial Intelligence, ACA, Microprocessor-II at T.E.../B.E. Computer Engg. In North Maharashtra University, Jalgaon .
3. National Board of Accreditation (NBA) in Charge for Computer Engineering Department of SSBT’s College of Engineering & Technology, Bambhori, Jalgaon.
4. Project in Charge for Computer Engineering Department of SSBT’s College of Engineering & Technology, Bambhori, Jalgaon. From last 04 years.
5. Computer Enginnering Department Sport Coordinator for Central Sport Activities.

ACADEMICS

Examination	Board/University	Month & Year of Passing	Percentage Obtained	Class
M. Tech in Computer Science & Engineering	Rajiv Gandhi Technological University , Bhopal	June 2009	72.40	First
B. E. in Computer Engineering.	North Maharastra University , Jalgaon	May 2001	62.53	First

H.S.C.	Nasik Divisional Board, Nasik.	March 1997	70.17	First
S.S.C.	Nasik Divisional Board, Nasik.	March 1995	77.28	Distinction

DISSERTATION / PROJECT WORK DONE

Ph D Research Work (Completed Course Work-I)	
Title	Extraction of Human Emotions from Handwritten Document Using Multiclass Support Vector Machine
Front End	MATLAB
Back End	--`
Connectivity	--

M. Tech. Dissertation Work Thesis and Defense	
Title	Design and Implementation of Anomalies Detection System Using IP Gray Space Analysis
Front End	.NET 2005(VB+ ASP), Network Traffic Grapher .
Back End	MS-ACCESS , Network Traffic Flow Data Collector
Connectivity	ODBC

B.E Project Work	
Title	Internet Banking Sponsored By Jalgaon District Co-Operative Bank Ltd. Pimpalgaon (Hareshware) Branch. Tal: Pachora , Dist;Jalgaon.
Front End	Java (Visual Cafe)
Back End	MS-ACCESS
Connectivity	JDBC

PERSONAL DETAILS

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Place:-

Date:-

Signature:-