

Ms. Amrita A. Manjrekar

Assistant Professor,
M. Tech (Computer Science and Technology)
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PROFILE SUMMARY

- More than **18 years** of experience of teaching in Computer Science and Engineering
- Permanent Recognition as **Post-Graduate Teacher** in the subject Computer Science and Engineering of Shivaji University, Kolhapur.
- Pursuing **Ph. D** in Computer Science and Technology, from **Pune University**.
- **M. Tech (Computer Science and Technology) with Distinction** from Shivaji University, 2008

WORK EXPERIENCE

Designation	From	To	Experience	Classes taught	Name & Address of the Institution
Assistant Professor	Jan 2009	Till date	15 years	PG M. Tech(CST) Part- I and Part-II	Department of Technology, Shivaji University, VidyaNagar, Kolhapur- 416004
				UG T. Y. B. Tech (CST), Final Year B. Tech (CST)	
Lecturer	1 st July 2004	31 st Jan 2007	3 years	T. E , B. E-Bachelor Of Engineering- UG Level	Dr. D. Y. Patil College Of Engineering & Technology, Kasababavada, Kolhapur- 416006

RESEARCH GUIDANCE

Programs	No. of Projects Guided	
	Working	Completed
B. Tech (CST)	-	22
M. Tech (CST)	01	20

AREA OF INTEREST

- Information Security, Cloud privacy and security, Visual Cryptography
- Computer Vision, Video analysis, Image Mining

RESEARCH PROJECT

Type of project	Title	Agency	Start Year	Year of completion	Whether Co-PI	Grant (Rs. Lakh)
Minor Project	Token Generation based Regular Language search over Encrypted Cloud Data	SUK	2019	2022	--	165000

RESEARCH PUBLICATIONS

i) Citation Data

SCOPUS Report (Numbers Only)				Google Scholar Citation Report (Numbers only)				
Pub.	Citations	<i>h</i> -index	URL	Pub.	<i>h</i> -index	<i>i10</i> -Index	Citations	URL
19	42	03	https://tinyurl.com/bdhhvafv	49	7	4	134	https://tinyurl.com/33zdd6p2

JOURNAL PUBLICATIONS

	International Journals	National Journals	Total
A) Published	8	2	10
B) In Press	-	-	
C) Accepted for Publication	-	-	-
D) Communicated	2	-	2
TOTAL	7	2	9

List of Journal Publications

Sr. No	Name of Author/s	Title of the Paper	Publication Details
1.	R Sharma, P Mane, N Sharma, S Nikam, AA Manjrekar	A. green cloud computing: Challenges and solutions.	European Chemical Bulletin, 2023
2.	V. P. Patil, A. A. Manjrekar	Implementation of Space-Filling Curves on Spatial Dataset: A Review Paper	March 18 Volume 4 Issue 3 , International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE), PP: 568 - 572
3.	Ms. Namrata Mali Amrita Manjrekar	Resource Pricing and Scheduling in Cloud Computing	International Journal of Computer Engineering and Applications, Volume XI, Special Issue, May 17, www.ijcea.com ISSN 2321-3469 pp1-8

4.	Jyoti Chaturvedi, Anubha Parashar, Amrita Manjrekar, Vinay S Bhaskar	Social and Business Intelligence Analysis Using PSO	Computing Research Repository-CoRR, volume-abs/1407.6090, Aug 2014, http://arxiv.org/abs/1407.6090
5.	Ms. Seema V. Wazarkar, Ms. Amrita A. Manjrekar	Text Clustering Using HFRECCA and Rough K-Means Clustering Algorithm	Discovery Journal, Volume 15, Number 40, April 8, 2014, pp 44-47 ISSN 2278-5469 EISSN 2278-5450
6.	Ms. Rukaiya A. Chaugule, Ms. Amrita A. Manjrekar	A Novel Approach for Data Hiding using Tree based Parity Check Method with Art Image	International Journal of Scientific & Engineering Research, Volume 5, Issue 3, March-2014 ISSN 2229-5518, pp 1371-1375
7.	Ms. Seema V. Wazarkar, Ms. Amrita A. Manjrekar	Hierarchical Fuzzy Clustering Algorithm for Clustering Text Data in Article	International Journal of Multidisciplinary Educational Research, Volume 3, Issue 3(6), March 2014, pp 142-147, ISSN: 2277-7881
8.	Ms. Amrita A. Manjrekar	A Review of Wireless Technology for Geographical Information Systems	International Journal of Current Engineering and Technology, Special Issue-I, (sept-2013)- ISSN 2277 – 4106 ©2013 INPRESSCO., pp-180-184
9.	Deepak. A, Amrita A. Manjrekar	Multilevel Security in Face Authentication	International Journal of Scientific & Engineering Research, Volume 4, Issue 8, August-2013 ISSN 2229-5518, pp421-426
10.	Mr. V. M. Moruse, Ms. A. A. Manjrekar	Software Defined Network based Firewall Technique	International Journal of Computer Engineering and Technology (IJCET), ISSN 0976-6367(print), volume 4, issue 2, March-April 2013, pp-598-606
11.	Ms. Amrita A. Manjrekar, Prof. P. P. Halkarnikar	Detection & Tracking Of Moving Ball From Video Stream	Journal Of Computer Science (JCS), Karpagam Charity Trust, Coimbatore. May- June 2008. Volume-2,690-695

CONFERENCES ATTENDED

	International Conferences	National Conferences	Total
A) Published	18	11	29
B) Accepted for Publication	-	-	-
C) Communicated	02	-	02
TOTAL	20	11	31

INTERNATIONAL CONFERENCES

Sr. No	Name of Author/s	Title of Paper	Name of symposia / conference
1.	V. Shirke, A. A. Manjarekar and C. J. Awati	Methodologies for Prevention of Fraudsters in Online Payment Systems: A Review,	024 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal, 2024, pp. 1605-1610, doi: 10.1109/ICICT60155.2024.10544847
2.	Manjarekar A.A., Palange P.A., Mudgal A.U., Chaudhari M.Y.	Food Shades: Online Food Application for Small-Scale Restaurants	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023-June, pp. 1517 - 1522,
3.	Khot S.T., Manjarekar A.A., Deshmukh R.J. (2021)	Privacy Preservation for Data Sharing with Multi-party Access Control in Cloud Computing: A Review Paper.	In: Tuba M., Akashe S., Joshi A. (eds) ICT Systems and Sustainability. Advances in Intelligent Systems and Computing, vol 1270. Springer, Singapore. https://doi.org/10.1007/978-981-15-8289-9_60 ICT4SD 2020, Goa, India, 23-24th July 2020
4.	Tamgave P.A., Manjarekar A.A., Khot S. (2020)	Regular Language Search over Encrypted Cloud Data Using Token Generation: A Review	Paper. In: Raj J., Bashar A., Ramson S. (eds) Innovative Data Communication Technologies and Application. ICIDCA 2019. Lecture Notes on Data Engineering and Communications Technologies, vol 46. Springer, Cham. https://doi.org/10.1007/978-3-030-38040-3_26 International Conference on Innovative Data Communication Technologies and Application, Organized by RVS College of Engineering and Technology, TN, India on October 17-18, 2019
5.	Tamgave P.A., Manjarekar A.A.	Regular Language Keyword Search over Encrypted Data Stored on Cloud	2019 5th International Conference On Computing, Communication, Control And Automation (ICCUBEA), 19-21 Sept. 2019 Pune, India,
6.	Bhosale A.H., Manjarekar A.A.	Attribute-based storage control with smart De-duplication filter using hybrid cloud	2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA), PUNE 16th -18th August 2018
7.	Bhosale A.H., Manjarekar A.A.	Attribute Based Storage Mechanism with De-duplication Filter: A Review Paper	. In: Fong S., Akashe S., Mahalle P. (eds) Information and Communication Technology for Competitive Strategies. Lecture Notes in Networks and Systems, vol 40. Springer, Singapore
8.	Sagar Shinde and Amrita Manjarekar	A Review Paper on Effective Behavioral Based Malware Detection and Prevention Techniques for Android Platform	Proceedings of International Conference on Emerging Trends in Engineering, Technology and Architecture iCETETA-2017, organized by D. Y. Patil College of Engineering and Technology, Kolhapur, on 11th March 2017
9.	Suraj Madhale and Amrita Manjarekar	Trusted VM snapshot in public cloud infrastructure for digital forensic investigation	
10.	Ms. Amrita A. Manjarekar	A Review of Recent Trends in ICT based Blended Learning to Improve Quality of Education	Proceedings of Second International Conference of Commerce and Management (ICCM) on “Development Through

			Transformation : Prospects for Inclusive Growth” organized by Department of Commerce and Management, Shivaji University, Kolhapur on 30th and 31st January 2017
11.	Ms. Aaradhana Patil, Ms. Amrita A. Manjrekar	An Innovative Approach to Classify and Retrieve Text Document using Feature Extraction and Hierarchical Clustering based on Ontology	Proceedings of IEEE International Conference on Computing, Analytics and Security Trends (CAST-2016), organized by Department of Computer Engineering and Information Technology, COEP, Pune, 19th -21st December 2016
12.	Deepak Kankhare, Ms. A. A. Manjrekar	A Cloud based system to sense security vulnerabilities of web application in open-source private cloud IAAS	Proceedings of IEEE International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECOT-2016), ISBN- 978-1-5090-4697-3/16, organized by GSSS Institute of Engineering and Technology for Women, Mysuru on 9 th and 10 th December 2016
13.	Ms Priya V Sontakke, Ms Amrita A Manjrekar	A Secure Multi-owner Multi copy Facility with privacy preserving on Public storage Cloud Dynamic Data	Proceedings of International Conference on Advances in Computing and Data Sciences (ICACDS-2016), organized by Department of Computer Science and Engineering, Krishna Engineering College, Gaziabad, 11 th and 12 th November 2016. pp 433-447
14.	Ms. Aaradhana Patil, Ms. Amrita A. Manjrekar	A novel method to summarize and retrieve text documents using text feature extraction based on ontology	IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT), 20-21 May 2016 Electronic ISBN: 978-1-5090-0774-5 DOI: 10.1109/RTEICT.2016.7808033
15.	Dipali S Kasunde, Ms. Amrita A. Manjrekar	Verification of multi-owner shared data with collusion resistant user revocation in cloud	Proceedings of International Conference on Computational Techniques in Information and Communication Technologies (ICCTICT), 11-13 March 2016, pp 182 – 185, DOI: 10.1109/ICCTICT.2016.7514575, Publisher: IEEE
16.	Sneha Satpute, Amrita Manjekar	Healthcare Data leakage Detection using Fuzzy Fingerprints Signature Technique in Centralized Peer-to-Peer Network	Proceedings of International Conference on Computing, Communication and Energy Systems (ICCCES-16), in association with IE, 29 th -30 th Jan 2016, RIT, Sakharale. pp- 365-268
17.	Ms Priya V Sontakke, Ms Amrita A Manjrekar	Provable Multi-Copy Dynamic Data Possession With Multi-Owner In Cloud Computing System	Proceedings of International Conference on Computing, Communication and Energy Systems (ICCCES-16), in association with IE, 29 th -30 th Jan 2016, RIT, Sakharale. pp- 381-383

18.	Dipali S Kasunde, Ms.Amrita A. Manjrekar	Verification Of Multi-Owner Shared Data With User Revocation And Collusion Resistance In Cloud Computing	Proceedings of International Conference on Computing, Communication and Energy Systems (ICCCES-16), in association with IE, 29 th -30 th Jan 2016, RIT, Sakharale. pp-397-399
19.	Ms. Asawari Chavan Ms. Amrita A. Manjrekar	Data embedding technique using secret fragment visible mosaic image for covered communication	IEEE International Conference on Information Processing 16th -19th December 2015, VIT, Pune pp 260-265DOI-10.1109/INFOP.2015.7489390 INSPEC Accession Number: 16072721978-1-4673-7758-4/15/
20.	Rupali Patil, Amrita Manjekar	A Novel image classification and image Retrieval using Saliency driven multiscale nonlinear diffusion filtering and linear distance coding	IEEE International Conference on Information Processing 16th -19th December 2015, VIT, Pune pp 338-343DOI-10.1109/INFOP.2015.7489404 INSPEC Accession Number: 16072722978-1-4673-7758-4/15/
21.	Swati Khavare, Amrita Manjekar	Robust Image Hashing Algorithm for Detecting and Localizing Image Tamper in Small Region	IEEE International Conference on Information Processing 16th -19th December 2015, VIT, Pune pp 289-294DOI-10.1109/INFOP.2015.7489395 INSPEC Accession Number: 16072637978-1-4673-7758-4/15/
22.	Rupali Patil, Amrita Manjrekar	A Novel Filtering and Coding Method for Image Classification and Image Retrieval	Proceedings of the 8th Annual ACM India Conference, 2015 pp 101-106, ISBN: 978-1-4503-3650-5 doi>10.1145/2835043.2835054, 2015-10-29, ACM New York, NY, USA ©2015 29th to 31st October 2015
23.	Ms. Asawari Chavan Ms. Amrita A. Manjrekar	A Novel Approach for Data Transmission Technique through Secret Fragment Visible Mosaic Image	Proceedings of Third International conference on “Emerging Research in Information, Communication and Applications”, ERCICA 2015, Volume 2, pp 437-447, doi-10.1007/978-81-322-2553-9_40, ISBN- 978-81-322-2552-2, Springer India,01 August 2015 at NMIT, Bangalore
24.	Ms. Asawari Chavan Ms. Amrita A. Manjrekar	A Secrete Fragment Visible Mosaic Image Created Using CMF With Color Transformation Technique	Proceedings of International conference on Telecommunication Technology and Management (ICTTM-2015), 11-12 th April 2015, IIT, Delhi, Emerald Group pib;ishingpvt ltd., new delhi, isbn- 978-0-9926800-5-3, pp 17
25.	Ms. Seema V. Wazarkar, Ms. Amrita A. Manjrekar	HFRECCA For Clustering Of Text Data From Travel Guide Articles	ICACCI, 2014 International Conference on Advances in Computing, Communications and Informatics, 24-27 Sept. 2014 , New Delhi, India, 978-1-4799-3078-4, pp 1486 – 1489, IEEE

26.	Mr. P. N. Shinde, Ms. A. A. Manjrekar	Retrieval of Efficiently Classified Re-ranked images using histogram based score computation algorithm extended with Elimination	In proceeding of: International Conference on Convergence of Technology (I2CT), At Pune, India, Volume: ISBN-Proceedings : 978-1-4799-3759-2/14 IEEE Conference Record #33458,
27.	Mr. P. N. Shinde, Ms. A. A. Manjrekar	Efficient Classification of Images using Histogram Based Average Distance Computation Algorithm Extended with Duplicate Image Detection	Proc: 2013 Advances in Engineering and Technology published by Elsevier, ISBN: 978-93-5107-193-8, pp 102-110
28.	Marium M. Merchant, Ms. A. A. Manjrekar	Text Mining Technique to Extract relevant information from Corpus based on User Input	Proc. of Third International Conference on Computational Intelligence and Information Technology – CIIT 2013, Oct 18-19, 2013, pp 217-220
29.	Vaibhav T. Patil, Ms. A. A. Manjrekar	A Novel Approach for Monitoring SQL Anti-Forensic Attacks Using Pattern Matching for Digital Forensic Investigation	International Symposium, SSCC 2013 Mysore, India, August 22-24, 2013 Proceedings, Sabu M. Thampi et al. (Eds.): SSCC 2013, CCIS 377, pp. 162–167, 2013. © Springer-Verlag Berlin Heidelberg 2013, Sri Jayachamarajendra College of Engineering, Mysore
30.	Deepak Aeloor , Ms. A. A. Manjrekar	Securing Biometric Data with Visual Cryptography and Steganography	International Symposium, SSCC 2013 Mysore, India, August 22-24, 2013 Proceedings, Sabu M. Thampi et al. (Eds.): SSCC 2013, CCIS 377, pp. 330-340, 2013. © Springer-Verlag Berlin Heidelberg 2013
31.	Mr. V. T. Patil, Ms. A. A. Manjrekar	SQL Anti-forensic Attack Monitoring System using Pattern Matching for Digital Forensic Investigation	Proceedings of International Conference on Emerging Trends in engineering (ICETE-2013), ISBN: 978-93-82880-29-5, NMAM Institute of Technology, Nitte, Karnataka, India, May 15-16 2013
32.	Mr. V. M. Moruse, Ms. A. A. Manjrekar	Enforcement of Policy Rules in Software Defined Network using Openflow	Proceedings of International Conference on Technical and Innovative Advancement in Computing and Communication Engineering (TIACCE-2013), ISBN: 81-89278-18-5, pp 186-188, Department of Computer Science and Engineering & IT, MEC, Bikaner, 13 April 2013
33.	Mr. Deepak A. , Ms. A. A. Manjrekar	Privacy Protection in Facial Biometric System	Proceedings of International Conference on Technical and Innovative Advancement in Computing and Communication Engineering (TIACCE-2013), ISBN: 81-89278-18-5, pp 169-172, Department of Computer Science and Engineering & IT, MEC, Bikaner
34.	Ms. A. A. Manjrekar	Motivation and Techniques for Green Computing”	International Conference on GreenTech-2010, Bangkok, Jan 2010
35.	Ms. A. A. Manjrekar , Ms. R. Y. Mulla	DCT based Iris Recognition System	International Conference GIT-2010, Sinhad Institute of Management

36.	Ms. A. A. Manjrekar , Prof. P. P. Halkarnikar	Detection and Tracking of Moving Object from Video Stream	International Conference On Emerging Techniques in Computing, Electronics, Embedded System & VLSI Design (ICEVD-2008), Ahmednagar (20- 21st March 2008).
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EXTRACURRICULAR ACTIVITIES

- Contributed as **Referee/ Examiner** for Institute Level UG/PG Technical Project Contest, TECHFEST 2017, organized by Department of Technology, Shivaji University, Kolhapur, on Saturday 01st April 2017
- Served as a **Reviewer** for International Conference on Advance in Computing and Data Sciences (ICACDS-2016) organized at Krishna Engineering College, Ghaziabad, Uttar Pradesh, India on 11th and 12th November 2016.
- Worked as **Resource Person** at Two Days workshop on “Emerging Trends in IT and Research” to the MCA students on “Information System Security”, on 22nd October 2016 in the Department of Commerce and Management, Shivaji University, Kolhapur.
- Served as a **Reviewer and TPC member** at “Fifth International Conference on Advances in Computing, Communications and Informatics (ICACCI, 2016)”, 21st -24th September 2016, Jaipur, India Proceeding Published in IEEE Xplore
- Worked as **subject expert** for Local Selection committee, at Dnyanashree Institute of Engineering and Technology, Sajjangad Road, Satara held on 5th May 2017
- Worked as **subject expert** for “Computer Engineering” subject interview at Dr. Bapuji Salunkhe Institute of Engineering and Technology (Polytechnic), Kolhapur on 22nd June 2017
- Worked as **judge** for ‘Group Discussion’, organized on occasion of National Science Day at Department of Commerce and Management, Shivaji University., 26th February 2016
- Worked as visiting Faculty member for M. B. A-II course “System Management and Security”, for academic year 2015-2016, at Department of Commerce and Management, Shivaji University
- Working as **coordinator** of **M. Teh (Computer Science and Technology)**, Department of Technology, Shivaji University, Kolhapur, Maharashtra.
- Worked as **TPC member and reviewer** for the **International Conference on Advances in Computing, Communications and Informatics (ICACCI-2014)**, 24-27 Sept. 2014, New Delhi, India
- Worked as **coordinator** of “**TEQIP Technical Specifications committee, Computer Science and Technology**” for Department of Technology, Shivaji University, Kolhapur, Maharashtra.
- Organized** and worked as a **co-ordinator** for one day seminar on “**Introduction to Research Methodologies**” for M. Tech students under **DST-PURSE**
- Worked as **Chairman** of “**Oral Presentation Committee**” for “National Conference on Emerging Technologies for Sustainable Development” (**NCET-2012**), organized by Department of Technology, Shivaji University.
- Worked as **Resource Person** for seminar on “**Cloud Computing**”, for MCA-III students at Department of Computer Studies, SIBER, Kolhapur.
- Delivered **Guest Lecture** on “**Advance Computer Architecture**”, for MCA, M. Sc. (Computer Science) students at Department of Computer Science, Shivaji University, Kolhapur.

- Worked as **Session Chair** for INSPIRE-2012, Science camp, sponsored by Department of Science and Technology, Govt. of India, organized by Department of Technology, Shivaji University, Kolhapur
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WORKSHOPS ATTENDED

1. Successfully participated in “ **Professional Development Training Programme**” for Faculty and Administrators of Project Institutions from TEQIP-III conducted from 15th July 2019 to 19th July 2019 at **IIM Vishakhapatnam**
2. Attended 8 Weeks Faculty Development Program conducted by NPTEL-AICTE and IIT Kharagpur on “Design and Analysis of Algorithms” during August to October 2018.
3. Attended 8 Weeks Faculty Development Program conducted by NPTEL-AICTE and IIT Kharagpur on “Cloud Computing” during August to October 2018.
4. Participated in Android Developer Fundamentals Faculty Training from Shivaji University. 4th July 2017 to 8th July 2017
5. Participated in Four-week AICTE approved FDP by IIT Bombay on “**Use of ICT Education for Online and Blended Learning** ” conducted by IIT, Bombay from 2nd May 2016 to 10th July 2016 under National Mission on Education through ICT, MHRD, New Delhi, Symbiosis Institute of Computer Studies and Research, Pune
6. Participated in Two-week ISTE STTP on “**Introduction to Design of Algorithms**” conducted by IIT, Kharagpur from 27th April to 30th May 2015
7. Attended a one-week ISTE workshop for co-ordinators on “**Cyber Security**”, conducted under the National Mission on Education through ICT by MHRD, at Department of Computer Science and Engineering, IIT Bombay during 17th -21st May 2014
8. Successfully completed the “**General Orientation Programme**” conducted at the UGC- Academic Staff College, University of Pune, Pune from 15th Jan 2014 to 11th Feb 2014 under UGC scheme and has been awarded the ‘A’ grade.
9. Participated in three day International Interactive Workshop on “**Effective Academia Leadership Strategies-a global perspective**”, on 12-14th Dec 2013 at SEGi University, Kuala Lumpur, Malaysia.
10. Participated in a **One week workshop** on “ **Web Technology with PHP**”, conducted by Department of Technology, Shivaji University, Kolhapur , 20th to 24th Sept 2013
11. Participated in a **Two-week ISTE workshop** on “ **Database Management Systems**”, conducted by Indian Institute of Technology Bombay from 21st to 31st May 2013
12. Two-day **ISTE WORKSHOP** on “ **Research Methods in Educational Technology**”, conducted by Indian Institute of Technology Bombay, 2nd Feb and 9th Feb 2013
13. Participated in the academic and interaction sessions during “**5th Science Conclave Program**”, A congregation of Nobel Laureates and Eminent Scientist. An MHRD- DST initiative at IIIT-A during December 08-14, 2012
14. **10 days ISTE WORKSHOP** on “ **Introduction to Research Methodology**”, conducted by Indian Institute of Technology Bombay, 26th June to 4th July 2012
15. Two-day **ISTE WORKSHOP** on “**Writing Effective Conference Paper**” conducted by Indian Institute of Technology Bombay., 11th and 18th

16. Two-week **ISTE WORKSHOP** on “**Solar Photovoltaic, Fundamentals, Technologies and Applications**” conducted by Indian Institute of Technology Bombay from 12th to 22nd Dec 2011
17. Two-week **ISTE WORKSHOP** on “**Database Management Systems**” conducted by Indian Institute of Technology Bombay from 13th to 23rd Dec 2010

ROLES AND RESPONSIBILITIES IN DEPARTMENT

- Working as Library Co-ordinator, Department of Technology, Shivaji University
- Working as Moodle Co-ordinator, Department of Technology, Shivaji University
- Worked as Girls Hostel Rector, Department of Technology, Shivaji University from 2015 to 2024
- Worked as M. Tech (CST) Co-ordinator from 2009 to 2013

ACHIEVEMENTS

- **1st prize** in **National Level Project Competition** VISION2K4, Walchand College of Engineering, Sangli , 2004
- **2nd prize** in **National Level Project Competition** Kalp04, GEC- 2004, Goa.
- **3rd prize** in State Level Project Competition Tarang03, Karad.
- Stood **2nd** in College in B.E (CSE) Exam.
- **Silver Bronze** Medal in Kolhapur District Philatelic Exhibition (KOLPEX-2003)

MEMBERSHIP OF PROFESSIONAL BODIES

- Professional Member of Association of Computing Machinery (ACM), Member number- 7311770
- Member of International Association of Computer Science and Information Technology (IACSIT), Singapore. Member No- 8034561
- Life member of Indian Society for Technical Education (ISTE), Member No- LM 90080
- Life member of Computer Society of India (CSI), Member No- 01122982
- Member of The Institute of Engineers, India (IEI). Membership No- M-155858-1