PROF. PRAMILA MANGILAL CHAWAN

Personal Details

Name of Faculty	Prof. Pramila Mangilal Chawan	
Designation	Associate Professor	
Department Name	Computer Engineering & I T Department	
Institute Name	Veermata Jijabai Technological Institute (VJTI)	
Email Address	pmchawan@ce.vjti.ac.in	
Educational Qualification	M. E. (Computer Engineering), Mumbai University, India B. E. (Computer Engineering), Mumbai University, India	
Contact Number	022-24198154	
Institute Profile	https://vjti.ac.in/computer-it/	
LinkedIn Profile	https://www.linkedin.com/in/pramila-chawan-44501432/	
Vidwan Profile	https://vidwan.inflibnet.ac.in/profile/474994	
G Scholar Profile	https://scholar.google.com/citations?user=9kacFLEAAAAJ&hl=en	
Researcher Profile	https://www.webofscience.com/wos/author/record/KZU-9790-2024	
ORCID Profile	https://orcid.org/0009-0000-9336-0416	
ResearchGate Profile	https://www.researchgate.net/profile/Pramila-Chawan	

Academic Details

Examination	Year of Passing	School/ College	University/ Board	Class obtained
Secondary School Certificate (SSC)	1985	M.G.V.M., Mumbai	Mumbai	Distinction
Higher Secondary Certificate (HSC)	1987	Ruparel College, Mumbai	Mumbai	Distinction
B. E. (Computer Engg.)	1991	V. J. T. I, Mumbai	Mumbai	First Class with Honors
M.E. (Computer Engg.)	1997	V. J. T. I, Mumbai	Mumbai	First Class

Professional Experience

No. of Years Teaching Experience: 31 Years (Jan 1992 – till date)

    Designation : Associate Professor

    Department : Computer Engineering and Information Technology

    Institute   : Veermata Jijabai Technological Institute (VJTI), Mumbai

Employment Record

College	Designation	Period
V.J.T.I., Mumbai	Associate Professor (Regular)	1st January 2006 till date
V.J.T.I., Mumbai	Assistant Professor (Regular) (by selection)	1st June 1998 to 31st December 2005
V.J.T.I. Mumbai	Lecturer (Regular) (by selection)	11th June 1992 to 31st May 1998

V.J.T.I. Mumbai	Lecturer (Contractual)	6th May 1992 to 9th June 1992
V.J.T.I. Mumbai	Lecturer (Contractual)	9th Jan 1992 to 30th April 1992

Projects/ Training done at Industry

1. Undergone 10 months practical training in the BHABHA ATOMIC RESEARCH CENTRE, Computer Division, from 3/8/90 to 31/5/91. During training software was developed for B.A.R.C. called 'LOCAL ELECTRONIC MAIL SYSTEM' (electronic message communication software between personal computers) this software used C language & Assembly Language- external interrupt handling.

2. Undergone 2 months practical training in 'Hauser Computers', Prabhadevi as part of M.E. (Computer Engineering) programme from May 1996 To June 1996.

Teaching Interests

Computer Organization Architecture, Advanced Computer Architectures, Parallel Computer Architectures, Software Engineering, Software Project Management, Information Systems, Data Structures & Algorithms, Programming Languages, Data Mining, Machine Learning.

Grants Fetched/Revenue Generation

Written proposal for VJTI under TEQIP-I in June 2004 for creating Central Computing Facility at VJTI. Rs. Eight Crore (Rs. 8,00,00,000/-) were sanctioned by the World Bank on this proposal. Using this amount different projects such as Central computing facility creation, Campus wide networking etc. were carried out in the Institute. This has improved computing infrastructure of the Institute a lot. These facilities are being used by all the Departments of VJTI for more than 10 years. Also using this amount 'Computer & Multimedia based learning resources' were procured which are being used for educational purpose. New delivery techniques are being used. This has improved the teaching learning process at VJTI & the quality of education being imparted at VJTI.

Awards/ Honors

1. I have been awarded with the **'Innovative & Dedicated Educationalist Award Specialization: Computer Engineering & I.T.'** by The Society of Innovative Educationalist & Scientific Research Professional, Chennai (SIESRP). It was awarded in the Innovative Global Scientific Research Educationalist-Professionals Awards & Honors Convocation-2022 held on 26th June 2022 at Chennai.

2. Elected as **Fellow (FSIESRP)** by the Governing Council of The Society of Innovative Educationalist & Scientific Research Professional (SIESRP): Life time educational membership.

3. Invited to work as Chairman for the Maharashtra State Region Chapter, IFERP.

4. **Research Gate Weekly Topper of VJTI in 313 weeks (October 2017 - March 2024)** - According to Research Gate weekly analysis report, my publications are the most read publications from the Institute (VJTI) and the Department (CE&IT Dept.) in 313 weeks **from October 2017 to March 2023.**

5. **Recognized Author** in the Interscience Research Network (IRNET)

6. **Reviewer** – Journals published by Inderscience Publishers, International Conferences.

7. **Editorial Board Member** on 9 Scientific Research Journals (JEECER, JETR, JETMS, TT, TTW, ET, JET, MTW, JAMAER) recognized by Innovative Scientific Research Professional Malaysia

8. Hon. Editorial Board Member of the various journals of **ADR Publications** and **MAT Journals**.

9. **Organizing Committee Member – Twenty Nine** International Conferences, 6 FDPs

10. Ranked as the **1st Best Scientist** in the **Computer Science domain** in the Veermata Jijabai Technological Institute, in the World Scientist and University Ranking 2022, conducted by AD Scientific Index Ranking for scientists dated on 10 August 2022.

11. Ranked as the **1st Best Scientist** in the **Computer Science domain** in **the Country (India)**, in the World Scientist and University Ranking 2022, conducted by AD Scientific Index Ranking for scientists dated on 10 August 2022.

12. Ranked as the **1st Best Scientist** in the **Computer Science domain** in the **Asia Region**, in the World Scientist and University Ranking 2022, conducted by AD Scientific Index

Ranking for scientists dated on 10 August 2022.

13. Ranked as the **1st Best Scientist** in the **Computer Science domain** in the World, in the World Scientist and University Ranking 2022, conducted by AD Scientific Index Ranking for scientists dated on 10 August 2022.

14. Participated in "THE's Global Academic Reputation Survey", conducted by Times Higher Education, London (was invited to participate in the Survey).

Projects Guided

Number of M. E./ M. Tech. (Computer Engg.) Projects guided: 100+

Number of B.E./ B. Tech. (Computer Engg.) Projects guided: 150+

Educational/Professional Membership

National

1. Name of the Professional body/Association/Organization: Computer Society of India (CSI)	Professional Title: CSI LIFE MEMBER
2. Name of the Professional body/Association/Organization: The Institution of Engineering and Technology (IET)	Professional Title: MIET IET MEMBER (2014)

International

Name of the Professional body/Association/Organization: The Society of Innovative Educationalist & Scientific Research Professional (SIESRP)	Professional Title: SIESRP LIFE MEMBER (Fellow) FSIESRP

Educational- Professional Bodies Chapter Activities

- Worked as VJTI-CSI Student Chapter Counsellor for 5 years
- Worked as a panel member on the VJTI Computer Engineering Department Student's Association, Association of Computer Enthusiast (ACE).

Committee Membership

1. Member, Academic Council of VJTI, Mumbai
2. Member, Board of Studies, Computer Engineering & I T Department, VJTI, Mumbai
3. Member, Department Academic Committee, Computer Engineering & I T Department, VJTI, Mumbai
4. Member, Syllabus Revision Committee, Computer Engineering & I T Department, VJTI, Mumbai
5. Coordinator, M. Tech. Admission 2015, VJTI, Mumbai
6. Member, Corruption Investigation Committee appointed by DTE, Mumbai
7. Member, Approval Committee for starting new Engineering Programme appointed by DTE, Mumbai
8. Member, Approval Committee for increasing the number of seats in the existing Engineering Programme in Engineering Colleges in Mumbai and around appointed by DTE, Mumbai
9. Sub Centre In charge MHT-CET 2017 examination appointed by DTE, Mumbai
10. Member, Enquiry Committee for enquiring into student's complaints regarding admission fees at SPCE, Andheri appointed by RO, Bandra East, Mumbai.

Other Important Contributions

- Brought grant of Rs. Eight Crore (8 Cr) from the World Bank under TEQIP-I for setting up Central Computing Facility at VJTI.

- Prepared TEQIP-II proposal for the Computer Engg. dept.

- Worked as Sub Centre In-charge for MHT-CET-2017 examination conducted by Director of

Technical Education.

- Institute Coordinator - PG admissions 2015-16

- Institute Coordinator - PG NBA Self-Assessment Report preparation 2013-14
- NBA Coordinator for accreditation of B. Tech. Computer Engg. programme for 5 years (2012 to 2017).
- Faced NBA Accreditation visit for M Tech NIMS 2018.
- Faced NBA Accreditation Compliance Visit for B Tech Computer 2019.
- Participated B Tech Computer Engineering NBA Accreditation Visit Feb 2022.
- Worked as a Member, NBA Accreditation Committee, M Tech Computer Engineering 2022 Done SAR preparation and NBA Visit documentation for criteria 2 – Program Outcomes and Course Outcomes

ACTIVITIES CARRIED OUT AS NBA COORDINATOR FOR DEPT. & INSTITUTE

1. I have worked as Institute NBA Coordinator for developing Self Approval Report (SAR) for M. Tech. programs of five departments.
2. I have worked as NBA Coordinator of B Tech Computer Engineering programme for 5 consecutive years. During this period I prepared SAR document & Compliance Report for B. Tech. Computer Engg. and faced NBA Committee visit Twice successfully.
3. After receiving NBA Committee Visit report I carried out the critical analysis of the NBA committee visit report single handed and prepared Compliance report (382 pgs) and Pre-qualifier report.
4. I have faced NBA Committee visit for M. Tech. NIMS once. I checked all PE30 files and corrected the data before the visit and guided and controlled the visit.
5. The common data for all criteria (from B. Tech. Computer Engg. SAR document prepared by me) was shared with the M. Tech. Computer and M. Tech. NIMS programmes thereby reducing their work load.
6. I have developed CO, PO, PEO Assessment techniques using all Direct and Indirect Assessment tools and techniques for one complete academic year i.e. two semesters and

shared it with all the Departments in VJTI. These techniques developed by me are adopted by all the departments and are being used by all.

7. Developed website for Computer Engineering & IT Department Considering the NBA requirements Twice - coordinated website design work of dept., guided about the links, supplied data to be uploaded.

8. I developed RUBRICS. Trained regular and contractual faculty members several times for the Outcome based education system.

I also actively participated in B Tech Computer Syllabus Revision to set the syllabus according to the NBA requirements. I was academic council member that time.

Details of the extensive work carried out during my NBA Coordinator ship of B. Tech. Computer Engineering (2012 – 2017)

1. **SAR preparation – It involved the following work-**
   a. Data collection, data entry, data verification & typing work for preparing SAR and all other documents.
   b. Setting formal processes for establishment & revision of Vision, Mission of the Department & COs, POs & PEOs for the B. Tech. Computer Engineering Programme.
   c. Preparing Vision, Mission of the Department by following the formal procedure.
   d. Drafting COs, POs & PEOs of the Program by following the formal procedure.
   e. Developing CO, PO, PEO Assessment techniques, both Direct & Indirect Assessment Techniques and carrying out assessments for all the years starting from 2011-12.
   f. Developing CO, PO Assessment Rubrics. I shared rubrics developed by me with all the Departments in VJTI.
   g. Designing various survey formats and conducting surveys such as alumni survey, employer survey, student exit survey, student feedback for all the years starting from 2011-12.
   h. Analysing these surveys and obtaining COs, POs, PEOs Attainment results for all the years starting from 2011-12. Plotting graphs for the same.

2. NBA visit preparation - It involved the following work –

a. Prepared P30 files (No. 30), collected all the proof documents, verified those documents.

b. Conducted meetings, prepared and maintained Minutes of meetings for producing at the time of NBA visit

c. Trained Faculty(regular and contractual both), students, alumni for the NBA Visit

d. Carried out all designing & printing work - Banners, Boards, Result graphs, Name Plates etc.

e. Prepared NBA Visit presentation and presented the same before the NBA visit experts.

f. Prepared Head's Presentation and presented that also to the committee during visit.

We had scored 900 out of 1000 marks during the NBA visit

3.   Compliance & Pre-qualifier Report Preparation-

After receiving the NBA Committee Visit report, I carried out the critical analysis of the NBA committee visit report (single handed) and prepared Compliance report (382 pgs) and Pre-qualifier report. All the efforts were made to comply with the requirements of NBA. It involved the following work –

a. I Conducted meetings and revised PEOs, POs and COs of the program as per the NBA requirements.

b. Further, COs, POs, PEOs Assessment and Attainment was done using all tools & techniques.

c. SAR was updated by collecting & entering data.

d. Website was redesigned and updated data was entered into it.

e. I also prepared & maintained all the documents required for NBA Visit (because it was not clear whether only compliance was to be sent or SAR was also to be sent and whether visit will be there or not).

This Compliance Report along with Pre-qualifier report was sent to NBA again. We had complied with all weaknesses and deficiencies but still accreditation of all the programmes including B Tech Computer Engg. Program was extended by one year only that time.

Conferences Organized

Worked on the Organizing Committee of 29 Conferences:

(As National Advisory Board Member / Technical Advisory Board Member / Editorial Board Member / Technical Program Committee Member / Outreach Committee Member/ Reviewer Committee Member)

1. Worked as Organizing Committee Member of National Conference on "Network Infrastructure Management Systems", VJTI, Mumbai, 17th & 18th December 2010

2. Worked as Organizing Committee Member of International Conference on "Network Infrastructure Management Systems", VJTI, Mumbai, 16th & 17th December 2011

3. Worked as Organizing Committee Member of 2nd International Conference on "Network Infrastructure Management Systems", VJTI, Mumbai, 28th & 29th June 2013

4. Worked as a National Advisory Committee member of the International Conference on Technological Innovations in Engineering and Management Studies (ICTIEM-2017) organized by Deogiri College for Engineering and Management Studies in association with the Institute for Engineering Research and Publication (IFERP), December 2017 at Aurangabad, Maharashtra.

5. Worked as a National Advisory Committee member of the International Conference on Recent Advancements in Information Technology, Science and Engineering (ICRITSE-17) organized by APC Mahalaxmi College for Women in association with Institute for Engineering Research and Publication (IFERP), December 2017 at Tuticorin, Tamilnadu.

6. Worked as a National Advisory Committee member of the International Conference on Advanced Recent Trends In Computing & Information Technology (ICARCIT-18) organized

by G H Raisoni College of Engineering & Management in association with the Institute for Engineering Research and Publication (IFERP), March 2018 at Pune, Maharashtra.

7. Worked as a National Advisory Committee member of 4th International Conference on Applied Science Engineering and Technology (ICASET-18) organized by Sengunthar College of Engineering in association with the Institute for Engineering Research and Publications (IFERP), March 2018 at Thiruchengode.

8. Worked as an Outreach Committee member of the International Conference on Startup ventures: Technology Developments and Future Strategies (SV-TDFS), "Startup Scope" organized by Manipal University, Jaipur in association with Institute for Engineering Research and publication (IFERP) and springers, October 2018 at Jaipur.

9. Worked as an Organizing Committee Member for International Conference on Applied Sciences, Engineering, Technology and Management (ICASETM-18), November 2018, at IBIS Hotel, Bommanahalli, Bengaluru.

10. Worked as an Organizing Committee Member for International Conference on Recent Trends in Automation – 2018 (ICRTA'18), November, 2018 organized by IFERP at Vasireddy Venkatadri Institute of Technology (VVIT) Guntur, Andhra Pradesh, India.

11. Worked as National Advisory Committee Member for International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR -18), 20th – 21st December, 2018 at A.P.C. Mahalaxmi College For Women, Tuticorin.

12. Worked as an Organizing Committee member for International Conference on Recent Trends in Automation (ICRTA-19), March 2019 organized by IFERP at Hilton Hotel, Chennai.

13. Worked as an Outreach Committee member for the International Conference on Latest Trends in Engineering and Management (ICLTEM-19) to be held on 20-21 Oct 2019 at Pondicherry.

14. Worked as a National Advisory Board member for International Conference on Engineering, Education and Entrepreneurship (2nd ICEEE 2019), being organized by the International Society of Engineering, Education and Entrepreneurship (ISEEE), Delhi to be held on 10th Nov 2019 at Pitumpura, India.

15. Worked as a Scientific Review Committee member for 5th Global Nanotek Summit held at Kuala Lumpur, Malaysia during 27-28 November 2019.

16. Worked as a National Advisory Board member for 25th World Conference on Applied Science, Engineering and Technology (25th WCASET) which was held on 29th -30th Dec 2019 in Nanutel Margoa, Goa, India.

17. Worked as Organizing Committee member for the International Conference on Recent Advancements in Engineering and Technology (ICRAET-2020), held on 17th - 18th January 2020 in the city of Ahmedabad, Gujarat.

18. Worked as Organizing Committee member for the 3rd International conference on Latest Trends in Engineering and Management (ICLTEM-21) held on February 26th & 27th 2021 at the Amanora Park Town, Amanora, Magarpatta Road, Hadapsar, Pune, Maharashtra-411028

19. Worked as a Programme Committee member, Advisory Committee for the International Conference on Computational Intelligence and Emerging Power System (ICCIPS)-2021, jointly Organized by Department of Computer Science and Engineering & Department of Electrical Engineering, Engineering College, Ajmer & Sponsored By TEQIP- III, on 9th & 10th March 2021, Online Conference.

20. Worked as a Reviewer on the Technical Program Committee of IEEE International Conference on Communication, Information and Computing Technology (ICCICT-2021), Mumbai, India. (One of the Premier Conferences of Asia Pacific), organized at Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, Mumbai, India, 25-27 June, 2021.

21. Worked as a Reviewer on CITA'21, the 12th International Conference on Information Technology in Asia 2021, Virtual conference organized by the Universiti Malaysia Sarawak, 25-26 August 2021

22. Participated as Reviewer in the International Conference on Computational Intelligence and Emerging Power System held during March 09-10, 2021, Organized by Department of Computer Science & Engineering, and Department of Electrical Engineering, Engineering College Ajmer.

23. Participated as Reviewer of papers in the track Artificial Intelligence and Machine Learning for ICCICT-2021, Organized by sardar patel Institute of Technology, Mumbai.

24. Worked as Committee member for the International Conference on Advances in Science, Engineering and Technology ICASET 2021, Pondicherry held on 29th & 30th December October 2021. **Online Conference**.

25. Worked as a National Advisory board Member and Committee Member for the 2nd International Conference on the Emerging Technologies in Computing (ICETC- 2022) on February 24th and 25th 2022 organized by Brainware University, Kolkata in association with Institute for Engineering Research and Publication (IFERP). **Online Conference.**

26. Worked as a Reviewer for IEEE - International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), Maldives held in 15 November 2022.

27. Worked as a Committee Member of "**International Conference on Recent Advances in Engineering and Computer Applications ICRAECA 23, Hybrid Conference**" held on 14th & 15th July 2023 at LJ University Ahmedabad Campus jointly organized by LJ University & IFERP.

28. Worked as Technical Program Committee (TPC) member for **International Conference on Emerging Trends in Networks and Computer Communications (ETNCC)** 2023 from August 16 - 18, 2023 at Namibia University of Science and Technology (NUST), Namibia.

29. Worked as a Coordinator for The Program of 30 Days Advanced Python Programming Masterclass organized by Pantech E Learning from October 27, 2022 till November 27, 2023.

Participation for Conferences

Participated in 20 Conferences

1. National Conference on "Emerging Trends in Computing Communication (ETCC-08)", National Institute of Technology Hamirpur (HP), 30-31 Dec-2008

2. National Conference on "Recent Trends in Information Technology", Padmashri Dr. Vithalrao Vikhe Patil College of Engineering , Ahmednagar , 20 -21 Feb. -2009.

3. National Conference on "Recent Trends in Computer Science and Information Technology", Guru Nanak Dev Engineering College, Karnataka, 8th & 9th May 2009

4. 2nd National Conference on "Recent Trends in Computer Engineering-09", Sinhgad College of Engineering Pune, 29, 30 & 31 Dec. 2009.

5. National Conference on "Emerging Trends in Computer Science & Information Technology", K. K. Wagh Institute of Engineering Education & Research, Nasik , 29th & 30th Jan 2010

6. International Symposium on "Computer Engineering & Technology", RIMT-Institute of Engineering & Technology, Punjab, 19th & 20th March 2010

7. National Conference on "Emerging IT's", National College of Engineering Tirunelveli,

20 March 2010.

8. 2nd International Conference on "Innovative Practices in Management & Information Technology for Excellence", Maharaja Agrasen Institute of Management & Technology, Jagadhri, 8th May 2010

9. National Conference on "Network Infrastructure Management Systems", VJTI College of Engineering, Mumbai, 17th & 18th Dec 2010

10. International Conference on "Network Infrastructure Management Systems", VJTI College of Engineering, Mumbai, 16th & 17th Dec 2011

11. 2nd International Conference on "Network Infrastructure Management Systems", VJTI College of Engineering, Mumbai, 28th & 29th June 2013

12. National Conference on 'Mathematics and its applications in Technology' sponsored by TEQIP-III, MHRD, Govt. of India and organized by Dept. of Mathematics, VJTI, Mumbai on 29th February 2020.

13. 2021 International Conference on Electrical and Electronics Engineering (ICEEE2021) Jointly Organized By School of Engineering, The University of Malaya, Kuala Lumpur, Malaysia & Centre of Excellence- Power Engineering and Clean Energy Integration Galgotias University, India, on 2nd, 3rd January 2021, Online Conference.

14. International Conference on Computational Intelligence and Emerging Power System (ICCIPS), jointly Organized by Department of Computer Science and Engineering & Department of Electrical Engineering, Engineering College, Ajmer & Sponsored By TEQIP- III, on 9th & 10th March 2021, Online Conference.

15. Participated in one day online National Symposium on "Technology Vision 2035: An Educational Perspective", 26 June 2021 at Thakur College of Engineering and

Technology.

16. Attended 4th International Conference on Communication, Information and Computing Technology (ICCICT-2021) in collaboration with IEEE Bombay section, 27 June 2021.

17. Attended 2nd International Conference on "The Emerging Technologies in Computing (ICETC - 2022) organized by IFERP - Brainware University, Kolkata, West Bengal, held on 24th & 25th February 2022.

18. Attended "The Innovative Global Convention for Scientific Researchers, Educationalist-Professionals Awards & Fellowship Honors Convocation 2022 – 2023" held in Malaysia - Thailand - Honkong & Macau, Organized by "The society of Innovative Educationalist & Scientific Research Professional", Chennai, on 26th June 2022.

19. Attended 2nd International Conference (online) on Graduate Studies Advancing Technology Development Research Excellence and innovative Leadership in the Next Normal (GRADSCON 2022) organized by Nueva Ecija University of Science and Technology – Philippines in partnership with Institute For Engineering Research and Publication (IFERP), Technoarete Research And Development Association (TRADA), October 20-22, 2022.

20. Attended 5th Institute of Electrical and Electronics Engineers International Conference on Advances in Science and Technology (**IEEE ICAST Conference 2022**) held on 2nd and 3rd of December 2022 at KJ Somaiya, Vidyavihar University and presented a paper titled "A Vision Transformer Approach for Classification on a Small-Sized Medical Image Dataset" that is published on IEEE Xplore.

Workshops/STTPs/FDPs Organized

Worked on the Organizing Committee of 5 Workshops/STTPs/FDPs

1. AICTE sponsored Two weeks STTP on 'Object Oriented Software Engineering', VJTI, Mumbai, September 2009

2. AICTE sponsored Two weeks STTP on 'Intelligent Multimedia Data Warehouse & Mining', VJTI, Mumbai, December 2009

3. One week STTP on 'Computer Networking & Security', VJTI, Mumbai, December 2010

4. FDP on "GIS, Geo- Spatial Technologies & ICT" from 27th November to 2nd December 2018, organized by PMMMNM on Teacher and teaching scheme of MHRD, New Delhi held at VJTI.

5. FDP on "Deep Learning Theory & Applications for Engineers" from 16th December to 21st December 2019, organized by Dept. of Computer Engg. & I.T., VJTI.

Participation For Workshops/STTPS/FDPS

No. Workshops/STTPs/FDPs attended = 53

1. ISTE sponsored 4 weeks STTP on 'Internet Technology', 2 Dec 2002 to 28 Dec 2002, at VJTI.

2. TEQIP-I sponsored 1 week FDP on 'Voice Culture and Speaking Skills', 27.08.08 to 01.10.08, at VJTI.

3. TEQIP-I sponsored 1 week FDP on 'Statistics and Its Application to Engineering' 1st Dec 08 to 5th Dec 08, at VJTI.

4. TEQIP-I sponsored 1 week workshop on 'Multimedia Systems', 2nd Feb 09 to 7th Feb 09, at VJTI.

5. TEQIP-I sponsored 2 days training program on 'Effective Role Execution For Institute Development Training Module T. M-6', 4th March 09 to 5th March 09 at VJTI.

6. TEQIP-I sponsored 1 day FDP on 'Entrepreneurship', 25th March 09, at VJTI.

7. AICTE sponsored 2 weeks STTP on 'Object Oriented Software Engineering', 4th Sept 09 to 13th Sept 09, at VJTI.

8. AICTE sponsored 2 weeks STTP on 'Intelligent Multimedia Data Warehouse & Mining', 14th Dec 09 to 24th Dec 09, at VJTI

9. TEQIP-I sponsored 1 day FDP on 'Cloud Computing', 11th Aug 2010 at VJTI.

10. VJTI-CSI sponsored 2 days workshop on 'Cyber Security' by Karma Cyber Intel Pvt Ltd, 16th, 17th Oct 2011.

11. TEQIP-II sponsored 1 week FDP on 'Cloud Computing', 5th Apr 2013 to 9th April 2013 at VJTI

12. TEQIP-II sponsored 1 week FDP on 'Pedagogy Skills Development', 15 Dec 2014 to 19 Dec 2014 at VJTI

13. TEQIP-II sponsored 1 week FDP on 'Advance Pedagogy And Managing the Learning Process', 30th Nov 2015 to 4th Dec 2015 at VJTI

14. TEQIP-II sponsored 1 day workshop on 'Internet of Things (IoT)', 8th Jan 2016 at VJTI

15. TEQIP-II sponsored 1 day workshop on 'Skill India', 25th Feb 2016 at VJTI

16. TEQIP-II sponsored 1 day workshop on 'Datacentres Technology and Trends, 23 Feb 2016 at VJTI

17. TEQIP-II sponsored 2 weeks FDP on 'Mathematical and Statistical Foundations in Engineering Applications', 16-19 Sept 2016, 12-17 Oct 2016 at VJTI

18. One day workshop on "Outcome Based Education" on 26 March 2018, VJTI, Mumbai.

19. AICTE-QIP sponsored one week STTP on "SPATIAL DATA, DATA MINING, and ANALYTICS", during 26th to 31st March 2018 at VJTI.

20. MHRD sponsored 1 week FDP on "GIS, Geo- Spatial Technologies & ICT" from 27th November to 2nd December 2018, organized by PMMMNM on Teacher and teaching scheme of MHRD, New Delhi held at VJTI.

21. TEQIP III sponsored 1 week FDP on Pedagogy – "Shifting Teaching-Learning Paradigms through Innovative Pedagogy", 9th Dec- 14th Dec, 2019 at VJTI

22. MHRD sponsored 1 week FDP on "Advanced Data Analysis and Decision Making" from 30th December 2019 to 3rd January 2020, organized by PMMMNM on Teacher and Teaching scheme of MHRD, New Delhi held at VJTI.

23. One day International Workshop/ Finishing School on 'Block chain Technology', 17 Feb 2020 at VJTI, Mumbai

24. Udemy Academy Course on "The complete Oracle SQL Certification Course", 9 Apr 2020.

25. Udemy Academy Course on "The complete Cyber Security Course: Network Security", 9 Apr 2020.

26. Online Workshop under MHRD on "Intellectual Property Rights" organized by PDPU in association with Intellectual Property Protection, 11 Apr 2020

27. Five Days online FDP on "Research in Engineering – A Way Forward" organized by Research and Development cell, A. P. Shah Institute of Technology Thane, 10 Jun 2020.

28. Two Week online FDP on "Emerging Research trends in Computer Science and IT" organized by Bharti Vidyapeeth's Institution of Computer Application and Management (BVICAM), New Delhi, 19 Jun 2020.

29. One Week online FDP on "Enhancing Research and Consultancy Skills" organized by Department of Mechanical Engineering under RIT – Center for Teaching and Learning Rajaramnagar, 26 Jun 2020.

30. Online Workshop on "Mathematics and Data Science" organized by Thakur College of Engineering and Technology, 27 Jun 2020.

31. Attended the STC on "Python Programming for Beginners" organized by Department of Computer Science and Engineering, University College of Engineering, Ramnathapuram, 4 July 2020.

32. Workshop on "AI/DL/ML" organized by Digital Track Solutions, 26 Jul 2020.

33. AICTE Training And Learning (ATAL) Academy Online FDP on "Management Information System" from 2 Nov 2020 to 6 Nov 2020 at Dr. D. Y. Patil Institute of Management & Research.

34. Udemy Academy Course on "Software Project Management - The complete course", 4 Days online course on 29 Dec 2021.

35. Udemy Academy Course on "Blockchain and Bitcoin Fundamentals", 3 hours online course on 09 January 2022.

36. Udemy Academy Course on "Machine Learning A-Z™ Hands-On Python & R In Data Science" 11 Days online course on 11 Feb 2022.

37. Udemy Academy Course on "Artificial Intelligence A-Z Learn How To Build An AI 5 Days online course on 20 March 2022.

38. Udemy Academy Course on "Deep Learning A-Z Hands-On Artificial Neural Networks" 6 Days online course on 29 March 2022.

39. Attended Boot Camp on GPU Training organized by CE&IT Dept, VJTI in coordination with NVIDIA at VJTI COE, Mumbai on 27th April and 28th April 2022.

40. Udemy Academy Course on "Computer Networks Security from Scratch to Advance" 2 Days online course on 15th May and 16th May 2022.

41. Udemy Academy Course on "Complete Microsoft SQL Server Database Administration Course" 9 Days online course from 31st July to 8th August 2022.

42. Udemy Academy Course on "Software Testing Masterclass (2022) –from Novice to Expert" 2 Days online course on 04th and 5th August 2022.

43. Udemy Academy Course on "PostgreSQL Bootcamp: Go from Beginner to Advanced", two weeks online course from 8th August to 20th August 2022.

44. Attended "Celebrating 75 years of self-sufficient India in Research & Innovation - Azadi Ka Amrit Mahotsav" on August 15th, 2022.

45. Udemy Academy Course on "The Agile Methodology for Project Risk Managers", One-week online course from 25th August 2022 to 1st September 2022.

46. Udemy Academy Course on "Big Data Hadoop and Spark with Scala", Two-week online course from 2nd September 2022 to 14th September 2022.

47. Udemy Academy Course on "The Data Science Course 2022: Complete Data Science Bootcamp", Two week online course from 12th September to 26th September 2022.

48. Attended "Workshop on GitHub Management" organized by CE&IT Dept, VJTI on 23rd November 2022.

49. Attended "The Program of 30 Days Advanced Python Programming Masterclass" organized by Pantech E Learning from October 27, 2022 till November 27, 2022.

50. Attended "Faculty Development Program" (FDP) organized by PHN Technology Pvt. Ltd in "DevOps Engineering" on 4th February 2023.

51. Attended "Faculty Diploma Program" (FDP) organized by PHN TECHNOLOGY PVT LTD, PUNE from 25th February 2023 till 25th April 2023, every Saturday, covering topics such as Cloud Computing and DevOps, Automation Testing [JAVA+ Selenium], Data Science with Python.

52. Attended five-day national e-workshop on "Medical Image Analysis using Artificial Intelligence" MIAAI-2023 from 24th to 28th April 2023 in virtual mode jointly organized

by the "Centre for Medical Imaging Studies: CMIS" under the Department of Electronics and Communication Engineering, Gayatri Vidya Parishad College of Engineering(A) and Sankar Foundation Eye Hospital: SFEH, Visakhapatnam, Andhra Pradesh, India.

53. Udemy Academy Course on "Agile Project Management+Scrum Step by Step with Examples", Two week online course from 15th June to 29th June, 2023.

54. Udemy Academy Course on "A Complete Course on IoT system – Design and Development",on 11th August, 2023.

55. Udemy Academy Course on "CUDA Programming Masterclass with C++",on 11th July, 2023.

56. Udemy Academy Course on "MongoDB – The Complete Developer's Guide 2023", on 5th July, 2023.

Participation For Webinars

No. Webinars attended = 38

1. 4 Days Webinar series on "Future-Vision: Marriage of AI and Blockchain" organized by Department of Computer Science and Engineering, RIT - Rajaramnagar in association with IEEE Bomb, 17 May 2020.

2. 2 Days online webinar on "Research Paper Writing and Intellectual Property Rights" organized by Department of Electronics and Telecommunication Engineering, RIT – Rajaramnagar, 18 - 19 May 2020.

3. PANTECH – AI – 2020 – A Live Webinar Series - "Future of Artificial Intelligence" hosted by IETE-MUMBAI in association with Pantech, 20 May 2020.

4. PANTECH - LIVE WEBINAR on "ML for Health Care Prediction" organized by Pantech in association with Sreyas Institution of Engineering, 21 May 2020.

5. PANTECH - LIVE WEBINAR on "Role of IoT in Industrial Application" organized by Pantech in association with Sethu Institute of Technology in association with Pantech E Learning, 21 May 2020.

6. PANTECH - LIVE WEBINAR on "Power Electronics Simulation using MATLAB" organized by Pantech, 22 May 2020.

7. Webinar on "EEG Signal Processing using MATLAB" organized by Pantech in association with AVIT Chennai, 22 May 2020.

8. PANTECH – AI – 2020 – A Live Webinar Series – "Development of Deep Learning Architecture" organized by Pantech in association with Institution of Electronics, 25 May 2020.

9. PANTECH – AI – 2020 – A Live Webinar Series – "Conversational BOT Design" organized by Pantech in association with Institution of Electronics, 30 May 2020.

10. Attended Webinar on "Virtual Interactive Classroom for Teachers and the Challenging technologies in Post Covid-19 Era" organized by Institute for Engineering Research and Publication on 5th June 2020.

11. One day Webinar on "Shades of Interactive Online Sessions" organized by Department of Electronics and Telecommunication Engineering, RIT – Rajaramnagar, 7 June 2020.

12. Attended Webinar on "Cyber Virus that took his path with CoronaVirus - A Disaster Journey of Malicious Malware in ASEAN Countries" organized by Institute for Engineering Research and Publication on 15th August 2020.

13. Attended Webinar on "Technology Based Teaching in Classroom" organized by Institute for Engineering Research and Publication on 10th September 2020.

14. Attended Webinar on "Latest Trends in Nanotechnology" organized by Institute for Engineering Research and Publication on 10th September 2020.

15. Attended Webinar on "Recent Advances in Civil Engineering " organized by Institute for Engineering Research and Publication on 11th September 2020.

16. Attended Webinar on "Scope, Opportunities and Challenges for E-Vehicle in India" organized by Institute for Engineering Research and Publication on 12th September 2020.

17. Attended Webinar on "National Education Policy" organized by Institute for Engineering Research and Publication on 13th September 2020.

18. Attended Webinar on "Modelling of Biomedical applications using Neural Networks in International Short Term Training Program held in India" organized by Institute for Engineering Research and Publication on 16th September 2020.

19. Attended Webinar on "Personality Development & Winning Attitude" organized by Institute for Engineering Research and Publication on 18th September 2020.

20. Attended Webinar on "Cognitive Radio - Wireless Sensor Networks - Applications and Challenges" organized by Institute for Engineering Research and Publication on 19th September 2020.

21. Attended Webinar on "Biology in Concrete" organized by Institute for Engineering Research and Publication on 20th September 2020.

22. Attended Webinar on "Learning Path to Data Science" organized by Institute for Engineering Research and Publication on 26th September 2020.

23. Attended Webinar on "Composite Materials - Metal Matrix Composite" organized by Institute for Engineering Research and Publication on 26th September 2020.

24. Attended Webinar on "Optical Wireless Communication - Challenges & Opportunities" organized by Institute for Engineering Research and Publication on 3rd October 2020.

25. Attended Webinar on "Computing & Signal Processing in IOT Applications" organized by Institute for Engineering Research and Publication on 9th October 2020.

26. Attended Webinar on "Artificial Intelligence & Machine Learning Using Python" organized by Institute for Engineering Research and Publication on 10th October 2020.

27. Attended Webinar on "General Awareness to Educators & Institutions - Insights of National Education Policy - 2020" organized by Institute for Engineering Research and Publication on 13th October 2020.

28. Attended Webinar on "Recent Development in Nanostructured Metals and Alloys" organized by IFERP on 25th October 2020.

29. Attended Webinar on "Transformation of Business operations using Industry 4.0 Technologies" organized by Institute for Engineering Research and Publication on 31st October 2020.

30. Attended Webinar on "Teaching and Learning in Higher and Professional Education - the challenges and opportunities" organized by Institute for Engineering Research and Publication on 18th April 2022.

31. Attended Webinar on "Evolution of Intelligent Systems" organized by Institute for Engineering Research and Publication on 11th May 2022.

32. Attended Webinar on "Advanced Emerging Technologies, Research and Practical Application" organized by Institute for Engineering Research and Publication on 18th May 2022.

33. Attended Webinar on "Career After Engineering" organized by Institute for Engineering Research and Publication on 15th June 2022.

34. Attended Webinar on "How to Face Interview?" organized by Institute for Engineering Research and Publication on 29th June 2022.

35. Attended Webinar on "Celebrating 75 years of Self Sufficient India in Research & Innovation" organized by Institute for Engineering Research and Publication on 15th August 2022.

36. Attended Webinar on "India's 5G Future" organized by Institute for Engineering Research and Publication on 15th October 2022.

37. Attended Webinar on "Internet Security for All" organized by C-DAC, Bengaluru on Friday, 21st October 2022.

38. Attended Webinar on "Design-centric engineering in IIITDM - Challenges & Learn" organized by IIITDM Kancheepuram on 22nd February 2023.

Editorial Board Member – Scientific Research Journals

Sr. No.	Journal Name and Designation
1.	Hon. Editorial Board Member of Electrical, Electronics & Computer Engineering Research Journal (ISSN: 2229-9289) recognized by Innovative Scientific Research Professional Malaysia
2.	Hon. Editorial Board Member of Engineering Technological Research Journal (ISSN: 2229-9262) recognized by Innovative Scientific Research Professional Malaysia
3.	Hon. Editorial Board Member of Engineering Technology & Management Science Journal (ISSN: 2229-9254) recognized by Innovative Scientific Research Professional Malaysia
4.	Hon. Editorial Board Member of Technology Today Journal (ISSN: 2180-0987) recognized by Innovative Scientific Research Professional Malaysia
5.	Hon. Editorial Board Member of The Technology World Journal (ISSN: 2180-1614) recognized by Innovative Scientific Research Professional Malaysia
6.	Hon. Editorial Board Member of Engineering Today Journal (ISSN: 2180-0995) recognized by Innovative Scientific Research Professional Malaysia

7.	Hon. Editorial Board Member of Journal of Engineering Today, India (ISSN: 0974-8377) recognized by Innovative Scientific Research Professional Malaysia
8.	Hon. Editorial Board Member of Medical Technology World, Chennai, India. TN ENG/2000/6449 recognized by Innovative Scientific Research Professional Malaysia
9.	Hon. Editorial Board Member of Automotive Mechanical & Aerospace Engineering Research Journal (ISSN:2229-9270) recognized by Innovative Scientific Research Professional Malaysia
10.	Hon. Editorial Board Member of the Journal of Advanced Research in Intelligence Systems and Robotics recognized by ADR Publications
11.	Hon. Editorial Board Member of the Journal of Research & Review: Machine Learning and Cloud Computing recognized by MAT Journals
12.	Hon. Editorial Board Member of the Journal of Innovations in Data Science and Big Data Management recognized by MAT Journals

Reviewer – International Journals / Conferences

1. Worked as Reviewer on International Journal of Computer Science and Research in February 2019.

2. Worked as Reviewer on International Conference on Computational Intelligence and Emerging Power System: ICCIPS 2021 in March 2019.

3. Worked as Reviewer on International Society of Engineering, Education and Entrepreneurship (ISEEE) in April 2019.

4. Worked as Reviewer on International Journal of Electronic Finance (IJEF) in November 2019.

5. Worked as Reviewer on Various journals published by Inderscience Publisher
   Such as International Journal of Electronic Finance (IJEF) published by Inderscience Publishers in September 2022.

6. Worked as Reviewer on IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation – IATMSI in July 2022.

7. Worked as Reviewer on IEEE - International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), Maldives in November 2022.

Papers Reviewed :

1. Participated the peer to peer review process for a paper entitled "Social Media Sentiment, Tariffs, and International Equity Pricing" IJEF_269991 submitted for publishing in the International Journal of Electronic Finance (IJEF), published by Inderscience Publishers Ltd., November 2019.

2. Participated the peer to peer review process for a paper entitled "Internet of Things: Financial Perspective and associated security concerns", IJEF_244748 submitted for publishing in the International Journal of Electronic Finance (IJEF), published by Inderscience Publishers Ltd., June 2020.

3. Participated the peer to peer review process for a paper entitled "DIGITAL FINANCIAL INCLUSION DEMAND SIDE VS SUPPLY SIDE APPROACH", IJEF-305674, submitted for publishing in the International Journal of Electronic Finance (IJEF), published by Inderscience Publishers Ltd., Feb 2021.

4. Participated the peer to peer review process for a paper entitled "A Brief Study on Approaches for Extractive Summarization" for International Conference on Communication Information and Computing Technology 2021 (ICCICT-2021) from Sardar Patel Institute of Technology, Mumbai, India held on 25-27 June 2021.

5. Participated the peer-to-peer review process for a paper entitled "Hybrid Classification Model for the COVID-19 Prediction" for International Journal of Computer Theory and Engineering, Manuscript ID: IJCTE-7553, 22nd December, 2022.

Publications in International Journals/Conferences/Symposiums:

Number of papers published in Conferences/Journals/Symposiums: 180

- Number of publications in National Conferences   –   13
- Number of publications in International Conferences   –   08
- Number of publications in International Symposiums   –   02
- Number of publications in International Journals   –   157

Publication List:

1. "Grid FTP Protocol combined with Data Grid use for sharing files", Mrs. P. M. Chawan, Mr. Nitin R. Gavai, Ms. Mamta Meena, National Conference on emerging trends in Computing & Communication (ETCC-08) at NIT, Hamirpur, **30-31 Dec 2008**.

2. "Changes and challenges in Grid environment", Mrs. P. M. Chawan , Mr. Nitin R. Gavai, Ms. Mamta Meena, National Conference on emerging trends in Computing & Communication (ETCC-08) at NIT, Hamirpur, **30-31 Dec 2008**.

3. "Grid FTP: A Secure, Efficient Data Transport Mechanism", Mrs. P. M. Chawan, Mr. Nitin R. Gavai, Ms. Mamta Meena, National Conference on Recent Trends in Information Technology(NCRTIT2009) at Padmashri Dr. Vithalrao Vikhe Patil COE, Ahemadnagar, **21-22 Feb 2009**.

4. "Web Outlier Mining: Techniques for Mining Web Outliers", Jalapa D Mehta, Anokhi D Jadhav, Pramila Chawan , National Conference On Recent Trends In Computer Science & Information Technology(RTICSIT) at Guru Nanak Dev Engineering College, Mailoor Road Bidar, **8-9 May 2009**.

5. "Better Approach to Requirement Engineering with Agile Process", Nirmala Shinde, Mansi U Kulkarni, Pramila Chawan, National Conference On Recent Trends In Computer Science & Information Technology(RTICSIT) at Guru Nanak Dev Engineering College, Mailoor Road Bidar, **8-9 May 2009**.

6. "Smart Cards & Biometrics: Integration Of Two Growing Technologies", Archana S. Sumant & Pramila M. Chawan, International Conference & Workshop on Emerging Trends in Technology(ICWET 2010), **ISBN 978-1-60558-812-4**, **Feb 2010**.

7. "Data Mining Techniques To Facilitate The Integration Of Data In Data Warehouse", Archana S. Sumant & Pramila M. Chawan, National conference On Emerging Trends in

Computer Science and Information Technology, **January 2010**.

8. "Virtual Memory Subsystem in Linux Kernel 2.6 & Challenges", Archana S. Sumant & Pramila M. Chawan, National Conference on emerging ITs, **ISSN 0975-6949**, **April 2010.**

9. "Virtual Memory Management Techniques in 2.6 Kernel and Challenges", Archana S. Sumant & Pramila M. Chawan, International Journal of Engineering and Technology Press(IACSIT), **ISSN: 1793-8244 (Online Version), 1793-8236 (Print Version)**, **April 2010**.

10. "Building a Secured Wireless LAN", Rajni Pamnani and Pramila Chawan, ACEEE's International Journal of "Recent Trends in Engineering", Academy Publisher, Finland, **ISSN: 1797-9617 (Online Version)**, **Nov 2009**.

11. "Web Usage Mining - A Research Area in Web Mining", Rajni Pamnani and   Pramila Chawan, International Symposium on Computer Engineering & Technology (ISCET) **January 2010**.

12. "Object Oriented UML Modeling for ATM Systems", Rajni Pamnani and Pramila Chawan, International Symposium on Computer Engineering & Technology (ISCET) **January 2010**.

13. "Coordination of Multiple Mobile Robots using Collision avoidance", Rajni Pamnani and Pramila Chawan, The 2nd National Conference On Recent Trends in Computer Engineering (RTCE)*,* Department of Computer Engineering, Sinhgad COE, Pune -41, **January 2009**.

14. "A new algorithm to find K-shortest path in directed graph", Mrs. Pramila M. Chawan, Mr. Ganesh Kocharekar, Mr.Satish Salunkhe, The 2nd National Conference On Recent Trends in Computer Engineering (RTCE), **January 2009**.

15. "Retrieving images on World Wide Web", Mr. Sandip Shingade, Mr. Pravin Bansode, Mrs.

Pramila M. Chawan, The 2nd National Conference On Recent Trends in Computer Engineering (RTCE), **January 2009**.

16. "Kernel level synchronous system", Mrs. Pramila M. Chawan, Mr. Pavin Malviya, Mr. Rajeshkumar Chavan, The 2nd National Conference On Recent Trends in Computer Engineering (RTCE), **January 2009** .

17. "Better Approach to Requirement Engineering with Agile Process", Pramila Chawan, Nirmala Shinde, Mansi U Kulkarni, The 2nd National Conference On Recent Trends in Computer Engineering (RTCE), Department of Computer Engineering, Sinhgad COE, Pune -41, **May 2009**.

18. "Fuzzy Set Theoretic Framework for Knowledge Representation", Mrs. Pramila M. Chawan, Mr Satish Salunkhe, International conference "Recent Advance in Mathematical Science and application" by Gayatri Vidya Parishad(GVP) Institutions and International Fedaration of Nonlinear Analysts(IFNA), Visakhapatnam, **DOI 10.1007/978-1-4615-3640-6**, **Dec 2009**,

19. "Different Approaches for Software Project Management in Academic Environment", Mr. Sandip Shingade, Mrs. Pramila M. Chawan, 2nd International Conference on "Innovative Practices in Management and Information Technology for Excellence"- SRIJAN' 10, Jagadhri at Maharaja Agrasen Institute of Management & Technology (MAIMT), Jagadhri, **January 2010**.

20. "File sharing system for Mobile Devices using Data Grid Technology", Mr. Sandip Shingade Mrs. Pramila M. Chawan, 2nd International Conference on "Innovative Practices in Management and Information Technology for Excellence"- SRIJAN' 10, Jagadhri at Maharaja Agrasen Institute of Management & Technology (MAIMT), Jagadhri, **August 2010**.

21. "Web Page Prediction System based on Clustering Technique", Rajni Pamnani and Pramila

Chawan, The International Journal of Computer Science & Emerging Technologies (IJCSET), Volume 1, Issue 2, **ISSN-2044-6004 online**, **August 2010**.

22. "A Video Sharing Platform for mobile devices using Data Grid Technology", Mr. Sandip Shingade, Mrs. Pramila M. Chawan, The International Journal of Computer Science & Emerging Technologies (IJCSET), Volume 1, Issue 2, **ISSN-2044-6004 online, August 2010.**

23. "Commenting the Virtual Memory Management Kernel Source Code 2.6.31 for Educational Purpose", Archana S. Sumant & Pramila M. Chawan, The International Journal of Computer Science & Emerging Technologies (IJCSET), Volume 1, Issue 2, **ISSN-2044-6004 online, August 2010.**

24. "Towards the quality measurement of web content management system", Suman Ninoriya & Pramila M. Chawan, International Journal of Advanced computer Engineering, **Print ISSN: 0975 – 7783 Online ISSN: 0975 – 7791, January 2011**.

25. "CMS, LMS and LCMS for Elearning", Suman Ninoriya & Pramila M. Chawan, IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 2, March 2011, **ISSN (online): 1694-0814, March 2011**.

26. "Development of LCMS for collaborative Elearning", Suman Ninoriya & Pramila M. Chawan, International journal Advanced Research in Computer Science, **ISSN: 0976 – 5697, March 2011**.

27. "A Generic Filter Driver for file classification in Linux", Pravin Dilpak & Pramila M. Chawan, International Conference and workshop on Emerging Trends and Technology (ICWET-11), **Feb 2011**.

28. "A Comparison of Page Replacement Algorithms", Amit S. Chavan, Kartik R. Nayak, Keval D. Vora, Manish D. Purohit and Pramila M. Chawan, ACSIT International Journal

of Engineering and Technology(IJET-11), **April 2011**.

29. "Audio Streaming on mobile phones", AjinkyaPatil, ApurvaMayekar, ShrutiGurye, Varun Karandikar and Pramila M. Chawan, International Journal of Science and Engineering Research(IJSER), **ISSN 2229-5518, June 2011**.

30. "Oracle Real Application Clusters", Deepali kadam, Nandan Bhalwankar, Rahul Neware, Rajesh Sapkale, Raunika lamage and Pramila M. Chawan, International Journal of Science and Engineering Research (IJSER), **ISSN 2229-5518**, **June 2011**.

31. "Web Page Prediction Model: Using Web Usage Mining", Pravin C Dilpak, Pramila Chawan, International Journal of Advanced Research in Computer Science (IJARCS), Volume 2, No. 4, **ISSN No. 0976-5697**, **July-August 2011**.

32. "An Insight into the Importance of Requirements Engineering", Nikhil More, Bhushan Sapre & Pramila Chawan, International Conference on Computer Science and Engineering, Bangalore **2011**.

33. "Handling Mobility in Wimax", Pranit Chndrakant Patil, Pramila Chawan, International Journal of Computational Engineering & Management (IJCEM), Vol 14, **ISSN(Online): 2230-7893, October 2011**.

34. "Privacy and Trust Management in Cloud Computing", Mahesh Sale, Pramila Chawan, International Journal of Management, IT and Engineering, Vol 1, Issue 6, **ISSN:2249-0558**, **Nov 2011**.

35. "An Insight into the Importance of Requirements Engineering", Nikhil More, Bhushan Sapre & Pramila Chawan, International Journal of Internet Computing, , Vol. 1, Issue 2, **ISSN 2231-6965**, **2011**.

36. "Information Extraction from Web Tables", Mahesh Sale, Pramila Chawan, International

Journal of Engineering Research and Applications (IJERA),Vol. 2, Issue 3, pp. 313-318, **ISSN: 2248:9622**, **May-Jun 2012**.

37. "Improvement of K-Means clustering algorithm", Saurabh Bhonde, Pramila Chawan, International Journal of Engineering, Research and Applications(IJERA), Vol. 2, Issue 2, **ISSN 2284-9622**, **March 2012**.

38. "A study of Classification based Credit Risk Analysis Algorithm", Ketaki Chopde, Pratik Gosar, Paras Kapadia, Niharika Maheshwari, Pramila M Chawan, International Journal of Engineering and Advanced Technology(IJEAT), Volume-1, Issue-4, **ISSN: 2249 – 8958, April 2012**.

39. "Sentiment Analysis and Influence Tracking using Twitter", Rushabh Mehta, Dhaval Mehta, Disha Chheda, Charmi Shah, Pramila M. Chawan, International Journal of Advanced Research in Computer Science and Electronics Engineering(IJARCSEE), Vol 1, Issue 1, **ISSN: 2277 – 9043, March 2012.**

40. "Issues in Information Extraction from Web Tables", Mahesh A. Sale, Pramila M. Chawan, Prithviraj M. Chauhan, International Journal of Engineering Research & Technology (IJERT), Vol. 1, Issue 4, **ISSN: 2278:0181**, **June 2012**.

41. "Parsing of HTML Document", Pranit C. Patil, Pramila M. Chawan, Prithviraj M. Chauhan, International Journal of Advanced Research in Computer Engineering & Technology, Vol. 1, Issue 4, **ISSN: 2278-1323**, **June 2012**.

42. "Extracting Information From Tables of HTML Document", Pranit C. Patil, Pramila M. Chawan, Prithviraj M. Chauhan, The International Journal of Computer Science & Applications (TIJCSA), Vol. 1, No. 4, **ISSN: 2278-1080**, **June 2012**.

43. "Multi-viewpoint Based Similarity Measure and Optimality Criteria for Document Clustering", Saurabh Bhonde, P. M. Chawan, Prithviraj M. Chauhan, International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 2, Issue 6,

ISSN: 2277-128X, **June 2012**.

44. "Software Testing Strategy & Methodologies", Savita Chavan, Sheetal Thakare & Pramila Chawan, The International Journal of Emerging Technology and Advanced Engineering, Volume 2, Issue 4, (**ISSN 2250-2459) ISSN 2250-2459**, **April 2012**.

45. "Intergroup Conflict, Handling Modes in Communication Management", Aniruddha Tekade, Pankaj Ingle, Pramila Chawan, International Journal of Engineering and Advanced Technology(IJEAT**),** Volume-1, Issue-2, **ISSN 2249 – 8958**, **June 2012**.

46. "CCPM: TOC Based Project Management Techniques", Ganesh Gaikwad, Prashant Gosavi, Pramila Chawan International Journal of Engineering, Research and Applications(IJERA**),** Vol. 2, Issue 3, pp.1048-1052, **ISSN: 2248-9622, May-Jun 2012**.

47. "Software Project Quality Management", Kunal Jamsutkar, Viki Patil, P. M. Chawan International Journal of Engineering Research and Applications (IJERA), Vol. 2, Issue 3, pp.686-690, **ISSN: 2248-9622**, **May-Jun 2012**.

48. "Earned Value Management for Tracking Project Progress", Shatanand Patil, Akshay Patil, Prof. Pramila Chawan, International Journal of Engineering Research and Applications (IJERA), Vol. 2, Issue 3, pp.1026-1029, **ISSN: 2248-9622, May-Jun 2012**.

49. "Distributed Software Project Development", Anup Hande, Sunita Suralkar, P. M. Chawan, International Journal of Engineering Research and Applications (IJERA) , Vol. 2, Issue 3, pp.998-1003, **ISSN: 2248-9622**, **May-Jun 2012**.

50. "Software Testing Techniques and Strategies", Abhijit A. Sawant, Pranit H. Bari, P. M. Chawan, International Journal of Engineering Research and Applications(IJERA) , Vol. 2, Issue 3, pp.980-986, **ISSN: 2248-9622**, **May-Jun 2012**.

51. "Analysis of various Software Process Models", Ashwini Mujumdar, Gayatri Masiwal, P.

M. Chawan International Journal of Engineering Research and Applications (IJERA), Vol. 2, Issue 3, pp.2015-2021, **ISSN: 2248-9622**, **May-Jun 2012**.

52. "Risk Management Frameworks", Amit A. Guled , Amit A. Dange, P.M.Chawan International Journal of Computer Science, Information Technology, & Security (IJCSITS), Vol. 2, **ISSN: 2249-9555**, **May-Jun 2012**.

53. "Security: A Cloud Way", Rahul Shelke, Pramila Chawan, The 2009 World Congress in Computer Science Computer Engineering and Applied Computing (WORLDCOMP), Las Vegas, Nevada USA, **July 13-16, 2009**.

54. "An overview of Software risk management principles", Monali Chim, Vasundhara Rathod, P. M. Chawan International Journal of Advanced Research in Computer Engineering & Technology, Volume 1, Issue 3, **ISSN: 2278 – 1323**, **May 2012**.

55. "Parallel Algorithms for Matrix Multiplication", Sandip. K. Bhagat, Rahul P. Limbole, Abhijit L. Sangale, Sudhir B. Sawant, P. M. Chawan, International Journal of Networking & Parallel Computing, Volume 1, Issue 2, **November 2012**.

56. "Data Flow Computers" , Ajinkya Gadkari, Shrijit Pandey, Hari Har , P.M. Chawan, International Journal of Networking & Parallel Computing , Volume 1, Issue 2, **November 2012**.

57. "Parallel Computer Architectural Schemes", Mrs. P.M. Chawan, Bhagyashree Patle, Varshali Cholake, Sneha Pardeshi , International Journal of Engineering Research & Technology (IJERT), Vol. 1 Issue 9, **ISSN: 2278-0181**, **November- 2012**.

58. "Cache Memory Organization", Santosh S Padwal, Ashish P Duthate, Shivkumar Vishnupurikar, P. M.Chawan, International Journal of Networking & Parallel Computing, Volume 1, Issue 2, **November 2012**.

59. "Software Risk Management", P. M. Chawan, JijnasaPatil, Radhika Naik, International Journal Of Computers & Technology, Vol 6, No 1, **ISSN 22773061**, **May 2013**.

60. "Real Time Emotion Recognition through Facial Expressions for Desktop Devices", P. M. Chawan, Manan C Jadhav, Jinal Mashruwala, Aditi Nehete, Pooja Panjari, International Journal of Emerging Science and Engineering (IJESE), Volume-1, Issue-7, **ISSN: 2319-6378**, **2013**.

61. "Study of Data Mining Techniques used for Financial Data Analysis", Abhijit A. Sawant and P. M. Chawan, International Journal of Engineering Science and Innovative Technology (IJESIT), Certified Volume 2, Issue 3, **ISSN: 2319-5967 ISO 9001:2008**, **May 2013**.

62. "Comparison of Data Mining Techniques used for Financial Data Analysis", Abhijit A. Sawant and P. M. Chawan, International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com, Certified Journal, Volume 3, Issue 6, **ISSN 2250-2459, ISO 9001:2008, June 2013**.

63. "A Survey Of Page Replacement Algorithms In Linux", Vasundhara Rathod, Monali Chim, Pramila Chawan, International Journal of Engineering Research and Applications (IJERA), Vol. 3, Issue 3, pp.1397-1401, **ISSN: 2248-9622**, **May-Jun 2013.**

64. "Implementation of Page Replacement Algorithm with Temporal filtering for Linux", Vasundhara Rathod, Pramila Chawan, Journal of Engineering, Computer and applied science, Volume 2, No, **ISSN No: 2319-56066, June 2013**.

65. "Web Usage Mining", Pranit Bari, Pramila Chawan, Journal of Engineering, Computer and applied science, Volume 2, No, **ISSN No: 2319-5606**, **6 June 2013**.

66. "Page Interest Estimation using Apriori Algorithm", Pranit Bari, Pramila Chawan, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 2, Issue 6, **ISSN: 2278 – 1323**, **June 2013**.

67. "Linux and Windows Operating Systems", Monali Chim, Vasundhara Rathod, Pramila Chawan, "Journal of Engineering, Computer and applied science, Volume 2, No., **ISSN No: 2319-5606, 6 June 2013**.

68. "Comparison of the Linux and Windows Device Driver Architectures", Monali Chim, Vasundhara Rathod, Pramila Chawan, Journal of Engineering, Computer and applied science, Volume 2, No., **ISSN No: 2319-5606, 6 June 2013**.

69. "Consolidating User Search histories Using Query Groups", Varshali Cholake, Pramila Chawan, International Journal of Current Engineering And Technology, Volume 4, No. 4, **ISSN 2347 – 5161, Aug 2014**.

70. "Analyzing Uncertain Data By Building Decision Tree Using ID3 Algorithm", Bhagyashree Patle, Pramila Chawan, International Journal of Current Engineering And Technology, Volume 4, No. 4, **ISSN 2347 – 5161**, **Aug 2014**.

71. "Web Page Recommendation Using Web Mining", Modraj Bhavsar, Pramila Chawan, International Journal of Engineering Research And Applications, Volume 4, ISSUE 7, **ISSN: 2248-9622, July 2014**.

72. "Analytical Study of Spray And Wait Routing Protocol In Delay Tolerant Network", Supriya Tambe, Pramila Chawan, International Journal of Advanced Technology In Engineering And Science, Vol 2, ISSUE 7, **ISSN (online): 2348 – 7550**, **July 2014**.

73. "Ship Detection from SAR Imagery Using CUDA And Performance analysis of the System", Chaitanya Chandgude, Pramila Chawan, International Journal of Engineering Research And Applications, Volume 4**,** ISSUE 7(version 3), pp.223-228, **ISSN: 2248-9622**, **July 2014**.

74. "Evolution Of Modelling Techniques For Service Oriented Architecture", Mikit Kanakia, Pramila Chawan, International Journal of Engineering Research And Applications, Volume

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178. "Live CCTV Object Detection/Tracking and Storage of Expressive Footage:A Survey", Ankit Sharma, Arnav Zutshi, Mridul Sharma, Anshika Sharma, Prof. Pramila Chawan in **International Research Journal of Engineering and Technology(IRJET),e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume 10, Issue 12,December 2023**

179. "Facial Recognition Based Attendance System: A Survey", Mihir Ghanekar , Archita Sehgal, Shrishail Gouragond , Maitray Wani, Prof. Pramila Chawan in International Research Journal of Engineering and Technology(IRJET),e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume 10, Issue 11, November 2023 https://www.irjet.net/archives/V10/i11/IRJET-V10I11106.pdf.

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181. "A Comprehensive E-Learning Platform developed using MERN-Stack with Automated Grading Functionalities", Prasad Kandalkar, Yash Chindhe, Samarth Langote, Atharva Tarlekar, Prof. Pramila M. Chawan, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 11 Issue: 05 | May 2024, https://www.irjet.net/archives/V11/i5/IRJET-V11I505.pdf

182. "Facial Recognition based Smart Attendance System", Mihir Ghanekar, Archita Sehgal, Shrishail Gouragond, Maitray Wani, Prof. Pramila M. Chawan, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 11 Issue: 04 | Apr 2024, https://www.irjet.net/archives/V11/i4/IRJET-V11I475.pdf

183. "Enhancing Live CCTV Systems: Object Detection, Tracking, And Expressive Footage Storage", Ankit Sharma, Arnav Zutshi, Mridul Sharma, Anshika Sharma, Prof. Pramila M. Chawan, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 11 Issue: 04 | Apr 2024, https://www.irjet.net/archives/V11/i4/IRJET-V11I4336.pdf

Year-wise details of the work done at CE&IT Dept and Institute

Sr. No.	Details of work done in 2003-04
1	Written proposal to the 'World Bank' under 'TEQIP-I (Technical Education Quality Improvement Programme-Phase I) for Creating 'Central Computing Facility at VJTI' on which Rs. Eight Crore (Rs. 8:00 Cr) were sanction by The World Bank. Central Computing facility was set up through this grant, which is being used by all the Departments of V.J.T.I.
2	Worked as Treasurer - Association of Computer Enthusiast
3	Worked as Canteen Committee member, carried out tendering for selecting new contractor
4	Prepared Lab manuals for UG and PG Courses
5	Guided M. Tech. & B. Tech. Projects
6	Worked as Industry Academia Interaction Coordinator of the Computer Dept.

Sr. No.	Details of work done in 2008-09
1	Prepared Mandatory Disclosure document for VJTI
2	Worked as M. Tech. Admission Coordinator
3	Worked as Treasurer - Association of Computer Enthusiast
4	Worked as Canteen Committee member
5	Prepared Lab manuals for UG and PG Courses

6	Guided M. Tech. students about writing quality paper for publication
7	Worked as Industry Academia Interaction Coordinator of the Computer Dept.

Sr. No.	Details of work done in 2009-10
1	Participated in proposal preparation for starting new M. Tech. Program
2	Participated in UG syllabus revision
3	Worked as Treasurer - Association of Computer Enthusiast
4	Worked as Canteen Committee member
5	Prepared Mandatory Disclosure document for VJTI
6	Prepared lab manuals for UG and PG Courses
7	Guided M. Tech. students about writing quality paper for publication

Sr. No.	Details of work done in 2010-11
1	Worked as Lab In-charge for Computer Lab & as B. Tech Project Coordinator
2	Written AICTE proposals for fetching grant
3	Worked as UG syllabus revision committee member
4	Worked as Exam In charge (mid sem and end sem examinations)
5	Hostel students counseling for good behavior
6	Worked as Dept. Coordinator for preparing Annual Report
7	Worked as Department level Coordinator for preparing IDP for TEQIP II
8	Worked as CAP coordinator for End Sem Examination
9	Prepared lab manuals for UG and PG Courses

Sr. No.	
10	Written proposal to AICTE for modernization of M. Tech. project laboratory under MODROBS scheme
11	Worked as Dept. Coordinator- Industry Institute Interaction

Sr. No.	Details of work done in 2011-12
1	Dept. level work- general administration, teaching, examination, admission, students counseling, students record keeping etc.
2	Institute level work assigned by the Director, VJTI
3	Work assigned by DTE & Deputy Director of Technical Education
4	Worked as member on enquiry committee for enquiry in case of corruption at Thakur College of Engineering, Mumbai on DTE's order.
5	Worked as Department representative for Annual Report preparation committee
6	Worked as Mid & End Sem Exam Coordinator & CAP Coordinator
7	Worked as Guest lectures Coordinator
8	Worked as B. Tech. Projects Coordinator
9	Worked as a member of U.G Syllabus Revision Committee
10	Worked as Dept UG & PG Committee member
11	Worked as Regular & Contractual faculty selection committee member
12	Worked as TEQIP-II Coordinator for Computer Dept.
13	Worked as a member for Accreditation Document Preparation Committee
14	Written proposal to AICTE under MODROB scheme
15	Worked as faculty representative on CSI student's branch
16	Worked as Dept representative for Alumni association report
17	Worked as Dept representative/ Acting Head in absence of Head

18	Worked on committee for inspecting Sahyadry College of Engineering for opening of new programmes on the DTE's order.
19	Worked as Organizing Committee member for National Conference organized by CE&IT Dept. of VJTI

Sr. No.	Details of work done in 2012-13
1	Dept level work- teaching, examinations, admissions, general administration at Department
2	Institute level work - As assigned by the Director VJTI
3	Work assigned by DTE & Deputy Director of Technical Education
4	Worked as NBA Accreditation Coordinator for B. Tech. Computer Engineering. Programme. I had prepared Self Approval Report(SAR) for B Tech Computer Engineering Program which involved the following work - ● Data collection, data entry, data verification & typing work for preparing SAR and all other documents. ● Setting formal processes for establishment & revision of Vision, Mission of the Department & COs, POs & PEOs for the B. Tech. Computer Engineering Programme. ● Preparing Vision, Mission of the Department by following the formal procedure. ● Drafting COs, POs & PEOs of the Program by following the formal procedure. ● Developing CO, PO, PEO Assessment techniques, both Direct & Indirect Assessment Techniques and carrying out assessments for years 2011-12, 2012-13. ● Developing CO, PO Assessment Rubrics. And carrying out rubrics assessment for years 2011-12, 2012-13.

	• Designing various survey formats and conducting surveys such as alumni survey, employer survey, student exit survey, student feedback for year 2012-13. • Analyzing these surveys and obtaining COs, POs, PEOs Attainment results for years 2011-12, 2012-13. Plotting graphs for the same.
5	Worked as External expert for stock checking of Electrical Engineering Dept., VJTI
6	Worked as a member of Academic Council of VJTI
7	Worked as Timetable In-charge of Computer Dept.
8	Worked as Mid Semester Exam Coordinator of Computer Dept.
9	Prepared Annual Report of the CE&IT Dept.
10	Prepared Outlook survey report
11	Prepared information for uploading on AICTE Web Site
12	Written proposal to AICTE under RTS scheme
13	Written proposal for conducting workshop on "Software Testing"under TEQIP II
14	Prepared DSIR application for Computer Department
15	Worked as Acting/In-charge Head in absence of the Head, CE&IT
16	Guided four B. Tech. projects & four M. Tech. projects
17	Worked as Director's Nominee for Contractual faculty Interviews
18	Worked as Organizing Committee member for National Conference organized by CE&IT Dept. of VJTI

Sr. No.	Details of work done in 2013-14

1	Worked as NBA Accreditation Coordinator for B. Tech. Computer Engineering. Programme. Prepared Self Approval Report(SAR) for B Tech Computer Engineering Program which involved the following work – ● Data collection, data entry, data verification & typing work for preparing SAR and all other documents. ● Carrying out CO, PO, PEO assessments for year 2013-14. ● Carrying out CO, PO rubrics assessment for year 2013-14. ● Conducting surveys such as alumni survey, employer survey, student exit survey, student feedback for year 2013-14. ● Analyzing these surveys and obtaining COs, POs, PEOs Attainment results for year 2013-14. Plotting graphs for the same. ● Preparing SAR document and entering data into NBA site. Faced NBA visit in May 2014 which involved the following work – ● Prepared P30 files, collected all proof documents, verified those documents. ● Guided about course file preparation and prepared and maintained all files such as course files, lab manuals, budget files, minutes files etc. ● Conducted meetings, prepared and maintained minutes of meetings for producing at the time of NBA visit ● Trained Faculty(regular and contractual both), students, alumni. ● Carried out all designing & printing work - Banners, Boards, Result graphs, Name Plates etc. ● Prepared NBA Visit presentation & Head's Presentation and presented the same before the NBA visit experts. ● Guided faculty about drafting COs and assessing COs, POs, PEOs.

	Developed website for Computer Engineering & IT Department considering the NBA requirements and deployed the same before the visit – ● Coordinated website design work. ● Designed link structure for the web site. ● Prepared multimedia data to be uploaded.
2	Worked as Institute NBA Coordinator for developing Self Approval Report (SAR) for M Tech programs of five departments in VJTI. ● Collected all Institute information, prepared Institute sections and shared with all Departments involved. ● Developed CO, PO Assessment Rubrics and shared with all the Departments. ● Presented CO, PO, PEO Assessment techniques to all the departments.
3	Worked as a member on Academic Council, Department Academic Committee, Board of Studies of the CE&IT Dept.
4	Worked as Acting/In-charge Head in absence of the Head, CE&IT
5	Guided four B. Tech. projects & seven M. Tech. projects

Sr. No.	Details of the work done in 2014-15
1	Worked as NBA Accreditation Coordinator for B. Tech. Computer Engineering. Programme. Updated Self Approval Report(SAR) for B Tech Computer Engineering Program which involved the following work – ● Data collection, data entry, data verification & typing work for preparing SAR and all other documents. ● Carrying out COs, POs, PEOs assessments for year 2014-15. ● Carrying out CO, PO rubrics assessment for year 2014-15. ● Conducting surveys such as alumni survey, employer survey, student exit survey, student feedback for year 2014-15. ● Analyzing these surveys and obtaining COs, POs, PEOs Attainment results for year 2014-15. Plotting graphs for the same. ● Carried out critical analysis of NBA Committee visit report. ● Prepared strategic plan for removing deficiencies and weaknesses. ● Revised PEOs, POs, COs as per the NBA Committee recommendations. ● Guided faculty about drafting COs and assessing COs, POs, PEOs. ● Got the course files done from the faculty members.
2	Developed a CASE study of CO, PO, PEO Assessment using all Direct and Indirect Assessment tools and techniques for one complete year and shared it with all the Departments in VJTI. These techniques developed by me were adopted by all the departments and are being used by all.
3	Worked as a member of syllabus revision committee. Revised S. Y. B. Tech. Computer Engg. syllabus considering NBA Committee recommendations.
4	Worked for preparations of M Tech Admission work as M Tech Admission Coordinator for admissions June-July 2015.
5	Guided five M. Tech. Projects three B. Tech. Projects
6	Worked as member Academic Council, DAC, BOS

Sr. No.	Details of work done in 2015-16
1	Worked as Institute M. Tech. Admission Coordinator for Admissions July 2015.
2	Developed website for Computer Engineering & IT Department considering the NBA requirements and deployed the same including the latest updates - ● Coordinated website design work. ● Designed link structure for the web site. ● Prepared multimedia data to be uploaded
3	Worked as a NBA coordinator of the B. Tech. Computer Engineering Programme. The following work was carried out - ● Carried out the critical analysis of the NBA committee visit report ● Prepared Compliance report and sent to NBA. ● Prepared Pre-qualifier report and sent to NBA. Updated Self Approval Report(SAR) for B Tech Computer Engineering Program which involved the following work - ● Data collection, data entry, data verification & typing work for preparing SAR and all other documents. ● Carrying out CO, PO, PEO assessments for year 2015-16. ● Carrying out CO, PO rubrics assessment for year 2015-16. ● Conducting surveys such as alumni survey, employer survey, student exit survey, student feedback for year 2015-16. ● Analyzing these surveys and obtaining COs, POs, PEOs Attainment results for year 2015-16. Plotting graphs for the same. ● Guided faculty about drafting COs and assessing COs, POs, PEOs. ● Got the course files done from the faculty members.
4	Guided five M. Tech. Projects three B. Tech. Projects

Sr. No.	
5	Worked as a member of syllabus revision committee. Revised T. Y. B. Tech. Computer Engg. syllabus considering NBA Committee recommendations.
6	Worked as member Academic Council, DAC, BOS

Sr. No.	Details of work done in 2016-17
1	Worked as a NBA coordinator of the B. Tech. Computer Engineering Programme. The following work was carried out - Updated Self Approval Report(SAR) for B Tech Computer Engineering Program which involved the following work - ● Data collection, data entry, data verification & typing work for preparing SAR and all other documents. ● Carrying out CO, PO, PEO assessments for year 2016-17. ● Carrying out CO, PO rubrics assessment for year 2016-17. ● Conducting surveys such as alumni survey, employer survey, student exit survey, student feedback for year 2016-17. ● Analyzing these surveys and obtaining COs, POs, PEOs Attainment results for year 2016-17. Plotting graphs for the same. ● Guided faculty about drafting COs and assessing COs, POs, PEOs. ● Got the course files done from the faculty members.
2	Participated M. Tech. (NIMS) NBA Accreditation Process
3	Guided five M. Tech. Projects three B. Tech. Projects
4	Worked as a member of syllabus revision committee. Revised B.Tech. Computer Engg. syllabus considering NBA Committee recommendations
5	Worked as member Board Of Studies CE&IT Dept.

Sr. No	Details of work done in 2017-18 (upto Sept. 2017)
1	Worked as a Autonomy Extension Visit Coordinator of CE&IT Dept.
2	Guided four M. Tech. Projects two B. Tech. Projects
3	Developed website for Computer Engineering & IT Department considering the NBA requirements - ● Coordinated website design work. ● Designed link structure for the web site.

Sr. No	Details of work done in 2018-19
1	Worked as a Department Academic Committee (DAC) Member of CE&IT Dept.
2	Worked as a Board of Studies (BOS) Member of CE&IT Dept.
3	Guided five M. Tech. Projects two B. Tech. Projects
4	Published 13 International Journal Papers
5	Worked as a Syllabus revision Committee Member – B. Tech. Computer Engg
6	Worked as Editorial Board/ Review Committee on 5 International Conferences

Sr. No	Details of work done in 2019-20
1	Worked as a Department Academic Committee (DAC) Member of CE&IT Dept.
2	Worked as a Board of Studies (BOS) Member of CE&IT Dept.
3	Worked as a Syllabus revision Committee Member – B. Tech. Computer Engg
4	Guided five M. Tech. Projects two B. Tech. Projects
5	Worked as Editorial Board Member on 7 Scientific Research Journals

6	Worked as Organizing Member in 6 International Conferences
7	Worked as Lab-In-Charge for LAB-I of CE&IT Dept.
8	Published 13 International Journal Papers

Sr. No	Details of work done in 2020-21
1	Worked as a Department Academic Committee (DAC) Member of CE&IT Dept.
2	Worked as a Board of Studies (BOS) Member of CE&IT Dept.
3	Worked as a Syllabus revision Committee Member – B. Tech. Computer Engg
4	Guided four M. Tech. Projects two B. Tech. Projects
5	Guided eight U.G. Internships
6	Published 15 International Journal Papers
7	Reviewed 3 papers peer review
8	Worked as Editorial Board Member on 7 Scientific Research Journals
9	Reviewer on various Journals of Inderscience Publisher
10	Worked as Organizing Member in 2 International Conferences
11	NBA visit preparation – CO, PO, PEO assessment

Sr. No	Details of work done in 2021-22
1	Worked as a Department Academic Committee (DAC) Member of CE&IT Dept.
	Worked as a Board of Studies (BOS) Member of CE&IT Dept.
	Worked as a Syllabus revision Committee Member – B. Tech. Computer Engg
2	Guided five M. Tech. Projects two B. Tech. Projects

	Guided eight U.G. Internships
	Published 12 International Journal Papers
	Worked as Editorial Board Member on 7 Scientific Research Journals
	Reviewer on various Journals of Inderscience Publisher
	Worked as Organizing Member in 4 International Conferences
	Class Teacher of S. Y. B. Tech Computer Sem 3 and 4
	Arranged Alumni Guest lecture (UG)

Sr. No	Details of work done in 2022-23	Activity (Dept. / Inst.)
1	Worked as a Department Academic Committee (DAC) Member of CE&IT Dept.	Dept.
2	Worked as a Board of Studies (BOS) Member of CE&IT Dept.	Dept.
3	Worked as a Syllabus revision Committee – M. Tech. Computer Engg., NIMS and SE	Dept.
4	Guided five M. Tech. Projects three B. Tech. Projects	Dept.
5	Guided twelve U.G. Internships	Dept.
6	Published 12 International Journal Papers	Dept.
7	Published 1 International Conference Paper	Dept.
8	Worked as Editorial Board Member on 10 Scientific Research Journals and journals of ADR Publication	Dept.
9	Reviewer on various Journals of Inderscience Publisher, MAT Journals and various other journals	Dept.
10	Class Teacher of B. Tech. Computer Engg and F. Y. B. Tech. Computer Engg	Dept.

Sr. No	Details of work done in 2023-24	Activity (Dept. / Inst.)
11	Worked as a Coordinator for Criteria 2, M. Tech Computer Engg. NBA	Dept.
Sr. No	**Details of work done in 2023-24**	**Activity (Dept. / Inst.)**
1	Worked as a Department Academic Committee (DAC) Member of CE&IT Dept.	Dept.
2	Worked as a Board of Studies (BOS) Member of CE&IT Dept.	Dept.
3	Worked as a Syllabus revision Committee – M. Tech. Computer Engg., NIMS and SE	Dept.
4	Worked as a Syllabus revision Committee – B. Tech. Computer Engg – NEP 2020 Compliance Syllabus	Dept.
5	Guided Two M. Tech. Projects three B. Tech. Projects	Dept.
6	Guided twelve U.G. Internships	Dept.
7	Worked as Editorial Board Member on 10 Scientific Research Journals and journals of ADR Publication	Dept.
8	Reviewer on various Journals of Inderscience Publisher, MAT Journals and various other journals	Dept.
7	Class Teacher of B. Tech. Computer Engg	Dept.
9	Worked for Application Forms Scrutiny for permanent and teaching faculty positions appointment in Computer Department.	Dept.
10	Worked as an Enquiry Committee Member for Enquiry into the matter of Excess Fee charged to Against CAP students, for SPCE, Andheri	Inst.

M. Tech. Projects Guided:

Sr. No.	M. Tech. Projects Guided in 2011-12	Student Name
1	Semantic Web based Online Application for VJTI	Nikhil More
2	Cloud Computing based Groupware Application for VJTI	Mahesh Sale
3	Sequential Pattern Mining with Regular Expression Constraints	Saurabh Bhonde
4	Equity Data Manager	Pranit Patil

Sr. No.	M. Tech. Projects Guided in 2012-13	Student Name
1	Financial Data Analysis Using Data Mining Techniques	Abhijit Sawant
2	Mounting Linux Partition As Part Of Windows File System	Monali Chim
3	Page Replacement In Linux: Car With Temporal Filtering	Vasundhara Rathod
4	Page Interest Estimation Model: A Web Usage Mining Application	Pranit Bari

Sr. No.	M. Tech. Projects Guided in 2013-14	Student Name
1	Mitigation of Black Hole Attack in Delay Tolerant Network	Supriya Tambe
2	Developing Modeling Tool for SOMF	Mikit Kanakia
3	Full Detection and Human Movement Detection of Dementia Patient using Smartphone Technology	Bharat Shinde
4	Web Mining for Page Recommendation	Modraj Bhavsar
5	Organizing User Search Histories	Varshali Cholke
6	Decision tree for Uncertain Data	Bhagyashree Patle
7	Ship Detection from Geosciences Imagery using Parallel Computing	Chaitanya Chandgude

Sr. No.	M. Tech. Projects Guided in 2014-15	Student Name
1	User and Query Dependent Ranking for Web Databases	Manish Jansari
2	To Design and Implement Data Mining Application by using Top Down Approach	Satam Rakhi
3	Mitigating Impact of Insider Attack on Cloud	Mane Anita
4	Recommender System for Volunteers in Connection with NGO	Chavan Pooja
5	A Load Balancing Model Based on Cloud Partitioning for the Public Cloud	Shinde Priyanka

Sr. No.	M. Tech. Projects Guided in 2015-16	Student Name
1	Semantic Search System for Computer Languages using Ontology	Ankita Malve
2	Product Aspect Ranking using Probabilistic Algorithm	Charushila Patil
3	Fast Nearest Neighbor Search With Keywords In Spatial Databases Using Spatial Inverted Index	Sayali Borse
4	Modifying Three-tier Architectural Pattern for Separation of Concerns between and within Tiers	Rajendra Satpute
5	Comparison of Clustering based Feature Subset Selection Algorithms for High Dimensional Data	Vishnu Tore

Sr. No.	M. Tech. Projects Guided in 2016-17	Student Name
1	Clustering Data Stream based on Shared density between Micro-clusters	Karishma Nadhe
2	Utility Mining of Supermarket Dataset for Top K High Utility Item sets	Sharayu Fukey
3	A Secure Data Communication System Using Enhanced Cryptography And Steganography	Darshana Patil
4	Demand Value Identification Using Improved Vector Analysis	Shivnarayan Rajput
5	IoT Based Monitoring and Control System for Home Automization using Raspberry Pi	Sachin Surywanshi

Sr. No.	M. Tech. Projects Guided in 2017-18	Student Name
1	Cricket Score and Winning Predictor	Rameshwari Lokhande
2	Automic Attendance Monitoring System using RFID and IOT using Cloud as Data storage	Abhishek Pachpor
3	Diabetes prediction using Data Mining Techniques	Tejas Joshi
4	Clasification and Analysis of Mental State using EEG Signal	Priyanka Thorat

Sr. No.	M. Tech. Projects Guided in 2018-19	Student Name
1	Classification and Identification of Arrhythmia using Machine Learning Technologies	Haresh Nanarkar
2	Product Aspect Ranking using Sentiment Analysis	Shilpa Shendre
3	Customer Buying prediction using Machine Learning Technique	Shreyarsh Baderiya
4	Windows log investigator using Pattern Matching and Machine Learning for faster roof cause detection	Akshay Wankhade
5	Clustering Approach for Document Objects Using Machine Learning.	Priyanka Sonavane

Sr. No.	M. Tech. Projects Guided in 2019-20	Student Name
1	Data Leak Prevention System	Prasad Jadhav
2	Sentiment Analysis for Polarity Detection	Krishna Kale
3	Object Detection and Recognition of an satellite map images using deep learning	Shubham Pal
4	Finding Dominant Color in the Artistic Painting using Data Mining Technique	Piyush Atram

Sr. No.	M. Tech. Projects Guided in 2020-21	Student Name
1	Data Integrity and Privacy in Healthcare Management System	Ketaki Deshmukh
2	Depression Detection on Social Media using Machine Learning Techniques	Suyash Dabhane
3	Prediction of Parkinson's Disease using Data Mining	Rahul Zaveri
4	Real-Time Emotion Classification using Facial Expression Recognition	Abhishek Gurav

Sr. No.	M. Tech. Projects Guided in 2021-22	Student Name
1	Vulnerability Management System	Pravin Kharat
2	Prediction of Heart disease using neural network	Snehal Gavande
3	Recommendation System using Machine Learning Techniques	Shailesh Kalkar
4	A System for Detection and Prevention of Data Leak	Aishwarya Jadhav

Sr. No.	M. Tech. Projects Guided in 2022-23	Student Name
1	A Predictive Model for Career Analysis using Personality Traits	Rutuja Tarale

B. Tech. Projects Guided in 2016-17

Group No.	Project Title	Student Names
1	Encryption Algorithm for Real Time Applications	Soham Gandhi
		Pavan Birajdar
		Chinmay Karmalkar
		Mohil Mehta
		Abhay Kamath

Group No.	Project Title	Student Names
2	Multi-Client Real Time Communication using browser	Kajal Janghale
		Chetali Mahore
		Supriya Kakade
		Kirti Narbag
		Mayuri Thakare

Group No.	Project Title	Student Names
3	Secure Authentication using OR code for banking	Kaveri Kothe
		Madhura Tote
		Apeksha Kirdat
		Shital Somvanshi
		Isaivani Mathiyalagan

B. Tech. Projects Guided in 2017-18

Group No.	Project Title	Student Names
1	Recommendation System for Dining	Kaushal Suvarna
		Yash Goyal
		Jay Thakker
		Advait Bandiwadekar

Group No.	Project Title	Student Names
2	Distracted Driver Detection and Classification	Shreyas Satardekar
		Dharmin Shah
		Rohit Badugu
		Abhishek Pawar

B. Tech. Projects Guided in 2018-19

Group No.	Project Title	Student Names
1	A Secure File Storage & Retrieval using Blockchain Technology	Yash Ranka
		Jainam Bagrecha
		Kavish Gandhi
		Bhargav Sarvaria

Group No.	Project Title	Student Names
2	A Vision Based Hand Gesture Recognition System using Convolutional Neural Networks	Simran Shah
		Ami Kotia
		Kausha Nisar
		Aneri Udeshi

B. Tech. Projects Guided in 2019-20

Group No.	Project Title	Student Names
1	Visual Question answering using LSTM and CNN Techniques	Devangi Bhuva
		Riddhi Nisar

Group No.	Project Title	Student Names
2	Breast Cancer Prediction using Supervised Machine Learning Algorithms	Mamta Dilip Jadhav
		Zeel Suresh Thakkar

B. Tech. Projects Guided in 2020-21

Group No.	Project Title	Student Names
1	Accent Classification using Machine Learning	Saiprasad Somanathan Duduka
		Henil Jitendra Jain
		Virik Nitin Jain
		Harsh Pradeep Prabhu

Group No.	Project Title	Student Names
2	Detection of Diabetic Retinopathy using Machine Learning	Akash Raina
		Aryan Kokane
		Shubham Narole
		Gourhari Sharma

Group No.	Project Title	Student Names
3	A Neural Network Approach to Accent Classification	Saiprasad Duduka
		Henil Jain
		Virik Jain
		Harsh Prabhu

B. Tech. Projects Guided in 2021-22

Group No.	Project Title	Student Names
1	Consumer Purchase Intention Prediction System	Ajinkya Hazare
		Abhishek Kalshetti
		Pratik Barai
		Premsing Rathod

Group No.	Project Title	Student Names
2	Notespane – A community-based learning system	Pragati Bagul
		Devarshee Thokal
		Sayali Raigade
		Sanjyot Gambare

B. Tech. Projects Guided in 2022-23

Group No.	Project Title	Student Names
1	Stock Market Prediction Using Deep Learning	Aayush Shah
		Mann Doshi
		Meet Parekh
		Nirmit Deliwala

Group No.	Project Title	Student Names
2	Famer assistant and crop recommendation system	Vivek Rajput
		Ajinkya Deshmukh
		Utkarsh Patil
		Harshal Ushire

Group No.	Project Title	Student Names
3	Mutual Fund Recommendation System with Personalized Explanations	Aayush Shah
		Aayushi Joshi
		Dhanvi Sheth
		Miti Shah

B. Tech. Projects Guided in 2023-24

Group No.	Project Title	Student Names
1	Enhancing live CCTV systems: Object detection & expressive footage storage	Arnav Zutshi
		Ankit Sharma
		Mridul Sharma
		Anshika Sharma

Group No.	Project Title	Student Names
2	Facial recognition based Smart attendance monitoring system using Computer Vision	Archita Dinesh Sehgal
		Shrishail Gurubala Gouragond
		Maitray Rajesh Wani
		Mihir Ghanekar

Group No.	Project Title	Student Names
3	A Comprehensive E-Learning Platform developed using MERN-Stack with Automated Grading System	Samarth Langote
		Atharva Tarlekar
		Prasad Kandalkar
		Yash Chindhe

Internships Guided 2021

Sr. No.	Student ID	Name	Project Topic	Organization	Duration of Internship
1	181070002	Ajinkya Hazare	Web app monitoring the performance of Server and APIs	Fiserv India Pvt. Ltd.	9 weeks
2	181070028	Abhishek Kalshetti	A Multilingual landing page for PlanBima	PlanBima	9 weeks
3	181070048	Pratik Barai	Power BI Services	Fiserv India Pvt. Ltd.	9 weeks
4	181070049	Premsing Mallesh Rathod	Identification of NGPT	Economic Intelligence Unit	9 weeks
5	181071020	Sanjyot Ramesh Gambare	API integration of LearnIn	Techrupt Innovations Pvt. Ltd.	6 weeks
6	181071050	Sayali Rajendra Raigade	Verzeo EduTech	MVARO Pvt. Ltd.	9 weeks
7	181071068	Devarshee Thokal	Delegation Chain	Deutsche Bank Group	8 weeks
8	191071905	Pragati Prashant Bagul	Asset and Wealth Management	J. P. Morgan	4 weeks

Internships Guided 2022

Sr. No.	Student Id	Name	Project Topic	Organization	Duration of Internship
1	191080067	AAYUSH JIGNESH SHAH	Python based Log Processing	BARCLAYS	8 weeks
2	191080068	Aayush Nilesh Shah	Predictive analysis of Calculation Service Requests	Hilti Technology Solutions India	9 weeks
3	191070019	Ajinkya Vilasrao Deshmukh	Insurance Claim Project	Duck Creek Technologies	8 weeks
4	201081905	Dhanvi Sheth	Data Profiler and Report Factory	Fiserv India Pvt. Ltd.	8 Weeks
5	191080076	Harshal S Ushire	Campsite Management Project	Smartknower	10 weeks
6	191080026	Mann Alkesh Doshi	Real time DataStream Analysis Pipeline	Wells Fargo International Solutions Private LTD	9 weeks
7	191080055	Meet Mitesh Parekh	Short Term Electric Load Forecasting	PricewaterhouseCoopers Services LLP	8 weeks
8	191081069	Miti Shah	Frontend UI project and concrete sensors project	Hilti Technology Solutions India	9 weeks
9	191080022	Nirmit Rajesh Deliwala	Data Management Technology	Barclays	8 weeks
10	191070074	Utkarsh Ramkrushna Patil	Web design and development	Smartknower	10 weeks
11	191070003	Vivek Raju Rajput	Insurance Policy Project	Duck creek Technologies	8 weeks
12	191081034	Aayushi Nilesh Joshi	Feature development for internal API management tool	LinkedIn	12 weeks

Internships Guided 2023

Sr. No.	Student Id	Name	Project Topic	Organization	Duration of Internship
1	211071901	Archita Sehgal	1. Centralized Logging System. 2. Performance testing	Goldman Sachs	8 weeks
2	201070004	Arnav Zutshi	1. Video Chat Experience Improvement 2. SharePoint Online Portal Development and Exchange Online	Mondelez International	8 weeks
3	201080001	Ankit Sharma	EUC product with automated bulk data insertion	Citi	8 weeks
4	211070906	Shrishail Gurubala Gouragond	Pod Scorer System	UBS	8 Weeks
5	201080002	Mridul Sharma	Python Automation Framework	Citi	8 weeks
6	211070907	Maitray Wani	Resources Management System	Citi	8 weeks
7	201070070	Yash Shivaji Chindhe	Real-Time Sensor Data Management and Visualization of an IOT Platform with MongoDB, Node-RED and DevExpress.	Schneider Electric	8 weeks
8	201071002	Anshika Sharma	Documentation Framework For Enterprise Data	Manipal Cigna Health Insurance	8 weeks
9	201070066	Atharva Rahul Tarlekar	Courses: 1)Supervised Machine Learning: Regression and Classification. 2)Advanced Learning Algorithms. Project: Parallel K-means clustering using open MP	Veermata Jijabai Technological Institute	8 weeks
10	201070076	Samarth Parashram Langote	1.Supervised Machine Learning: Regression and Classification 2.Advanced Learning Algorithms Project:Breast Cancer Detection System	Veermata Jijabai Technological Institute	8 weeks

11	201070065	Prasad Kandalkar	1) Advanced Learning Algorithms 2) Unsupervised Learning, Recommenders and Reinforcement Project Name: Image compression using K-means Clustering.	Veermata Jijabai Technological Institute	8 weeks
12	201070011	Mihir Ghanekar	Data Assessment Framework	Mondelez International	8 weeks

Guest Lectures Organized:

Sr. No.	Date	Topic	Expert's Name & Designation
1	30/01/2008	Microprocessors	Mr. Mahesh Bhatkal, Director, ADM Pvt. Ltd
2	13/02/2008	Frontiers of Research in IT	Mr. Sumeet Rajwade, Tech. Director, Rediff
3	05/03/2008	e learning	Dr. Sasikumar, CDAC
4	12/03/2008	Data warehousing-case study	Delloite software
5	19/03/2008	Information Security	Citi Group
6	26/03/2008	Design thinking and Innovation	Mr. Pradeep Pendse, Dean Verticals, Welingkar Institute; VP, CSI
7	02/04/2008	O/S and Architecture	Citi Group
8	21/01/2009	Cyber Security	Dr. Shitute
9	18/02/2009	Data Mining	Ms.Rekha Ramesh, Shah and Anchor Kutcchi Engg College
10	25/03/2009	Object Oriented Analysis & Design	Mr. Pradeep Pendse, Dean Verticals, Welingkar Institute;VP, CSI
11	08/04/2009	IP Multimedia	Mr. M B Sayyad
12	12/12/2008	Sensor Networks	Dr. Ragade from Louiseville University

13	22/4/2009	Data warehousing	Mr. Kshitij Ashtekar, Accenture
14	2010-11	Virtual Classroom	Ms. Rekha Ramesh, Shah and Anchor Kutcchi Engg College
15	2010-11	Multimedia Systems	Mr. M B Sayyad
16	2010-11	Cloud Computing-I	Ms.Rekha Ramesh, Shah and Anchor Kutcchi Engg College
17	2010-11	Data Mining Applications	Ms.Rekha Ramesh, Shah and Anchor Kutcchi Engg College
18	2010-11	SAP Development	Mr. Pradeep Joshi, SAP Professional
19	2010-11	Cloud Computing-II	Ms.Rekha Ramesh, Shah and Anchor Kutcchi Engg College
20	2010-11	Network Storage Management	Dr. Shitute
21	2010-11	Computer Networking	Dr. Shitute
22	2010-11	Wireless Networks	Dr. Shitute
23	2010-11	MAC OS	Citi Group

Contribution to Society

Worked as 'Volunteer, Shree Datta Devasthan Trust, Ahmednagar, Maharashtra' & supported various activities of Shree Datta Devasthan Trust such as –

a. Trust runs Vedant Vidyapeethm – Veda Education (Gurukul) and all the Veda & Dharma related activities.
b. Trust also maintains cows (Goshala)
c. Trust performs various poojas, yagya for mankind kalyanam (for the benefit of mankind).

I am associated with 'Shree Datta Devasthan' since 1987 and I am a member of 'Shree Dattatray Satsang Mandal, Mumbai', a Satsang Mandal established under Shree Datta Devasthan Trust, Ahmednagar, Maharashtra since 1996. 'Shree Dattatray Satsang Mandal, Mumbai' runs You Tube channels for the spread of Veda knowledge and Adhyatmik knowledge. Knowledge is also spread through various What's up groups of which I am a member.

You Tube Channel Links –

https://www.youtube.com/watch?v=SKVk25M5Hio

https://www.youtube.com/channel/UC0AfUJoeEGC7F3fa12ELQcg

1. As a Devotee of 'Shree Datta Devasthan, Ahmednagar, Maharashtra', I have supported all the activities of Shree Datta Devasthan Trust through donations and by participating into the activities physically.
2. As a member of 'Shree Dattatray Satsang Mandal, Mumbai', I have supported the various activities of Mandal for the propagation of the philosophies of Vedant through print media (books) and social media (What's App, You Tube etc.) leading to healthy & ethical society by providing monetary support and thru' active participation.