

# CURRICULUM VITAE

<b>1. Name</b>	<b>: Prof. Dr. Mrs. Swati Sherekar</b>				
<b>2. Present Position</b>	<b>: Director &amp; Head, Incubation Centre And Senior Professor</b>				
	<b>P G Deptt. Of Computer Science &amp; Engg, Sant Gadge Baba Amravati University, Amravati</b>				
<b>3. Educational Qualification</b>	<b>: Ph. D. (Computer Science)</b>				
<b>4. Permanent Address</b>	<b>: Near Abhinav SBI Colony, Camp Amravati, 444602</b>				
<b>5. e-mail</b>	<b>: <a href="mailto:ss_sherekar@rediffmail.com">ss_sherekar@rediffmail.com</a> <a href="mailto:swatisherekar@sgbau.ac.in">swatisherekar@sgbau.ac.in</a></b>				
<b>6. Teaching Experience</b>	<b>: P.G. Level – 30 Yrs</b>				
<b>7. Research Experience</b>	<b>: 22 yrs</b>				
<b>8. Countries Visited</b>	<b>: Mauritius, Thailand, UAE, US, UK</b>				
<b>9. Research guidance</b>	<b>: Ph. D. Awarded/Guided -09, Registered -05 ME Dissertations guided- more than 26 MCA/M.Sc, Projects guided- More than 140</b>				
<b>10. Research Projects</b>					
• <b>Projects Completed</b>	<b>: Minor Research Project Funded by UGC. Major Research Project of AICTE under RPS of Rs.12.35 Lacs ASPECT IIT Pvt. Ltd for Development of ERP Solution Research and Innovation i-TBI project under DST of 5 Cr Startup India Seed Fund (SISF) (Govt. of India) 2.5 Cr.</b>				
• <b>Consultancy</b>					
• <b>Project Ongoing</b>					
<b>11. Research paper Publications</b>					
<b>International journals</b>	<b>: 140</b>	<b>Patens</b>	<b>: 08</b>		
<b>National journals</b>	<b>: 26</b>	<b>Copyrights</b>	<b>: 10</b>		
<b>Citation Index</b>	<b>: 1717</b>	<b>E-Content Develop</b>	<b>: 12</b>		
<b>Scopus Index</b>	<b>: 24</b>	<b>Book Chapters</b>	<b>: 10</b>		
<b>h-index</b>	<b>: 08</b>	<b>Syllabus Design</b>	<b>: 21</b>		
<b>i-10 index</b>	<b>: 07</b>	<b>MoUs</b>	<b>: 06</b>		
• <b>Noteworthy</b>					
• Shortlisted for post of <b>Vice-Chancellor</b> of SNDT, Mumbai					
• Shortlisted for post of <b>Pro Vice-Chancellor</b> of PAH Solapur University, Solapur					
<b>12. Research papers presented</b>					
• <b>National conferences</b>	<b>: 42</b>				
• <b>International conferences</b>	<b>: 48</b>				
<b>13. Invited talks (National/International)</b>	<b>: more than 114</b>				
<b>Session Chair</b>	<b>: more than 45</b>				



#### **14. Honours/ Awards /Recognition :**

- Best paper awards (03) in National Conferences
- IETE 2023- Brig M. L. Anand Award (National Level)
- “Outstanding Lady Engg Award” -2018 of IETE
- “ Hindi SeviSarswat Award” by HRD of GOI
- Awarded Fellowship of UGC under FIP
- “Woman of the Year” By Popular Channel
- “Jijau chi Lek” Award of SGBAU, Amravati
- Honored Fellow of IETE
- Member, State Level Quality Assurance cell (SLQAC), Govt. of Maharashtra
- Chairman & Member, NAAC Peer Team
- Member of Senate, SGB Amravati University
- Member of Academic Council, SGB Amravati University
- Chairman, Board of studies of Computer Science, SGBAU
- Member, Board of Innovation , Incubation &Enterprises, SGBAU
- Member, Board of National and International Linkages, SGBAU
- Member of Board of Information Technology (IT), SGB Amravati University
- Member of Academic Council of Government College of Engineering, Amravati
- Member of Board of studies of Computer Engineering, SGBAU
- Member of Board of studies of Computer Science, SGBAU
- Member of Board of studies of Computer Science, RTM Nagpur University, Nagpur
- Member of Board of studies of Computer Science, HVPM Autonomous, SGBAU
- Member, RRC, of Computer Science, SGBAU
- Member, RRC, of Computer Science& Engineering, SGBAU
- Member Secretary, Board of Research, SGB Amravati University
- Member Secretary, Board of Innovation , Incubation &Enterprises, SGBAU
- Member Secretary, Board of National and International Linkages, SGBAU
- Member Secretary, Board of Deans, SGB Amravati University
- Member, Board of Directors, Incubation Centre, SGBAU
- Member of DRC committee of Research of Computer Engineering of SMVDU, Jammu
- Member of Board of studies of Computer Science of SIES college Mumbai
- Member, Board of Research, PAHSUS, Solapur University, Solapur
- Member, RRC, PAHSUS, Computer Science, Solapur University, Solapur
- Member, Board of Innovation, Incubation, startups, PAHSUS, Solapur University
- Selection committee member at IIITD&M, Jabalpur
- Member, RRC, In Computer Science, RTM Nagpur University, Nagpur
- Member of Board of studies of Computer Science, RTM Nagpur University, Nagpur
- Member of Board of studies of Computer Science, Dr. BAMU , Chh. Sambhajinagar
- Member, RRC, In Computer Science, Dr. BAMU , Chh. Sambhajinagar
- Member of Board of Information Technology (BIT), PAHSUS, Solapur University
- Selection committee member at Solapur University & other institutes
- Member, RRC, In Computer Science, MGM University, Aurangabad
- Member, RRC, In Information Technology, MGM University, Aurangabad
- Member of Academic Council, Central University Jammu, Jammu

- Member of Board of studies of AIDS, P R Pote College of Engg, SGBAU
- Selection committee member for Professor at Central University Jammu, Jammu, NMU Jalgaon, DAVV Indore etc.
- AISEA- All India Startup & Entrepreneur Assoc – Vice president
- Worked as Warden, Girls Hostel SGB Amravati University, Amravati (2014-2021)
- Worked as Head, Department of Statistics, SGBAU (2022-2024)
- Worked as Head, Department of Mathematics, SGBAU (2022-2024)
- Worked as Director, Innovation, Incubation and Linkages, SGBAU (2021-2024)
- Presently working as Director & Head, Incubation Centre, SGBAU
- Shortlisted for post of **Vice-Chancellor** of SNDT, Mumbai
- Shortlisted for post of **Pro Vice-Chancellor** of PAH Solapur University, Solapur

**15. Member of learned Societies/ professional organizations:**

- Fellow of IETE (IETE - F 155656)
- Life member of ISTE (ISTE - LM 28430)
- Executive Council member of IETE Amravati Centre
- Member of CSI (CSI - M-155414)
- Member of IWSA- 2366
- Member of IEEE – 96896544
- Indian Science Congress – L42680

**16. Patent Published and Granted :**

1. Patent published with the no patent numbered 202021004297 dated 31-01-2020 and published on 23.04.2021 on “A Novel compression And Cache Based Mobile Cloud Computing Architecture”
2. Patent published with the no patent numbered 202041022520 dated 29-05-2020 and published on 04.09.2020 “An Architecture for classification of Attack and Non- Attack Network in Mobile Cloud Computing”
3. Patent Published : “Design of an Efficient Botnet Detection Technique Using Machine Learning” Patent Application No. 202221057700, Date of filing 09 October 2022, Publication Date 21-10-2022, Patent Office Journal No. 42/2022. Patent application search link :<https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>
4. Patent Published : “Design an algorithm for the detection of Face Spoofing attack by using machine learning” Dated on 08-10-2022, Application No. 202221057614, Patent Application Search Link <https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>
5. Patent Published : “Sentiment Analysis on Social Media by Natural Language Processing and Machine Learning”, Patent filed no. 202221056906, 10 Oct 2022. Patent application search link: <https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>.
6. Patent Published : “Method and System for predicting Grape Disease Using IoT Sensors and Machine Learning”, Patent Application No. 2023210559744 A, published on 13.10.2023
7. Patent Published: “Highest Common Divisor Circuit Design from Pseudocode” Patent Application No. : 202321022428 A dt 28.03.2023 and published in patent journal No. 17/2023 on 28/04/2023
8. Patent Granted for UK Design : Device for Mitigating Performance Issue in Mobile Cloud Computing. Design no.6366972 dated 24.05.2024 b

**Copyright Granted :**

1. Copyright granted For Literary work on “Face Spoofing with Technique with Application Certificate/Registration No.L-106973/2021 dated 26.08.21

2. Copyright granted for Literary work on “Social Media Sentiment Analysis with Certificate/ Registration No. L-107165/2021 dated 02.09.21
3. Copyright granted For Literary work on “Intelligent Cyber Security System” with Certificate/Registration No. L- 108613/2021 dated 22.10.21
4. Copyright granted For Literary work on for SQL Injection Attack Diary No. 22500/2021-CO/L, L-109785/2021 dated 28.12.21
5. Copyright granted :“Novel Proposed Approach for Detection of Botnet Attack” Copyright Diary no. – 20723/2022-CO/L, 01 October 2022. Copyright application status link: L121441/2023 dt: 13.04.2023 <https://copyright.gov.in/frmStatusGenUser.aspx>
6. Copyright granted: “Design and Development of an efficient Botnet detection technique ” Copyright Diary no. – 20722/2022-CO/L, 01 October 2022. Copyright application status link: L121443/2023 dt: 13.04.2023 <https://copyright.gov.in/frmStatusGenUser.aspx>
7. Copyright granted :“Sentiment Analysis on Social Media by Natural Language Processing and Machine Language”, Copyright Diary no. – 21211/2022-CO/L, 10 Oct 2022. Copyright L130924/2023 application status link: <https://copyright.gov.in/frmStatusGenUser.aspx>.
8. Copyright Granted “Grape Disease Prediction Using IoT and Machine Learning” Registration No. L133491/2023
9. Copyright granted on literacy work on “Comparative Analysis of Machine Learning Models on KDDCup and CCID datasets (Diary no. 5137/2025-CO/L)”. Certificate No.: LD-20250169252 Date of ROC 25.07.2025
10. Copyright granted on “A Machine Learning Approach for Detection of SQL Injection Attack” Application No. -11353/2025-CO/L, Certificate No. : LD-20250169396 Date of ROC 31.07.2025

#### **17. Contributed Book Chapters:**

1. Book chapter in CRC Press Taylor & Francis Group, in Demystifying Technologies for Computational Excellence Moving Towards the Society5.0, Titled as: “Mobile Web Service Architecture in Cloud Environment”
2. Book chapter in CRC Press Taylor & Francis Group, in - Cloud Computing for Society 5.0, Titled as : “Designing of Policy Data Prediction Framework in Cloud for Trending COVID-19 Issues over Social Media”
3. Book Chapter in Springer- Nature, Singapore on Data Engg and Communications Technologies :on Intelligent Data Communication Technologies and IoT : Springer Nature titled as “Analytical Classification of Sybil Attack Detection Techniques”
4. Book chapter in CRC Press Taylor & Francis Group, in - Cloud Computing for Society 5.0, Titled as : “A Novel Hybrid Method for Cloud Security using Efficient IDS for Agricultural Weather Forecasting System ”
5. Book chapter in CRC Press Taylor & Francis Group, in - Cloud Computing for Society 5.0, Titled as : “ Efficient Accessibility in Cloud Databases of Health Network with Natural Neighborhood Approach for RNN- DBSCAN ”
6. Book chapter in CRC Press Taylor & Francis Group, in - Cloud Computing for Society 5.0, Titled as : “ Optimal Clustering Scheme for Cloud Operation Management over Mobile AdHoc Network of Crop System”
7. Book chapter in CRC Press Taylor & Francis Group, titles “Cloud Based Health Monitoring of Agriculture Crop Using Machine Learning Approach” in Cloud Computing for Society 5.0 published by CRC Press, Taylor & Francis Group, FL,
8. Book chapter in CRC Press Taylor & Francis: “Taxonomy of Botnet Structure” Heterogeneous Computational Intelligence in Internet of Things HCIIT-2022, Bhopal, India, 19-20 December 2022 published by CRC Press, Taylor & Francis Group, FL, USA.

9. Book chapter in CRC Press Taylor & Francis: "Face Recognition System using CNN Architecture & its Model with its detection techniques using Machine learning" Heterogeneous Computational Intelligence in Internet of Things HCIIT-2022, Bhopal, India, 19-20 December 2022
10. Book Chapter in : "Analysis of Crime Against Bharat Girls and Women: Introduction to Women's Safety and Technology", Cloud Computing for Society 5.0, CRC Press, Taylor & Francis Group

**18. e-content development : Developed modules of the subject "Operating System" and "LMS"**

[https://youtu.be/W\\_s1qCsKmAU](https://youtu.be/W_s1qCsKmAU)  
<https://youtu.be/2pW3r9b8cYA>  
<https://youtu.be/9z3ZJBhg6AY>  
[https://youtu.be/3Cf\\_TLWysZQ](https://youtu.be/3Cf_TLWysZQ)  
<https://youtu.be/D4awoJyodQE>  
<https://youtu.be/6EFATrtbFWQ>  
<https://youtu.be/4fN24I0K41U>  
<https://youtu.be/-DH6qcktEQA>  
<https://youtu.be/4fN24I0K41U>  
[https://www.youtube.com/watch?v=3Cf\\_TLWysZQ&t=3s](https://www.youtube.com/watch?v=3Cf_TLWysZQ&t=3s)  
<https://youtu.be/2pW3r9b8cYA?list=PLLzyaUaCOwrNeqtcKEnA8VogRm4DHgWOQ>  
<https://www.sgbaukrc.ac.in/>  
<https://sgbaukrc.createonlineacademy.com/lessons/lesson/10/47/103>  
<https://sgbaukrc.createonlineacademy.com/programs/programs/10#signup>  
<https://sgbaukrc.createonlineacademy.com/programs/programs/10#signup>

**19. Academic Recognition**

- Member of Academic Council, SGB Amravati University
- Chairman, Board of studies of Computer Science, SGBAU
- Member, Board of Innovation , Incubation &Enterprises, SGBAU
- Member, Board of National and International Linkages, SGBAU
- Member of Board of Information Technology (IT), SGB Amravati University
- Member of Academic Council of Government College of Engineering, Amravati
- Member of Board of studies of Computer Engineering, SGBAU
- Member of Board of studies of Computer Science, SGBAU
- Member of Board of studies of Computer Science, RTM Nagpur University, Nagpur
- Member of Board of studies of Computer Science, HVPM Autonomous, SGBAU
- Member, RRC, of Computer Science, SGBAU
- Member, RRC, of Computer Science& Engineering, SGBAU
- Member Secretary, Board of Deans, SGB Amravati University
- Member of DRC committee of Research of Computer Engineering of SMVDU, Jammu
- Member of Board of studies of Computer Science of SIES college Mumbai
- Member, Board of Research, PAHSUS, Solapur University, Solapur
- Member, RRC, PAHSUS, Computer Science, Solapur University, Solapur
- Member, RRC, In Computer Science, RTM Nagpur University, Nagpur
- Member of Board of studies of Computer Science, RTM Nagpur University, Nagpur
- Member of Board of studies of Computer Science, Dr. BAMU , Chh. Sambhajinagar
- Member, RRC, In Computer Science, Dr. BAMU , Chh. Sambhajinagar
- Selection committee member at Solapur University & other institutes
- Member, RRC, In Computer Science, MGM University, Aurangabad

- Member, RRC, In Information Technology, MGM University, Aurangabad
- Member of Academic Council, Central University Jammu, Jammu
- Member of Board of studies of AIDS, P R Pote College of Engg, SGBAU

### **Contribution towards Syllabus Designing:**

- Syllabus design as per CBCS for B.Sc. (Computer Science, I.T., Computer Application, Computer Vocational, Non-Vocational)
- Syllabus design as per CBCS for M.Sc. (Computer Science,)
- Syllabus design as per CBCS for M.Sc. (Computer Software,)
- Syllabus design for Three Year M.C.A. as BoS Member (Computer Science Engg.)
- Syllabus design for Three Year P.G.D.C.S. as BoS Member (Computer Science Engg.)
- Syllabus design for Two Year M.C.A. as BoS Member (Computer Science Engg.)
- Syllabus design for B.E. (Computer Sci. Engg.) as BoS Member (Computer Science Engg.)
- Syllabus design for B.E. (Industrial IoT, AIDS) as BoS Member (Computer Science Engg.)
- Syllabus design as per NEP for B.Sc. (Computer Science, I.T., Computer Application, Computer Vocational, Non-Vocational) as a BoS. Chairman (Computer Science)
- Syllabus design as per NEP for M.Sc. (Computer Science,) as a BoS. Chairman (Com.Sci)
- Syllabus design as per NEP for M.Sc. (Computer Software,) as a BoS. Chairman (Com.Sci)Syllabus design as per CBCS for B.Sc. (Cyber Security) as a BoS. Chairman
- Syllabus design as per CBCS for B.Sc. (Data Science) as a BoS. Chairman (Comp Science)
- Syllabus design as per CBCS for Diploma in Applied Computer Technology as a BoS. Chairman (Com.Sci)
- Syllabus design as per CBCS for Diploma in Cyber Security as a BoS. Chairman (Comp Sci)
- Syllabus design as per CBCS for P.G. Diploma in Data Analysis as a BoS. Chairman
- Reviewer for various International / National Journals and Conferences
- Worked as session chair in National/International conferences
- Invited as- Key Note Speaker and Resource person for Invited Talks in International/National Conferences
- Syllabus Design of B. Voc. Courses:[1] Journalism and Media management [2] Animation2016
- Member Skill Development Program Syllabus of ICT skills under Adult & Continuing Education2017
- Syllabus Restructuring and Designing for MCA & PGDCS and BE Computer Engg., jun2019
- Technical Advisory Committee member National Conferences, 2018, 2019
- SET exam Observer, Dec 2019
- Member, University selection committee and other university committee, 2004-2020
- Member of syllabus designing & Framing of MSc (Comp. Science)2008
- Member of syllabus designing & Framing of M.Phil.(Computer Science),2008
- Member of syllabus designing & Framing of ME [CSIT] .2011
- Member of SEC (Subject Examination Committee) for MSc (Computer science), 2002-2020
- Member of syllabus revision of M.Sc. (Computer Software), 2008
- Member of SEC of BCS, 2010
- Member of syllabi revision committee of M.Sc. (Computer Science), 2010
- Member of subject expert for Redressal Committee, 2010 -12020
- Chairman &Member of LEC (for continuing the affiliation ), 2004-2020

- Syllabus formation committee of career oriented programs sanctioned by UGC, 2012
- Member of XI<sup>th</sup> Plan Committee

## 20. Contribution towards Women Empowerment Activities:

- All India level trainers for “**Capacity Building Program for Women** Working in Higher Education” of UGC.
- Established “Women Entrepreneurship Cell” under IIL, SGBAU
- Convener of Workshop - “**SwayamPrabha**” for Women Empowerment through Awareness about the New Educational Reforms, 9 Feb 2020 organized at Vidhya Bharti Mahavidhylaya, Amravati
- Coordinator of six days “**Capacity Building** Program for Women Working in Higher Education”, 13/01/2020 to 18 /01/2020, organized by HRDC, SGBAU.
- Coordinator of one-month **NSD-2020** on “**Women in Science**” 28-02-2020 to 20-03-2020, organized by SGBAU jurisdiction (all five Districts- including schools).
- Vidhyarthi Kalyan Committee to provide various facilities to University as well as affiliated college students, 2017-2020
- Convener of Short Term Course in “**Capability Building for Women**”, dated 14-19 July 2014 at ASC, SGB Amravati University
- Convener of STC on **Capacity building for Women, on 2014, 2018, 2019**
- Convener of STC on **Capacity building for Women** , Program Coordinator, HRDC, SGBAU, 3-8 Dec 2018, 3-8 Dec 2018
- Convener of Workshop - “**SwayamSiddya**” for Women Empowerment through Governance & Leadership, 12 Aug 2018 organized at Vidhya Bharti Mahavidhylaya, Amravati
- Member, Discipline and anti-Ragging committee of SGB Amravati University, 2015- 2020
- Co-coordinator of “Equal Opportunity Cell”, SGB Amravati University , 2010-2019
- “Working as **Warden of three Girls Hostels of University**, SGB Amravati University **2014 - 2021**
- Participated in “Capacity Building of Women Managers in Higher Education **SAM**” approved by UGC, New Delhi, at SGB Amravati University, Amravati during 4-8 Feb 2008.
- Participated in “Capacity Building of Women Managers in Higher Education, Training of Trainers **TOT**”, approved by UGC, New, Delhi held at Gujrath Vidhyapith, Ahmadabad, during 1-6 Dec 2008.
- Delivered an invited talk on “Secure Social Networking for Girls” at HVPM, Amravati on 30-9-13
- Delivered an invited talk on “Secure Social Networking” in Workshop on “Empowerment of Girls in Disaster Management: Beyond the Classroom”, dated **8 Mar 2013 International Women’s Day**, at PRMITR, Badnera
- Broadcast the on-line talk through Video Conferencing on “Network Security – Secure Social Networking for Girls” on the occasion of **International Women’s Day, 8-3-2014**.
- Delivered an invited talk on “Secure Social Networking For Girls” at 25<sup>th</sup> Orientation Program during 10-2-14 to 8-3-14.
- Delivered an invited talk on “Women and Governance” in Short Term Course in “Capability Building for Women”, dated 14-19 July 2014 at ASC, SGB Amravati University.
- Delivered an invited talk on “Safety & security of Women Through ICT” at National

Workshop for “Women connecting for leadership & change for SC Women faculty in Higher Education” , 3 -11-2015 at Mahila Mahavidyalaya, Nagpur

- Delivered an invited talk on “Women & ICT” in Orientation Program during 18-11-2015 to 15 -12-2015 , at ASC , SGB Amravati University, dated 27 – 11-2015
- Delivered an invited talk on “ICT in Higher Education” at National Workshop on “Competence Building Initiatives for Young Teachers” on dated 2 -02-2016 at Renuka College , Nagpur
- Delivered an invited talk on “Safety and Security of Women Through ICT” in Orientation Program during 22 Feb 2016 -19 Mar 2016 dated **08 Mar 2016 International Women’s Day**,at ASC , SGB Amravati University
- Delivered an invited Talks on, **“Safety and security of women in cyber world through ICT tools and techniques”**, Workshop on Women Empowerment, **8 Mar 2020, International Women’s Day at NSS, SGBAU.**
- Delivered an invited Talks on, “ Women and Governance 16 Jan 2020”, “Capacity Building Program for Women Working in Higher Education” 13-18 /01/2020 at HRDC, SGBAU
- Delivered an invited talk on “Women and Governance” at National STC on “Capacity Building for Women” at HRDC, SGB Amravati University, Amravati on 3-12-2018 to 8-12-2018
- Delivered an invited talk on “Cyber Attack & Cyber Security” and opportunities n challenges in Future computing” at National Refresher course on “Teaching , Learning and Technology”, at Solapur University, Solapur on 9-29 Dec 2018
- Delivered an invited talk on “Safety & Security of Women through ICT Tools and Techniques” at National Seminar on “Cyber security and Women,” at National Commission for Women & Yogeshwari Mahavidyalaya, Ambejogai on 22-03-2019
- Chaired the session at Capacity Building program for women working in Higher Education on Reforms in Education at HRDC, SGBAU, 2018
- Chaired the session for Safety & Security of Women through ICT Tools and Techniques, National Seminar on Cyber security and Women, 22-03-2019, National Commission for Women &Yogeshwari Mahavidyalaya, Ambejogai,
- Coordinated as Executive Council member for organization of IETE Zonal Seminar-2018, on “Techno-Socio Development Through Women Empowerment”, at JDIET,17 Mar 2018
- Organization of Online Workshop on “Women and Social Health” for Women During Pandemic 02.10.2020 considering social, psychological, Physical Health of women and Online Educational resources.
- Invited Talk on “Online Educational Resources” for Women in Online Workshop Dated 02.10.2020
- Invited Talk on “Women and Academic Leadership” in National Level STC on “Gender Sensitization” on 1.12.2020 organized by HRDC, Amravati University, Amravati
- Course Coordinator for short term course on women empowerment from 2nd - 07th Jan 2023 of HRDC , SGBAU

## **21. Activities rendered under IETE Amravati Centre of IETE, New Delhi, as a Fellow Member and Executive Council Member**

- Coordinated as Executive Council member for organization of IETE Zonal Seminar-2018, on “Techno-Socio Development Through Women Empowerment”, at JDIET,17 Mar 2018
- Executive Council member of IETE in organization of Awards Function of IETE, at

Amravati Center dated 9 Sept 2017

- Executive Council member of IETE in organization of IETE Zonal Seminar in IETE Amravati Centre, dated 17 Mar 2018
- Executive Council member of IETE in organization of IETE Annual Convention (AIC) at, Amravati Center dated 29-30 Sept 2018
- Coordinated as Executive Council member for organization of IETE Zonal Seminar-2018, on “Techno-Socio Development Through Women Empowerment”, at JDIET, 17 Mar 2018
- Coordinated as Executive Council member for organization of IETE Zonal Seminar-2017 (west-zone) on “Recent Trends in Engg & Technology”, 8 Sept 2017.
- Coordinated as Executive Council member for organization of IETE Workshop on “Awareness of New PhD Ordinance” in SGB Amravati University, 27 Dec 2016
- Organizing committee member for STTP on “Application Software in Science and Engineering”, Two weeks, PRMITR, Badnera ISTE, IETE, IEI Approved
- Delivered an invited talk on “Cyber Attacks & cyber Crimes” at National Conference on Sustainable Computing and communication for Development”, 12,13 Feb 2016 at PRMITR, Bandera Amravati
- Delivered an invited talk on “Cyber Attacks and Countermeasures” at National conference on **AIC National Convention** “Smart Engg for Sustainable Development” at IETE Amravati & PRMITR Badnera on 29-30 Sept 2018
- Chaired the session at Mid-Term Symposium, organized by IETE, New Delhi, 11,12 Apr 2015

**22. Administration experience :**

- Member of IQAC Core Committee, 2016- 2023
- Member of AQAR Committee, 2016-2021
- Member, Academic & Administration Audit of colleges committee, 2018
- Member, sub-committee of Board of Research, 2019
- Member, sub-committee of Board of College and University Development, 2019
- Member 48(3) computer Engg, 2019
- Member, curriculum development of MPhil, 2019
- Member, “University Social Responsibility Fund USR & CSR” committee of Student welfare, 2019
- Coordinator NSD -2020
- Member, Creation of e-learning platform for SGBAU, 2019
- Fit India Movement, organization, 26 Jan 2019
- SET exam observer Dec 2019, 2020, 2022
- Member, Library network committee, 2019
- Member, e--content development platform and virtual Classroom – developed, 2019
- Convener, Technical Committee, Assessors’ Orientation Program (AOP) for NAAC, Nov 2019
- Member of “University’s Unfair means committee, 2014-2020
- Coordinator for National Mathematical Day 2022
- Chairman and member of LEC committee, 2008-2020
- Academic & administrative audit preparation committee, 2016
- Member of selection committee and placement committee, 2010-2020
- Member of SEC (Subject Examination Committee) 2008-2020
- Vidhyarthi Kalyan Committee to provide various facilities to University as well as affiliated college students, 2017-2020
- Member, Specification committee for Purchase, 2014- 2020

- Member, Moderation of PET of University, 2018
- Team Manager for Badminton for Inter-Collegiate tournament. 2015-2020
- Selection committee of students for “Earn and Learn Scheme” of University.2017-18
- Member, Discipline and anti Ragging committee of University, 2015- 2020
- Member, Perspective plan committee for new courses, new colleges, additional classes, 2017
- Implemented the scheme of HRD for “Vittiya Sakshrata Abhiyan (VISAKA)”,2017
- Co-coordinator of “Equal Opportunity Cell”, 2012 -2019
- Academic & Administrative audit, 2018
- Member of Central Admission Committee of University, 2017
- Chairman of hostel admission committee, 2014 -2020
- Online admission committee for University and Hostel, 2016 - 2020
- Coordinator of Orientation Program of ASC(Academic Staff College)
- Being the Warden, NAAC preparation & presentation of University Girls Hostels,2015
- NAAC Mock & Peer team visit preparation Committee, 2014-2015
- Member of professional courses Admission Committee, 2004-2008
- Worked as admission committee member for MCA, 2000- 2005
- Worked as CTA (Chief Test Administrator) for MCA Entrance Exam
- Coordinator, Remedial coaching classes of the Department, 2005 - 2010
- Member of sub Committee of Steering committee of NAAC
- Worked as member of Ashwamedh Committee,2007
- Worked as polling officer for senate Election, 2000
- Worked as member and Convener of organizing Committee of NSD, 2002 -2020
- Worked as a Member of Organizing Committee for International Conf and National Conferences
- Worked as tabulator for University Exams, 2010 -2020
- Organizing team of Grand Microsoft AppFest 2012
- Member of unfair means committee of university, 2015 - 2020
- Member of “Research-cell” of university, 2012-2015
- Co-coordinator of “Equal Opportunity Cell”, 2010-2019
- Member, organization committee, Technical committee for AOP Assessor Orientation Program of NAAC, Nov 2019
- Member, Library network committee, 2019-20
- Member, e--content development platform and virtual Classroom – developed, 2019-2020
- Member, “University Social Responsibility Fund USR & CSR” committee of Student welfare
- **“Working as Warden of three Girls Hostels of university, 2014 – 2020**
- Organization of checkup camp of Blood group, BMI, Hemoglobin at Girls hostel
- Organizes Annual Gathering, sports and prize distribution program of Girls Hostel
- Organizes invited talks on Diet counseling for girls at Girls Hostel
- Development of girls FITNESS CENTRE, of Girls Hostel
- Organization of Community work conducted under IWSA(Indian Women Scientists Association), 2008-2020
- Member, Research Center recognition of SGBAU
- Nodal Officer of Avishkar
- Member RAC Research Advisory Committee
- Coordinator PhD Course Work- ICT module II
- Chairman PhD Entrance Exam- Research Methodology, SGBAU
- Coordinator for National Mathematical Day 2022

### 23. Contribution in scholastic activities

- Participated in the Workshop on “Syllabus Revision of MCA/ME/BE/MSc”
- Participated in the Workshop on “Awareness of New PhD Ordinance”

- Participated in the Workshop on “Intellectual Property Rights”
- Participated in the Workshop on RTI – 2005”
- Participated in the workshop of “Microsoft AppFest” 2012
- Participated in the State level workshop on “New Education Policy”
- Participated in the Symposium on “Women’s Contribution in Sciences”
- Participated in the Training program on Sexual Harassment of Women at Workplace [Act 2013]
- Participated in Workshop on “UGC Draft “on dated 27-feb-2018 at SGBAU
- Participated in Workshop on “Empowerment of Health & Legal aspects of university women employee” during 8 march 2018 at Home Science Dept. SGBAU
- Participated in the Workshop on “Syllabus Revision of MCA/ME/BE/MSc”23 Dec 16
- Participated in the Workshop on “Awareness of New PhD Ordinance” 27 Dec 2016
- Participated in Online Workshop on “Women and Social Health” for Women During Pandemic 02.10.2020 considering social, psychological, Physical Health of women and Online Educational resources.
- Participated in Workshop on “Matlab” by Mathsworks Inc, 10 Apr 2015 at Deptt of Comp Sci &Engg, SGBAU
- Participated in “Big- Data Technology” , 30 Oct 2015 at Brijlal Biyani Sci. College, Amravati
- Participated in “Vigilance Awareness Week”, during 26-10-2015 to 31-10-2015 at Deptt of Comp Sci.&Engg, SGB AU and BOM
- Participated in Workshop of Microsoft on “Cloud computing and IOT” during 28,29 Mar 2016 at Deptt of Comp Sci.&Engg, SGB AU and Microsoft
- Participated in STTP on “Internet of Things and Embedded Systems ” on dated 21-30 Nov 2016., **Two weeks at PRMITR**, Badnera, approved by ISTE, IETE, IEI.
- Participated in STTP on “Soft Skills , LMS And E- Content Development” on dated 2-7 Jan 2017, duration **Two weeks at SGB Amravati University**.
- Participated in Workshop on “Syllabus Revision of MCA/ME/BE/MSc” duration **One Day at** Deptt of Comp Sci.&Engg, SGB Amravati University.
- Participated in Workshop on “Awareness of New PhD Ordinance” duration **One Day at** Deptt of Comp Sci.& Engg, SGB Amravati University.
- Participated inTraining program on Sexual Harassment of Women at Workplace [Act 2013]duration **One Day** at SGB Amravati University.
- Participated in Symposium on “Women’s Contribution in Sciences” duration **One Day at** SGB Amravati University.
- Participated in State level workshop on “National Education Policy” duration **One Day at** SGB Amravati University.
- Participated in Workshop on RTI – 2005” duration **One Day at** SGB Amravati University.
- Participated in Workshop on “Intellectual Property Rights” duration **One Day** SGB Amravati University.
- Participated as Coordinator for workshop on “Team Work”, Life Coping Skill Development center, SGBAU 14 - 16 Feb. 2018
- Participated as Coordinator in Personality Development Life Coping Skill Development center, SGBAU, 7 – 9 March 2018
- Participated in Workshop as Coordinator in Group Discussion, Applied Skill Development Center, SGBAU on 30 Jan -6 Feb 2018
- Participated as Convener NSD- 2018, NSD- 2018 duration 28 Feb. – 26 Mar 2018
- Participated in as Convener in Workshop For Scholars ASC, SGBAU duration 22-24 Mar 2018
- Participated in Workshop on NAAC, IQAC, SGBAU duration 19 & 20 Apr 2018
- Participated in IETE Awards, IETE, Executive Committee, Amravati Center 9 Sept 2017
- Participated in IETE Zonal Seminar, IETE, Executive Committee, Amravati Center 17 Mar 2018

- Participated in IETE Annual Convention (AIC), IETE, Executive Committee, Amravati Center duration 20-24 Sept 2018
- Participated in Refresher course on Innovations & Best Practices in Educational Skills, On-line, Swayam platform (MOOCS)
- Participated in Workshop on Role of BOS in Curriculum planning 10 March 2019 duration **One day at** VidyaBharti college, Amravati
- Participated in Workshop on Stimulation of Research Supervisors duration **One day at** Deptt. of Education, SGBAU
- Participated In Workshop on Health Awareness for Collage/University Girls, 11.10.18 duration **One Day**, Women's Study Centre
- Participated in Workshop -“Swayamsiddha for Women Empowerment through Governance & Leadership **One Day at** Vidhya Bharti Mahavidhylaya, Amravati
- Participated in Workshop on User Experience Design & User Design Ux& UI design **One Day at** Deptt. of Computer Sci.&Engg, SGBAU
- Participated in Annual IETE convention -2018 duration **Two days**, IETE New Delhi & IETE Amravati Centre
- Participated as Secretary in Workshop on Soft skills Training for Mathematical sciences duration **Two day** at Dept of Maths & Deptt of Comp Sci.&Engg, 15, 16-03-2019
- Participated in Workshop on NAAC on 16-6-2019, **One day at** SGB Amravati University, Amravati
- Participated in Workshop for Equal Opportunity cell for Specially Abled Persons 13-07-2019, **One day**, Equal Opportunity Cell, SGBAU
- Participated in organization and participation in PhD course work duration **16 weeks at** Deptt. of Computer Sci.& Engg, SGBAU
- Participated as Convener- Workshop -“**SwayamPrabha**” for Women Empowerment through Governance & Awareness of Educational Reforms on 9 Feb 2020, **One Day at** Vidhya Bharti Mahavidhylaya, Amravati
- Participated as Coordinator for “**Capacity Building** Program for Women Working in Higher Education” 13-18 /01/2020, duration **Six Day at** HRDC, SGBAU
- Participated as Coordinator- **NSD-2020** on “Women in Science” 28-02-2020 to 20-03-2020duration **One month at**SGBAU jurisdiction (all five Districts- including schools)
- Participated in Convener- **Google Classroom** training for teachers of University Campus & affiliated college teachers 30-08-2019, **One day**, Board of IT &Dept. of Computer Sc., SGBAU
- Participated as Convener- Annual Day program of Girls Hostel, **One Week**, Girls Hostel, SGBAU
- Participated as Prof In – Charge of Computer Science Society, **Academic year**, Deptt. of Computer Sc., SGBAU
- Participated inorganized Three days Meditation program at Girls Hostel duration **Three Days**, Girls Hostel, SGBAU
- Participated in one week STTP on “Outcome Based Education by NBA” 2-6 Dec 2019 duration **One Week at** PRMITR, Amravati
- Participated in one week STTP on “Hands on Practice for ARPIT program” 9-14 Sept 2019 duration **One Week at** HRDC, SGBAU
- Participated in Three days workshop on “Augmented Reality” 16-18 Sept 2019 duration **Three Days at** BrijlalBiyani College Amravati
- Participated in Workshop on AICTE: Norms, STD, & Quality Initiative duration **One Day** SGBAU
- Participated in National level one week on-line FDP on G- Suit and allied tools for Teaching and e- content development at PG Department of Computer Science & Engg, SGBAU duration 29.6.2020 to 4.7.2020
- Participated in National Level One Day Webinar on Startup, Business, Innovation Schemes of

Ministry of MSME, Innovation and Incubation Centre &Dept of Computer Science, SGBAU 27.8.2020

- Participated in On-line celebrations of Innovation Day, Innovation and Incubation Centre & Deptt of Computer Science, SGBAU, 15.10.2020
- Coordinated for organizing National Webinar on Revised NAAC Assessment & Accreditation Process, IQAC, SGBAU, 4.7.2020
- Coordinated for organizing Awareness Program of Academic Audit **SGBAU**, 21-23 Sept 2020
- Coordinated for organizing Training Program of Academic Audit, **SGBAU**, 25.09.2020
- **Prof In – Charge** of Computer Science Society **CSS.**, For Academic year CSS, Deptt. of Computer Sc., SGBAU
- Coordinator- Workshop -“Women and Social Health” for Women Professors for Awareness of New Educational Reforms in Higher Education during COVID, 2-10-2020, **One Day**, Online mode
- Organization of Day celebration prog: **Teachers Day, For Academic year**, CSS, Deptt. of Computer Sci., SGBAU
- Coordinator, STC on Leadership Development Program duration **One week at** HRDC, SGBAU
- Participated in workshop on New Curriculum Development 25.9.2021 by BoS (CSE).
- Participated in webinar- on the occasion of World IPR day: National Intellectual Property Rights and IP management for Startups Innovation and Incubation Centre & Deptt of Computer Science, SGBAU, 30 Apr 2021
- Participated in Two Days Virtual Workshop on Startup, Entrepreneurship Boot Camp : For Idea Stage Entrepreneurs, Innovation and Incubation Centre &Dept of Computer Science, SGBAU duration 3,4 May 2021
- Participated in STTP on Artificial Intelligence and Machine Learning duration 12-16 July 2021 ATAL, AICTE
- Participated in Design Thinking course, duration 31.03.2022- 06.04.2022, Turnip International
- Participated in workshop on New Curriculum Development with CBCS & NEP scheme 24.3.2022, by Academic Section, SGBAU

#### **24. Organization of Activities (workshop/seminars/conferences/ Training Programs)**

(at SGB Amravati University and Department Level) (**Academic Leadership**):

- Worked as Coordinator for Orientation Program of ASC of SGB Amravati University, 2012
- Convener of Workshop - “**Swayam Prabha**” for Women Empowerment the. Governance & Leadership, 9 Feb 2020 organized by Vidhya Bharti Mahavidhylaya, Amravati
- Coordinator of six days “**Capacity Building** Program for Women Working in Higher Education”, 13/01/2020 to 18/01/2020, organized by HRDC, SGBAU.
- Coordinator of one-month **NSD-2020** on “Women in Science” 28-02-2020 to 20-03-2020, organized by SGBAU jurisdiction (all five Districts- including schools).
- Convener of **Google Classroom** one day training for teachers of University Campus &affiliated college teachers on 30-08-2019, organized by, Board of IT &Dept. of Computer Sc., SGB Amravati University.
- Member, Organizing committee, Workshop on “National Education Policy”. 2 Sept 2018
- NSD committee member and convener, every year
- Member, Specification committee, for Purchase 2014-2020
- Organization of “Vigilance Awareness week” 2016-2019
- Organization committee member for various skill development committees

- Organization of University level Cultural event
- Organization of workshops under Life coping skill center, 2016-18
- Organization of workshops on “personality development”2016-18
- Organization of workshops on “communication skills”2016-18
- Organization of workshops on “skills at workplaces”2016-18
- Organization of workshops on Academic skills under Academic skills development center
- Organization of checkup camp of Blood group, BMI, Hemoglobin at Girls hostel
- Organizes Annual Gathering, sports and prize distribution program of Girls Hostel
- Organizes invited talks on Diet counseling for girls at Girls Hostel
- Development of girls FITNESS CENTRE, of Girls Hostel
- Judges for various competitions of different competitions under UGC XII plan
- Organization of “Vigilance Awareness week” in conjunction with BOM with Speech Competition , 2016- 2018
- Organization of Co-curricular activities for students under CSS
- Organization of Community work conducted under IWSA, 2008-2020
- Organization of students competitions Every year
  - i. Poster Competition
  - ii. Elocution competition
  - iii. Programming competition
  - iv. Software Development competition
  - v. Paper Presentation competition
  - Vi. Debugging Competition
  - Vii. Blind Programming Competition
  - Viii. Seminar Competition
  - iX. Startup Competition
- Organization of Various Day celebration programs Teacher’s Day, Engineer’s Day, International Women’s Day , Environmental Day etc., Every year
- Organization of Inauguration of Computer Science Society , Every year
- Organization of Tree plantation Program, Shramadan, cleanliness campaign
- Prof. In charge of Computer Science Society, Every year
- Organization committee member of “Indradhnushya” 2014
- Organization STTP on “Capacity Building for Women” 2014, 2017, 2018,2019
- Member of organization of “Microsoft Workshop” By Deptt. 2015
- Convener of Workshop - “**Swayam Prabha**” for Women Empowerment the Governance &Leadership, 9 Feb 2020 organized by Vidhya Bharti Mahavidhylaya, Amravati
- Coordinator of six days “**Capacity Building** Program for Women Working in Higher Education”, 13/01/2020 to 18 /01/2020, organized by HRDC, SGBAU.
- Coordinator of one-month **NSD-2020** on “Women in Science” 28-02-2020 to 20-03-2020, organized by SGBAU jurisdiction (all five Districts- including schools).
- Convener of **Google Classroom** one day training for teachers of University Campus & affiliated college teachers on 30-08-2019, organized by, Board of IT &Dept. of Computer Sc., SGBAU.
- Coordinator of Communication Skills workshop under Life Coping Skill Development center, SGBAU, 28-30-08-2018
- Coordinator of Interviewing skills workshop under Applied Skill Development Center, SGBAU, 28-01-2019 To 05-02-2019
- Convener of STC on Capacity building for Women , Program Coordinator, HRDC, SGBAU, 3-8 Dec 2018, 3-8 Dec 2018
- Coordinator for the Workshop on “Team Work” in Life Coping Skill Development center at

SGBAU dated 14 - 16 Feb. 2018

- Coordinator for the Workshop on “Personality Development” in Life Coping Skill Development center at SGBAU date d7 – 9 March 2018
- Coordinator for the Workshop on “Group Discussion” in Applied Skill Development Center at SGBAU on dated 30 Jan -6 Feb 2018
- Convener NSD- 2018 in NSD- 2018at SGBAU dated 28 Feb. – 26 Mar 2018
- Executive Council member of IETE in organization of Awards Function of IETE, at Amravati Center dated 9 Sept 2017
- Executive Council member of IETE in organization of IETE Zonal Seminar in IETE Amravati Centre, dated 17 Mar 2018
- Executive Council member of IETE in organization of IETE Annual Convention (AIC) at, Amravati Center dated 29-30 Sept 2018
- Coordinated as Executive Council member for organization of IETE Zonal Seminar-2018, on “Techno-Socio Development Through Women Empowerment”, at JDIET,17 Mar 2018
- Coordinated as Executive Council member for organization of IETE Zonal Seminar-2017 (west-zone) on “Recent Trends in Engg& Technology”, 8 Sept 2017.
- Coordinator for National Science Day 2020
- Nodal Officer of Avishkar, Research Convention of University
- Member RAC Research Advisory Committee
- Coordinator for National Mathematical Day 2022
- Convener of National Level Startup Fest -2022, on 5-6 May 2022
- Course Coordinator for short term course on **Women Empowerment** from 2nd - 07th Jan 2023

## 25. Academic Participations and Contributions

- Participated in STTP on “Microcontrollers & Applications” AICTE- ISTE approved, during 15 – 27 Mar 2004 at ,Govt. College of Engg., Amravati
- Participated in STTP on “Digital Computer Network” AICTE- ISTE approved, during 17 – 30 Oct 2002, at College of Engg. Badnera.
- Participated in STTP on “Digital Signal Processing using MATLAB” AICTE- ISTE approved, during 21-25 Apr 2008 at PRMITR, Badnera
- Participated in “Capacity Building of Women Managers in Higher Education SAM” approved by UGC, New Delhi, at SGB Amravati University, Amravati during 4-8 Feb 2008.
- Participated in “Capacity Building of Women Managers in Higher Education, Training of Trainers TOT”, approved by UGC, New, Delhi held at Gujrath Vidhyapith, Ahmadabad, during 1-6 Dec 2008.
- Participated in “Mission 10X” 21-25 Dec 2009, PRMITR, Badnera, ISTE- Wipro Refresher course on Computational Science 9-30 Mar 2012, SGB Amravati University. ASC,SGB Amravati University
- Participated in STTP(two weeks) on “Network Security –FDPNS-13” AICTE sponsored., 15 - 26 April 2013 at PRMITR, Badnera., AICTE sponsored at PRMITR, Badnera.
- Refresher course in computational Science, 9-30 Mar 2012, Academic Staff College, SGB Amravati University
- Participated in STTP on “Application of open source software in science & technology” (2012-13), 29 Oct-8 Nov 2012, at PRMITR, Badnera. , AICTE- ISTE
- Participated in STTP(two weeks) on “Network Security –FDPNS-13” AICTE sponsored., 15 -26 April 2013 at PRMITR, Badnera., AICTE sponsored at PRMITR, Badnera.
- Participated in STTP “Application Software in Science and Engineering”, Two weeks, PRMITR, Badnera, ISTE, IETE, IEI
- Participated in STTP on “Image Processing, Artificial Intelligence & its applications” during 18-27 Nov. 2013 at HVPM College of Engg, Amravati

- Participated in the Workshop on “Syllabus Revision of MCA/ME/BE/MSc” 23 Dec 16
- Participated in the Workshop on “Awareness of New PhD Ordinance” 27 Dec 2016
- Participated in On-line “Refresher course on Skills for New educational Architecture”, organized by Swayam platform (MOOCS).
- Participated in One day Workshop on “NAAC” on 16-6-2019 in SGB Amravati University, Amravati.
- Participated in Workshop for “Equal Opportunity cell for Specially Abled Persons” on 13-07-2019 organized by Equal Opportunity Cell, SGBAU.
- Participated in one-week STTP on “**Outcome Based Education by NBA**”, during 2-6 Dec 2019, organized by PRMITR, Amravati.
- Participated in one-week STTP on “**Hands on Practice for ARPIT program**”, during 9-14 Sept 2019, organized by HRDC, SGBAU.
- Participated in Three days workshop on “**Augmented Reality**”, during 16-18 Sept 2019, organized by BrijlalBiyani College, Amravati.
- Participated in On-line “Refresher course on Skills for New educational Architecture”, organized by **Swayam platform (MOOCS)**. 2019
- Participated and successfully completed in Refresher course on Innovations & Best Practices in Educational Skills , On-line, Swayam platform (MOOCS), 2018
- Participated in STTP on “Big Data and Internet of Things Convergence” ISTE, IETE, IEI approved during 13-22 Nov 2017 at PRMITR, Badnera.
- Participated in Faculty Development Program on “Achieving Excellence in Higher Education” during 11-16 Dec 2017 at Dept of Biotechnology SGBAU
- Participated in the Short Term Training Program **STTP** on “Internet of Things and Embedded Systems ” on dated 21-30 Nov 2016, Organized by PRMITR, Badnera, approved by ISTE, IETE, IEI.
- Participated in the Short Term Training Program on “Soft Skills , LMS And E- Content Development” on dated 2-7 Jan 2017, Organized by SGB Amravati University.
- Participated in Workshop on “Matlab” by Mathsworks Inc, 10 Apr 2015 at Deptt of Comp Sci. &Engg, SGBAU
- Participated in “Big- Data Technology” , 30 Oct 2015 at BrijlalBiyani Sci. College, Amravati
- Participated in “Vigilance Awareness Week”, during 26-10-2015 to 31-10-2015 at Deptt of Comp Sci.&Engg, SGB AU and BOM
- Participated in Workshop of Microsoft on “Cloud computing and IOT” during 28,29 Mar 2016 at Deptt of Comp Sci. &Engg, SGB AU and Microsoft
- Participated in STTP on “Internet of Things and Embedded Systems ” on dated 21-30 Nov 2016., **Two weeks at PRMITR**, Badnera, approved by ISTE, IETE, IEI.
- Participated in STTP on “Soft Skills , LMS And E- Content Development” on dated 2-7 Jan 2017, duration **Two weeks at SGB Amravati University**.
- Participated in Workshop on “Syllabus Revision of MCA/ME/BE/MSc” duration **One Day at** Deptt of Comp Sci.&Engg, SGB Amravati University.
- Participated in Workshop on “Awareness of New PhD Ordinance” duration **One Day at** Deptt of Comp Sci.& Engg, SGB Amravati University.
- Participated in Training program on Sexual Harassment of Women at Workplace [Act 2013]duration **One Day at** SGB Amravati University.
- Participated in Symposium on “Women’s Contribution in Sciences” duration **One Day at** SGB Amravati University.
- Participated in State level workshop on “National Education Policy” duration **One Day at** SGB Amravati University.
- Participated in Workshop on RTI – 2005” duration **One Day at** SGB Amravati University.
- Participated in Workshop on “Intellectual Property Rights” duration **One Day at** SGB Amravati University.
- Participated in Team Work, Life Coping Skill Development center, SGBAU, 14 - 16 Feb.

2018

- Participated in Personality Development, Life Coping Skill Development center, SGBAU 7 – 9 March 2018
- Participated in Group Discussion, Applied Skill Development Center, SGBAU on 30 Jan -6 Feb 2018
- Participated in Convener NSD- 2018, NSD- 2018 duration 28 Feb. – 26 Mar 2018
- Participated in Workshop For Scholars ASC, SGBAU duration 22-24 Mar 2018
- Participated in Workshop on NAAC, IQAC, SGBAU duration 19 & 20 Apr 2018
- Participated in IETE Awards, IETE, Executive Committee, Amravati Center, 9 Sept 2017
- Participated in IETE Zonal Seminar, IETE, Executive Committee, Amravati Center, 17 Mar 2018
- Participated in IETE Annual Convention (AIC), IETE, Executive Committee, Amravati Center duration 20-24 Sept 2018
- Participated in Refresher course on Innovations & Best Practices in Educational Skills, On-line, Swayam platform (MOOCS)
- Participated in Workshop on Role of BOS in Curriculum planning 10 March 2019 duration **One day at** VidyaBharti college, Amravati
- Participated in Workshop on Stimulation of Research Supervisors duration **One day at** Deptt. of Education, SGBAU
- Participated in Workshop on Health Awareness for Collage/University Girls, 11.10.18 duration **One Day**, Women's Study Centre
- Participated in Workshop -“Swayamsiddha for Women Empowerment the. Governance & Leadership duration **One Day at** Vidhya Bharti Mahavidhylaya, Amravati
- Participated in Workshop on User Experience Design & User Design Ux & UI design duration **One Day at** Deptt. of Computer Sci.&Engg, SGBAU
- Participated in Annual IETE convention -2018 duration **Two days**, IETE New Delhi & IETE Amravati Centre
- Participated in Workshop on Soft skills Training for Mathematical sciences duration **Two day** at Dept of Maths & Deptt of Comp Sci.&Engg, 15, 16-03-2019
- Participated in Refresher course on Skills for New educational Architecture, On-line, Swayam platform (MOOCS)
- Participated in Workshop on NAAC on 16-6-2019, **One day at** SGB Amravati University, Amravati
- Participated in Workshop for Equal Opportunity cell for Specially Abled Persons 13-07-2019, **One day**, Equal Opportunity Cell, SGBAU
- Participated in organization and participation in PhD course work duration **16 weeks at** Deptt. of Computer Sci.&Engg, SGBAU
- Participated in Convener- Workshop -“**SwayamPrabha**” for Women Empowerment through Governance & Awareness of Educational Reforms on 9 Feb 2020, **One Day at** Vidhya Bharti Mahavidhylaya, Amravati
- Participated in Coordinator for “**Capacity Building** Program for Women Working in Higher Education” 13-18 /01/2020, duration **Six Day at** HRDC, SGBAU
- Participated in Coordinator- **NSD-2020** on “Women in Science” 28-02-2020 to 20-03-2020 duration **One month at** SGBAU jurisdiction (all five Districts- including schools)
- Participated in Convener- **Google Classroom** training for teachers of University Campus & affiliated college teachers 30-08-2019, duration **One day**, Board of IT & Deptt. of Computer Sc., SGBAU
- Participated in Convener- Annual Day program of Girls Hostel, **One Week**, Girls Hostel, SGBAU
- Participated in Prof In – Charge of Computer Science Society, **Academic year**, Deptt. of Computer Sc., SGBAU
- Participated in organized Three days Meditation program at Girls Hostel duration **Three**

**Days, Girls Hostel, SGBAU**

- Participated in one week STTP on “Outcome Based Education by NBA” 2-6 Dec 2019 duration **One Week at PRMITR, Amravati**
- Participated in one week STTP on “Hands on Practice for ARPIT program” 9-14 Sept 2019 duration **One Week at HRDC, SGBAU**
- Participated in Three days workshop on “Augmented Reality” 16-18 Sept 2019 duration **Three Days at BrijlalBiyani College Amravati**
- Participated in Workshop on AICTE: Norms, STD, & Quality Initiative duration **One Day SGBAU**
- Participated in National level one week on-line FDP on G- Suit and allied tools for Teaching and e- content development at PG Department of Computer Science & Engg, SGBAU duration 29.6.2020 to 4.7.2020
- Participated in National Level One Day Webinar on Startup, Business, Innovation Schemes of Ministry of MSME, Innovation and Incubation Centre Deptt of Computer Science, SGBAU 27.8.2020
- Participated in On-line celebrations of Innovation Day, Innovation and Incubation Centre &Dept of Computer Science, SGBAU, 15.10.2020
- Coordinated for organizing National Webinar on Revised NAAC Assessment &Accreditation Process, IQAC, SGBAU, 4.7.2020
- Coordinated for organizing Awareness Program of Academic Audit SGBAU, 21-23 sept .2020
- Coordinated for organizing Training Program of Academic Audit, **SGBAU**, 25 . 09. 2020
- **Prof In – Charge** of Computer Science Society **CSS.**, **For Academic year****CSS**, Deptt. of Computer Sc., SGBAU
- Coordinator- Workshop -“Women and Social Health” for Women Professors for Awareness of New Educational Reforms in Higher Education during COVID, 2-10-2020, **One Day**, On-line mode
- Organization of Day celebration prog: **Teachers Day, For Academic year**, CSS, Deptt. of Computer Sc., SGBAU
- Coordinator, STC on Leadership Development Program duration **One week at HRDC, SGBAU**
- Participated in workshop on New Curriculum Development 25.9.2021BoS (CSE).
- Participated in webinar- on the occasion of World IPR day: National Intellectual Property Rights and IP management for Startups Innovation and Incubation Centre &Dept of Computer Science, SGBAU, 30 Apr 2021
- Participated in Two Days Virtual Workshop on Startup, Entrepreneurship Boot Camp : For Idea Stage Entrepreneurs, Innovation and Incubation Centre &Dept of Computer Science, SGBAU duration 3,4 May 2021
- Participated in STTP on Artificial Intelligence and Machine Learning duration 12-16 july 2021 ATAL, AICTE
- Participated in Design Thinking course, duration 31.03.2022- 06.04.2022, Turnip International
- Participated in workshop on New Curriculum Development with CBCS scheme 24.3.2022 Academic Section, SGBAU

**26.Invited Talks Lectures and Chairmanships at national or international conference/seminar:**

**Invited Talks:**

1. Delivered an invited talk on “Network Security” at International conference on “Communication, computation, management & nanotechnology” at REC, Bhalki, Karnataka , 24 Sep2011
2. Delivered an invited talk on Web Technologies atNational Conference on Recent Trends in Computing at MPG, Nanded, 7 Apr 2012

3. Delivered an invited talk on “IT & Web Services” at National Conference on Recent trends in Information Technology at JDIET, Yavatmal
4. Delivered an invited talk on “Mobile Computing” at National conference on Innovative Paradigms in Engg. & Technology at S B Jain Institute of Technology, Management & Research
5. Delivered an invited talk on "Multimedia Authentication "Refresher Course on ICT on dated 15-6-11 at Academic Staff College, SGB Amravati University held during 13 Jun-2 Jul 2011.
6. Delivered an invited talk on “IT Enabled Services &Application” in Refresher Course on ICT at Academic Staff College, SGB Amravati University on dated 24-6-11held during 13 Jun-2 Jul 2011.
7. Delivered an invited talk on “ICT Applications” in Orientation Program, Academic Staff College, SGB Amravati University dated 21-7-11 held during 16 Jul- 12 Aug 2011
8. Delivered an invited talk on “Use of ICT for teaching learning Process” in Orientation Program, at Academic Staff College, SGB Amravati University dated 26-7-11 held during 16 Jul- 12 Aug 2011
9. Delivered an invited talk on “Effective Presentation with ICT tools” Part-I in Orientation Program, Academic Staff College, SGB Amravati University, dated 25-8-11 held during 16 Aug – 14 Sept 2011
10. Delivered an invited talk on “Effective Presentation with ICT tools ”Part-II in Orientation Program, Academic Staff College, SGB Amravati University, dated 25-8-11 held during 16 Aug – 14 Sept 2011
11. Delivered an invited talk on “Information Security” in National Conference on Recent Trends in Computer Sci.”, MEDHA dated 15 Sept 2012 at JDIET, Yavatmal
12. Delivered an invited talk on “Secure Social Networking” in Workshop on “Empowerment of Girls in Disaster Management: Beyond the Classroom”, dated 8 Mar 2013 at PRMITR, Badnera
13. Delivered an invited talk on “Network Security” in Workshop on “Current Trends in Computer Science” dated 16 Mar 2013 at G.S. College, Khamgaon
14. Delivered an invited talk on “Network Security” in Workshop on “Recent Trends in Computer Science & Information Technology” dated 23 Mar 2013 at JDIET, Yavatmal
15. Delivered an invited talk on “Advances in Computing” in National Conference on “Advances in Computing & Networking” (NCAICN -2013)dated30 Mar 2013 at PRMITR, Badnera.
16. Delivered an invited talk on “Research Opportunities & Challenges” in “Research Meet-13” dated 27 Apr 2013at JDIET, Yavatmal
17. Delivered an invited talk on “Security Attacks and Measures” in FDP on “Network Security” dated 15 Apr. 2013 at PRMITR, Badnera.
18. Delivered an invited talk on “Information Security” in FDP on “Network Security” dated 20 Apr. 2013 at PRMITR, Badnera.
19. Delivered an invited talk on “ICT and its Applications” in Refresher Course on ICT, Dated 26-7-2012 at Academic Staff College, SGB Amravati University
20. Delivered an invited talk on “MATLab Programming & Network Security in Refresher Course on Computational Science, dated 24 & 28-9-2012 at Academic Staff College, SGB Amravati University held during 24-9-2012 to 15-10-2012
21. Delivered an invited talk on “Secure Social Networking” at HVPM, Amravati on 30-9-13

22. Delivered an invited talk on “Advances in Computing” at National Conference on “Innovations and Advances in Computing” at GITAM University, Hyderabad on 28 Mar 2014.
23. Delivered an invited talk at National Conference on “Recent Trends in Computer Science” at Shri Shivaji Science College, Nagpur on 23-24 Jan 2014.
24. Broadcast the on-line talk through Video Conferencing on “Network Security” on the occasion of International Women’s Day, 8-3-2014.
25. Delivered an invited talk on “Secure Social Networking” at 25<sup>th</sup> Orientation Program during 10-2-14 to 8-3-14.
26. Delivered an invited talk on “Role of ICT in Teaching Learning” at Refresher course in ICT during 11 Dec- 31Dec, 2013.
27. Delivered an invited talk in National Conference on “Advances in Communication and Information Technology” At MITS, Gwalior, during 28-29 Oct 2013.
28. Delivered an invited talk in the National Conference on “Recent Trends in Computer Sc.” At JDIET, Yavatmal on 28 Sept 2013.
29. Delivered an invited talk in Department of Zoology, SGB Amravati University on 3-4-14.
30. Delivered an invited talk on “Computer Networks and Security” in International Conf on ICACCI-2014 Advances in Computing , Communication & Intelligence, dated 23- 29 May 2014 at International Conference, ABS-ACI Mauritius
31. Delivered an invited talk on “Cyber Security” National Conference On Recent Trends In Comp. Sci., dated 14 Feb. 2015 at JDIET, Yavatmal
32. Delivered an invited talk on “Networking and Data Security” in National conf. & Technical Festival on “Technizzma-2014” , dated 22 Sept 2014at COE &T, HVPM Amravati
33. Delivered an invited talk on “Women and Governance” in Short Term Course in “Capability Building for Women”, dated 14-19 July 2014at ASC, SGB Amravati University.
34. Delivered an invited talk on “ICT Applications” in Refresher Course in Information Communication Technology (ICT), dated 27 oct-15 Nov 2014at ASC, SGB Amravati University.
35. Delivered an invited talk on “Cyber Attacks and Security Measures” in Refresher Course in Basic Sciences, dated 27 oct-15 Nov 2014 at ASC, SGB Amravati University.
36. Delivered an invited talk on “Advances in Computing” at National Conference “ATCON-2015”datedt2 Apr 2015 at PG Deptt of Comp Sci.&Engg., HVPM, Amravati
37. Delivered an invited talk on “Future Technology” at International Conference on Emerging Trends in Computer Engineering, on 23 Apr 2015 at TGP College of Engg. , Nagpur
38. Delivered an invited talk on “Safety & security of Women Through ICT” atNational Workshop for “Women connecting for leadership & change for SC Women faculty in Higher Education” , 3 -11-2015 at Mahila Mahavidyalaya, Nagpur
39. Delivered an invited talk on “Women & ICT” in Orientation Program during 18-11-2015 to 15 -12-2015 , at ASC , SGB Amravati University, dated 27 – 11-2015
40. Delivered an invited talk on “ICT in Higher Education” at National Workshop on “Competence Building Initiatives for Young Teachers” on dated 2 -02-2016 at Renuka College , Nagpur
41. Delivered an invited talk on “Network Security” at National conference on “Advances in Information & Communication Technology” 4,5 Feb 2016, at MITS, Gwalior
42. Delivered an invited talk on “Cyber Attacks & cyber Crimes” at National Conference on

Sustainable Computing and communication for Development”, 12,13 Feb 2016 at PRMITR, Bandera Amravati

43. Delivered an invited talk on “Digital Forensics” at International conference on Emerging Trends in Computer Engineering, Tech-Soft –2016, dated 22 Jan 2016 at Tulsiram Gaikwad patil college of Engg& Tech, Nagpur
44. Delivered an invited talk on “Network Security” at JDIET, yavatmal, 17 March 2016
45. Delivered an invited talk on “Emerging Technologies in IT” at International conference on Innovations Advancement in Computing- ICIAC-2016. 18,19 Mar 2016 at GITAM University, Hyderabad
46. Delivered an invited talk on “Future technology in 2050” at National Conference on “Recent Trends & Development in Engg& Tech” 29 Mar 2016 at Jawaharlal Darda Institute of Engg& Tech, Yavatmal
47. Delivered an invited talk on “Security Attacks and Measures” in Refresher course in Information & Communication Technology during 14 Sept 2015 -5 Oct 2015 dated 15-09-2015 at ASC , SGB Amravati University
48. Delivered an invited talk on “Network Security” at ACM Student Chapter, CSE, AEC. 9 Oct 2016, ACM Student Chapter, CSE, AEC, Chikhali
49. Delivered an invited talk on “Network Security” in Expert Lecture 12 -09- 2015 at Arts, Commerce & Sc. College Amravati
50. Delivered an invited talk on “Safety and Security of Women Through ICT” in Orientation Program during 22 Feb 2016 -19 Mar 2016 dated 08 Mar 2016 at ASC , SGB Amravati University
51. Delivered an invited talk on “ICT Applications” in Refresher course in Environmental Sciences 04-Mar 2016 at ASC , SGB Amravati University
52. Delivered an invited talk on “Impact Factor and Citation Index” in Short Term Training Program (STTP) on “Research Methodology & its Applications”9-13 Jan 2017, ISTE, Govt Poly, Amravati
53. Delivered an invited talk on ‘ICT Applications” in Orientation Program 12 Sept – 8 Oct 2017, ASC, SGB Amravati University
54. Delivered an invited talk on “Power point & Internet” Skill Development Program in ICT 2-20 Jan 2017, SGB Amravati University
55. Delivered an invited Talks on “Future Innovations in Computer Sci.& IT”- Key Note Speaker”, National Conference on Recent Developments in Science, Engg& Tech at “Sanmati Engg College, Washim 03 Apr 2019.
56. Delivered an invited Talks on, “Google Classroom ,9jan 2020”, Refresher Course on Life Sciences, 7- 20 Jan2020 at HRDC, Amravati University, Amravati.
57. Delivered an invited Talks on, “Google Classroom , 24 Sept 2019”,Orientation Program, 11 Sept – 01 Oct 2019 at HRDC, Amravati University, Amravati
58. Delivered an invited Talks on, “Future Computing, 15 Feb 2020”, International Conference on Phy, Che& Computer, Mathematical Sciences (ICAPCM-2020) 13-16 Feb 2020 at RTM Nagpur University
59. Delivered an invited Talks on “Google Classroom [Two Lectures], 19 Sept 2019”, Refresher Course on Social Sciences, 13- 26 Sept 2019 (National) at HRDC, Amravati University, Amravati.
60. Delivered an invited Talks on, “Syllabus Revision of MCA as per New guidelines of AICTE, 14 Mar 2020”,Reconstruction of syllabus as per AICTE model curriculum at PRMITR, Amravati.
61. Delivered an invited Talks on, “Safety and security of women in cyber world through ICT

tools and techniques”, Workshop on Women Empowerment, 8 Mar 2020, International Women’s Day at NSS, SGBAU.

62. Delivered an invited Talks on, “Network Security”, Expert Talk, 15 Feb 2020 at Hislop College, Nagpur.
63. Delivered an invited Talks on, “Challenges & Opportunities in IT”, Technotsav, Expert Talk, 24 Jan 2020, at Shri shivaji Sc. College, Amravati.
64. Delivered an invited Talks on, “ Women and Governance, 16 Jan 2020”, “Capacity Building Program for Women Working in Higher Education” 13-18 /01/2020 at HRDC, SGBAU
65. Delivered an invited Talks on“ LMS& Google Classroom, 24 Jan 2019”, Orientation Program , Classroom 21 Jan -10 feb 2020 at HRDC, Amravati University, Amravati.
66. Delivered an invited Talks on , “ LMS & Google Classroom, 29 Nov 2019”, Orientation Program, 18 Nov -7 Dec 2019 at HRDC, Amravati University, Amravati.
67. Delivered an invited Talks on, “Research Avenues in Computer Sciences & IT,27 Apr 2019”,Research Meet (National) at JDIET, Yavatmal
68. Delivered an invited Talks on, “S/w, H/w, Operating System”,PhD course work at Deptt of Computer Sci., SGBAU.
69. Delivered an invited Talks on “Future Innovations in Computer Sci. & IT”- Key Note Speaker”, National Conference on Recent Developments in Science, Engg& Tech at “Sanmati Engg College, Washim 03 Apr 2019.
70. Delivered an invited Talks on, “Google Classroom [Two Lectures], 9 Jan 2020”, Refresher Course on Life Sciences, 7- 20 Jan2020 at HRDC, Amravati University, Amravati.
71. Delivered an invited Talks on, “Google Classroom [Two Lectures], 24 Sept 2019”,Orientation Program, 11 Sept – 01 Oct 2019 at HRDC, Amravati University, Amravati
72. Delivered an invited Talks on, “Future Computing, 15 Feb 2020”, International Conference on Phy, Chem. & Computer, Mathematical Sciences (ICAPCM-2020) 13-16 Feb 2020 at RTM Nagpur University
73. Delivered an invited Talks on “Google Classroom [Two Lectures], 19 Sept 2019”, Refresher Course on Social Sciences, 13- 26 Sept 2019 (National) at HRDC, Amravati University, Amravati.
74. Delivered an invited Talks on, “Syllabus Revision of MCA as per New guidelines of AICTE, 14 Mar 2020”,Reconstruction of syllabus as per AICTE model curriculum at PRMITR, Amravati.
75. Delivered an invited Talks on, “Safety and security of women in cyber world through ICT tools and techniques”, Workshop on Women Empowerment, 8 Mar 2020, International Women’s Day at NSS, SGBAU.
76. Delivered an invited Talks on, “Network Security”, Expert Talk, 15 Feb 2020 at Hislop College, Nagpur.
77. Delivered an invited Talks on, “Challenges & Opportunities in IT”, Technotsav, Expert Talk, 24 Jan 2020, at Shri Shivaji Sc. College, Amravati.
78. Delivered an invited Talks on, “ Women and Governance [Two Lectures] 16 January 2020”, “Capacity Building Program for Women Working in Higher Education” 13-18 /01/2020 at HRDC, SGBAU
79. Delivered an invited Talks on“ LMS& Google Classroom, 24 Jan 2019”, Orientation Program , Classroom 21 Jan -10 Feb 2020 at HRDC, Amravati University, Amravati.
80. Delivered an invited Talks on , “ LMS & Google Classroom, 29 Nov 2019”, Orientation Program, 18 Nov -7 Dec 2019 at HRDC, Amravati University, Amravati.

81. Delivered an invited Talks on, “Research Avenues in Computer Sciences & IT,27 Apr 2019”,Research Meet (National) at JDIET, Yavatmal
82. Delivered an invited Talks on, “S/w, H/w, Operating System [Two lectures]”,PhD course work at Deptt of Computer Sci, SGBAU.
83. Delivered an invited talk on “Cyber Attacks and Countermeasures” at National conference on “Smart Engg for Sustainable Development” at IETE Amravati & PRMITR Badnera on 29-30 Sept 2018
84. Delivered an invited talk on “Opportunities in IT Research” at Inauguration of CSS and paper presentation at Vidyabharti Mahavidyalaya, Amravati on 26-11-18
85. Delivered an invited talk on “Network Security” at Workshop Techneclub of CSS and paper presentation at Innani Mahavidyalaya,, Karanja on 5-10-18
86. Delivered an invited talk on “ICT Applications [Two Talks]” at National Refresher Course on” ICT” at HRDC,SGB Amravati University, Amravati on 4-10-18
87. Delivered an invited talk on “Women and Governance” at National STC on “Capacity Building for Women” at HRDC, SGB Amravati University, Amravati on 3-12-2018 to 8-12-2018
88. Delivered an invited talk on “Cyber Attack & Cyber Security”[2 talks] and opportunities n challenges in Future computing” at National Refresher course on “Teaching , Learning and Technology”, at Solapur University, Solapur on 9-29 Dec 2018
89. Delivered an invited talk on “Governance in Higher Education” at National Orientation Program at HRDC, SGBAU on 31 -12.18
90. Delivered an invited talk on “Future Computing” at National Conference on “Emerging Trends in Science” at Vidyabharti Mahavidyalaya, Amravati on 1&2 Feb 2019
91. Delivered an invited talk on “Network Security Essentials” at One Day Workshop at JDEIT, Yavatmal on 8 Jan 2019
92. Delivered an invited talk on “Google Classroom” at Workshop/Training Program on “Google Classroom” at Deptt of Computer Sc., Board of IT,University on 21-25 Jan 2019
93. Delivered an invited talk on “Future Technology” at National Conference on “Recent Advances in Sciences and Technology “ at Gawande Mahavidyalaya, Umardhad on 5 Mar 2019
94. Delivered an invited talk on “Intelligent Control System” at National Workshop on “Intelligent system “ at Shri Mata Vaishno Devi University, J & K, India on 8-10 Feb 2018
95. Delivered an invited talk on “PPT Skills” at Workshop on “Academic Skill Development “ at Academic Skill Development centre, SGBAU on 30-1-2019
96. Delivered an invited talk on “Google Classroom” at National Refresher Course on “Physical Education” at HRDC, Amravati University, Amravati on 8 Mar 2019
97. Delivered an invited talk on “Google Classroom” at Workshop on “Train the Teachers” at Vidyabharti Mahavidyalaya, Amravati on 16-02-2019
98. Delivered an invited talk on “Safety & Security of Women through ICT Tools and Techniques” at National Seminar on “Cyber security and Women,” at National Commission for Women &Yogeshwari Mahavidyalaya, Ambejogai on 22-03-2019
99. Delivered an invited talk on “MATLab” at State Level Workshop on “Soft skills Training for Mathematical sciences” at Dept of Maths & Deptt of Comp Sci.&Engg. On 15/16-03-2019
100. Delivered an invited talk on “Network Security”, at National conference at Dept of Computer Jawaharlal Darda Institute of Engg. & Tech, Yavatmal, 10 feb.2018

101. Delivered an invited talk on “Cyber Attack & Cyber Crime”, Plenary Talk in International Conference on Recent Trends In Science & Tech. at SSSKR Innani Mahavidyalaya, Amravati, 22 & 23 march 2018,
102. Delivered an invited talk on “ICT educational Tools” at Refresher course in Library Science at, on dated 22-6-2017, SGB Amravati University., 20 June -10 July 2017
103. Delivered an invited talk on “ICT Skill Program”,atSkill Development Program in ICT at SGB Amravati University, 19 & 20 Dec 2017
104. Delivered an invited talk on “ICT Application” at Orientation program at UGC – Human Resource Development center, 8 -Dec-2017, during 4 Dec- 30 Dec 2017, SGB Amravati University
105. Delivered an invited talk on “ Intelligent Control System”at international Conference on machine Learning & Computational Intelligence at Shri Mata Vaishno Devi University, Jammu, India, on dated 28 &29 Sept 2017,
106. Delivered an invited talk on “Future Technology ICT Applications” at Refresher Course On ICT at ASC, SGB Amravati University, 28 Feb – 21 March 2018
107. Delivered an invited talk on “Group Discussion: Do’s and Don’ts 30 Jan 2018Applied Skill Development Center on 30 Jan -6 Feb 2018, SGB Amravati University
108. Delivered an invited talk on Google Classroom at National conference, 28 Sept 2020 STC on MOOCS, E-Contents Development& open Educational Resources, HRDC, Amravati University, Amravati, 28.9.20 to 30 .10.2020
109. Delivered an invited talk on Google Classroom, 17 Aug 2020 Refresher Course in ICT at National conference, HRDC, Amravati University, Amravati, 17-29 Aug. 2020
110. Delivered an invited talk on On-line Educational Resources, State Level Workshop on “Women and Social Health” , 02.10.2020, State Level Women Wing of Academician of Shikshan Manch.
111. Delivered an invited talk on “Women and Academic Leadership” National Level STC on “Gender Sensitization”, HRDC, Amravati University, Amravati on 1.12.2020
112. Delivered an invited talk on Google Classroom at National level, Refresher Course in Education and Physical Education, HRDC, Amravati University, Amravati, 14-12-2020
113. Delivered an invited talk on “Cyber Security” at National level Refresher Course in Basic Sciences, HRDC, Amravati University, Amravati, 02-01-2021.
114. Delivered an invited talk on S/w, H/w, Operating System, PhD course work Deptt of Computer Sci., SGBAU University.
115. Delivered an invited talk on E-content development Workshop on e-content development Vidyabharti College, Amravati.
116. Delivered an invited talk on Google Classroom National level, Refresher Course in ICT, HRDC, Amravati University, Amravati 16.08.2021
117. Delivered an invited talk on Awareness of Entrepreneurship and Startups, Teachers Day Program at Department of Computer Science &Engg, SGBAU University, 06.09.2021
118. Delivered an invited talk on Google Classroom National level Refresher Course in “Human Rights & Social Inclusion” at HRDC, Amravati University, Amravati 20.09.21
119. Delivered an invited talk on On-line Educational Resources” National level Refresher Course in “RE-INVENTING SKILL EDUCATION IN THE LIGHT OF NEP 2020” from 08-22 September, 2021, Teaching Learning Centre, Ramanujan College (Ministry of Education, PMMMNMTT, New Delhi 20 Sept 2021

120. Delivered an invited talk on Human Rights in Cyber World National level Refresher Course in “Human Rights & Social Inclusion” at HRDC, Amravati University, Amravati, 02.10.2021
121. Delivered an invited talk on Google Classroom, National level Refresher Course in “Physical Education, Sport Science & Yoga” at HRDC, Amravati University, Amravati, 25.10.2021
122. Delivered an invited talk on Online Learning Resources National level Refresher Course in Teacher Educators at HRDC, Amravati University, Amravati, 29.11.2021- 11.12.2021
123. Delivered an invited talk on NEP -2020:Online & Digital Education One Day National Level Seminar at Smt. LRT college, Akola, 18.12.2021
124. Delivered an invited talk on NEP -2020 Online & Digital Education &NRF, One Day National Level Seminar at Shankarlal Khandelwal Arts, Commerce, Science college, Akola, 16-12-2021
125. Delivered an invited talk on Research, Researchers & Research Project, One day workshop at Women Wing, Shikshan Manch, Washim, 30.10.2021
126. Delivered an invited talk on “Critical Thinking, Creative Thinking & Innovation Design” STTP for Research Scholars HRDC, Amravati University, Amravati, 24.02.2022
127. Delivered an invited talk on Google Classroom, STTP for Blended Teaching and Flipped Classroom at HRDC, Amravati University, Amravati, 21.03.2022

**27. Session Chair :**

1. Chaired the session at International conference on Communication, computation, management & nanotechnology at REC, Bhalki, Karnataka , 23 Sep 2011
2. Chaired the session at State level Conference NICTD-12, dated 29 Oct 2012. At Vidhyabharti Mahavidyalaya, Amravati, 7 Apr 2012
3. Chaired the session at National Conference JDIET, Yavatmal, dated 15 Sept 2012.
4. Chaired the session at National conference on “Innovative Paradigms in Engg. &Technology” dated 17 Feb 2013 at S B Jain Institute of Technology, Management & Research
5. Chaired the session at National Conference on “Advances in Computing & Networking” (NCAICN-2013) dated 30 Mar 2013at PRMIRTR, Badnera.
6. Chaired the Session in National Conference on “Innovations and Advances in Computing” at GITAM University, Hyderabad on “Advances in Computing” on the track “Network Security and Data Communication” during 28-29 Mar 2014.
7. Chaired the Session in National Conference on “Recent Trends in Computer Sci. & Elect.” at Shri Shivaji Sc. College, Nagpur on 23-24 Jan 2014.
8. Chaired the Session in National Conference on “Advances in Communication and Information Technology” At MITS, Gwalior, during 28-29 Oct 2013.
9. Chaired the Session in the National Conference on “Recent Trends in Computer Sc.” At JDIET, Yavatmal on 28 Sept 2013.
10. Chaired the session at International Conference on ICACCI-2014 Advances in Computing , Communication & Intelligence, dated 23- 29 May 2014 in International ABS-ACI.
11. Chaired the session at National conference& Technical Festival on “Technizzma-2014”, dated 22 Sept 2014 at COE &T, HVPM, Amravati
12. Chaired the session at International Conference on CSCIT 2015 “Emerging Trends In Computer Sci, Comm. & IT, dated 9-11 Feb. 2015. At Dept. Of Comp. Sci. & IT Yashvant Mahavidyalaya. Nanded
13. Chaired the session at National Conference On Recent Trends In Comp. Sci., dated 14 Feb. 2015.at JDIET, Yavatmal

14. Chaired the session at National Conference on Advance Technologies in Computing & Networking ATCON-2015 at Deptt of MCA, HVPM, Amravati
15. Chaired the session at National Conference “ATCON-2015” dated 2 Apr 2015 at PG Deptt of Comp Sci.& Engg., HVPM, Amravati
16. Chaired the session at Mid-Term Symposium, organized by IETE, New Delhi, 11,12 Apr 2015
17. Chaired the session at International Conference on Emerging Trends in Computer Engineering, 23 Apr 2015 at TGP College of Engg. , Nagpur
18. Chaired the session at National Conference on Sustainable Computing and communication for Development”, at PRMITR, Badnera-Amravati, 12,13- Feb 2016
19. Chaired the session at International conference on Emerging Trends in Computer Engineering, Tech-Soft -2016, Tulsiram Gaikwad patil college of Engg& Tech, Nagpur, 22 Jan 2016
20. Chaired the session at International conference on Innovations Advancement in Computing- ICIAC-2016, GITAM University, Hyderabad, . 18,19 Mar 2016
21. Chaired the session at National Conference on “Recent Trends & Development in Engg& Tech” at Jawaharlal Darda Institute of Engg& Tech, Yavatmal, 29 Mar 2016
22. Chaired the session at International conference on Emerging Trends & Research in Engg Tech & Science” at Dr. Rajendra Gode Institute of Tech & Research, Amravati, 30 Mar 2016
23. Chaired the session at National Conference at Sanmati college of Engg, Washim,2016
24. Chaired the session at National conference on PGCON, Nasik organized by Sandip Foundation, Nasik, 24,25 Mar2017
25. Chaired the session at National Conference on Recent Developments in Science, Engg& Tech on “Advances in IT” dated on 03 Apr 2019 at Sanmati Engg College, Washim.
26. Chaired the session at Capacity Building program for women working in Higher Education on Reforms in Education at HRDC, SGBAU
27. Chaired the session at Technical paper presentation on Recent Trends in IT at MSBTE, Mumbai Sept 2019
28. Chaired the session at Workshop on Reconstruction of syllabus as per AICTE model curriculum on Syllabus Revision of MCA as per New guidelines of AICTE dated on 14 Mar 2020 at PRMITR, Amravati.
29. Chaired the session at National Conference on Recent Developments in Science, Engg& Tech on “Advances in IT” dated on 03 Apr 2019 at Sanmati Engg College, Washim.
30. Chaired the session at Capacity Building program for women working in Higher Education on Reforms in Education at HRDC, SGBAU
31. Chaired the session at Workshop on Reconstruction of syllabus as per AICTE model curriculum on Syllabus Revision of MCA as per New guidelines of AICTE dated on 14 Mar 2020 at PRMITR, Amravati.
32. Chaired the session at International Conference on Recent Trends In Science & Tech. dated 22 & 23 march 2018 at SSSKR Innani Mahavidyalaya, Amravati
33. Chaired the session at International Conference on “Machine Learning & Computational Intelligence (ICMLCI-2017) dated 28 &29 Sept 2017 at Shri Mata Vaishno Devi University, J & K, India
34. Chaired the session for “Future Computing” 01-02-2019, National Conference on Emerging Trends in Science, 1,2 Feb 2019., Vidyabharti Mahavidyalaya, Amravati, National

35. Chaired the session for “Network Security”, Workshop Techneclub of CSS and paper presentation, 5-10-18, Innani Mahavidyalaya,, Karanja,
36. Chaired the session for “Future Technology”, National Conference on Recent Advances in Sciences and Technology, 5 Mar 2019, Gawande Mahavidyalaya, Umardh, National
37. Chaired the session for “Cyber Attacks and Countermeasures” 29-09-18, National Conference AIC on Smart Engg for Sustainable Development , 29-30 Sept 2018, IETE Amravati & PRMITR Badnera, National
38. Chaired the session for “Opportunities in IT Research”, Workshop on Opportunities and Challenges in IT and paper presentation, 26-09-18 , Vidyabharti Mahavidyalaya,, Amravati, -
39. Chaired the session for “Network Security Essentials, One Day Workshop 18 Jan 2019, JDEIT, Yavatmal,
40. Chaired the session for Safety & Security of Women through ICT Tools and Techniques, National Seminar on Cyber security and Women, 22-03-2019, National Commission for Women & Yogeshwari Mahavidyalaya, Ambejogai, National
41. Chaired the session for “Future Innovations in Computer Sci.& IT”, National Conference on Recent Developments in Science, Engg& Tech , “Sanmati Engg College, Washim 03 Apr 2019 , National
42. Chaired the session at National Conferences on “PGCON” dated 24, 23 March 2017, at Sandip Foundation, Nasik.
43. Chaired the session at National Level Workshop of “Syllabus Revision”, SGB Amravati University, 23 Dec 2016.

## 28. List of Publications in International Journals

1. S. S. Sherekar, V. M. Thakare, Sanjeev Jain, “Role of Digital Watermark in e-governance and e-commerce” , **International Journal of Computer Science and Network Security (IJCSNS)**, vol 8, No. 1, pp. 257-261, January 2008.
2. S. S. Sherekar, V. M. Thakare, Sanjeev Jain, “Performance Analysis of Digital Watermarking Technique for Advanced Multimedia Communication System”, **International Journal of Computer Applications in Engineering Technology and Sciences (IJ-CA-ETS)**, vol 2, issue 2, pp. 7-13, Oct 2009.
3. S. S. Sherekar, V. M. Thakare, Sanjeev Jain, “Critical Review of Perceptual Models for Data Authentication”, proceedings of Int. Conf. of ICETET, pp 323-329, **IEEE Computer society**, Dec 09.
4. S. S. Sherekar, V. M. Thakare, Sanjeev Jain, “Efficient Methodology for Watermarking Technique”, Advances in Computer Vision and Information Technology,(ACVIT), **IK Publication, ISBN : 978-81-89866-74-7, pp. 1638-1644, Nov. 2007.**
5. S. S. Sherekar, V. M. Thakare, Sanjeev Jain, “Attacks and Countermeasures on Digital Watermarks: Classification, Implications, Benchmarks”, **International Journal of Computer Science and Applications (IJCSA)**, vol. 4, no. 1, Jan 2011.
6. V. S. Tondre, S. S. Sherekar, V. M. Thakare, R. V. Dharaskar, “Critical Analysis of Dynamic Resource Management for Distributed System”, , **International Journal of Computer Applications in Engineering Technology and Sciences (IJ-CA-ETS)**, Vol 3, issue 1, pg. no. 196-204, Oct. 2010.
7. U.S.Junghere, S. S. Sherekar, V. M. Thakare, R. V. Dharaskar, “Analysis of Information Visualization Techniques for Abstract Data on Mobile Devices”, **International Journal of Computer Science and Applications (IJCSA)**, vol. 4, no. 1, Jan 2011.
8. S. S. Sherekar, V. M. Thakare, Sanjeev Jain, “Implications of Digital Watermarking for Internet Security”, Advancements in Information Technology and Internet Security, **SPD Publication, ISBN 10: 81-8404-427-5, pp. 274-281, Jan, 2008.**

9. V. S. Tondre, S. S. Sherekar, V. M. Thakare, "Advancements of IT for Socio-economic Developments through WAP", *Advancements in Information Technology and Internet Security, SPD Publication, ISBN 10: 81-8404-427-5, pp. 274-281, Jan, 2008.*
10. "An Embedded Watermark Technique approach in audio with Present Practices & Future Trends for Copyright Protection", NCETBTS-11, ISBN: 978-81-909939-1-3, Mar-11.
11. V. S. Tondre, V. M. Thakare, S. S. Sherekar, R. V. Dharaskar, "Trends and Prospective of the Dynamic Resource Management Using Adaptive Techniques in Distributed Systems", *International Journal of Computer Science & Telecommunication*, vol.2, Issue 7, UK, pp 68-77, Oct-2011.
12. V. S. Tondre, V. M. Thakare, S. S. Sherekar, R. V. Dharaskar, "Performance Analysis of Routing in Resource Management for Distributed System", *2<sup>nd</sup> International Conf. on Communication, Computation, Management & Nanotechnology, ICN-11*, pp. 19-22, Sept.-2011.
13. V. S. Tondre, V. M. Thakare, S. S. Sherekar, R. V. Dharaskar, "Memory Management Techniques with Performance Improvement Factors in Distributed Systems", pp 20-27, *ICACM*, ISBN No. 978-81-921768-0-2, Jan-2012.
14. V. S. Tondre, V. M. Thakare, S. S. Sherekar, R. V. Dharaskar, "Analysis Of Security Aspects For Dynamic Resource Management In Distributed Systems", in *Int. Journal of Comp. Sc. Engg. & IT*, vol 1(5), pp 1-12, Dec- 2011.
15. V. S. Tondre, V. M. Thakare, S. S. Sherekar, R. V. Dharaskar, "Technical Computation and Communication Delay in Distributed System", *International Journal of Computer Applications*, New York, pp 30-32, Dec.2011.
16. V. S. Tondre, V. M. Thakare, S. S. Sherekar, R. V. Dharaskar, "Load Balancing-The Essential Factor in Communication Network of Distributed System", *International Journal of Computer Applications*, New York, pp 74-77, Jan 2012.
17. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Analysis of Information Visualization Techniques for Abstract data on Mobile Devices", *International Journals of Computer Science and Application IJCSA*, ISSN- 0974-1003, Vol. 4 ,No.1,pp 31-38, Issue April-May 2011.
18. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Structural design and techniques of client-server for 3D visualization on mobile devices", *International conference ICACM*, ISBN No. 978-81-921768-0-2, Jan 2012.
19. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Mobile based tools and techniques for 3D visualization", *International Journal of Computer Applications*, New York, NYSS, Dec.2011.
20. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar "Technical Analysis of Remote 3D Visualization on Mobile Devices", *International Journal of Computer Science and Information Technology (IJCSIT)*, AIRCC, vol 3, no. 6, pp 99-118, Dec. 2011.
21. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "An Interactive Approach for Local and Remote 3D Visualization on Mobile devices", *ICCIA-2012*,communicated to International conf. at Nashik.
22. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Compression Techniques for Remote Visualization on Mobile Platforms, pp 37-41, *Int . Journal of Computer Applications*, New York, Jan. 2012.
23. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Towards Retrieval of Human Face from video database: A Novel Framework", *Inter. Journal of Information Systems and Communication*, vol. 3, issue 1, pp 154-157,Jan 2012.
24. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Empirical Analysis of Human Face Retrieval from Video Database", *ICACM*-, ISBN No. 978-81-921768-0-2, Jan-2012.
25. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Methodology for Human Face Retrieval from Video Sequences Based on Holistic Approach", *Int . Journal of Computer Applications*, New York, pp 47-51, Jan 2012.

26. S.V. Shirbhate, Dr. V. M. Thakare, Dr. S. S. Sherekar, "Data Mining Approaches For Network Intrusion Detection System", International Journal of Computer Technology and Electronics Engineering (IJCTEE), vol. 2, issue 1, pg. no. 41-44, Dec. 2011.
27. Sheetal Soneji, Dr. S. S. Sherekar, "Exploring Competitive Intelligence by Extracting Frequent pattern of Data Mining in Mobile Computing Environment", Int . Journal of Computer Applications, New York, pp 118-122, Jan 2012.
28. S.V. Shirbhate, Dr. V. M. Thakare, Dr. S. S. Sherekar, "Security Threats in Mobile Ad Hoc Network", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik, 69-74, Feb 2012.
29. Sheetal Soneji, Dr. S. S. Sherekar, Dr. V. M. Thakare, "Node Pocket Mining for Location Management in Mobile Computing and wireless Environment", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik, 79-82, Feb 2012.
30. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Wireless Approach for 3D Visualization Mobile Devices", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik, 89-92, Feb 2012.
31. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Holistic (PCA)- template Based Face retrieval from Video Sequences", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik, 113-117, Feb 2012.
32. Ms. V. S. Tondre, Dr. R. V. Dharaskar, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Analysis of Scheduling Techniques in Distributed Systems", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik, 135-139, Feb 2012.
33. Ms. U. S. Junghare, Dr. V. M. Thakare, Dr. S S. Sherekar, Dr. R. V. Dharaskar, "An Interactive Approach for Local and Remote 3D Visualization onMobile Devices", International Journal of Computer Applications, New York, pp 48-53, Apr. 2012.
34. Miss Sheetal B. Soneji, Dr. V.M.Thakare, Dr.SwatiS.Sherekar, "Study Of Location Prediction Techniques For Mobile Devices InWireless Network", International Journal of Computer Applications, New York, pp 78-80, Apr. 2012.
35. S.V.Sirbhate, Dr. V.M.Thakare, Dr.S.S.Sherekar, "Study of Intrusion Detection Techniques In MANET", International Journal of Computer Applications, New York, pp 81-85, Apr. 2012.
36. Ms. V. S. Tondre, Dr. V. M. Thakare, Dr.R.V. Dharaskar,, Dr. S.S. Sherekar, "Measures used for Performance Analysis of Scheduling and Routing inDistributed Systems", International Journal of Computer Applications, New York, pp 116-119, Apr. 2012.
37. Madhavi Vaidya, Dr.SwatiSherekar, "Study of Biometric Data Processingby Hadoop", International Journal of Computer Applications, New York, pp 178-183, Apr. 2012.
38. Anil Dudhe, Dr. S. S. Sherekar, "A Novel Method of Implementation of Private Cloud using Eucalyptus", International Journal of Computer Applications, New York, pp 314-317, Apr. 2012.
39. Z. G. Sheikh, Dr. V.M. Thakare, Dr. S. S. Sherekar, "A Novel Algorithm for Automatic Human Face Retrieval in Video", International Journal of Computer Applications, New York, pp 339-343, Apr. 2012.
40. PritiMesare, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Various attacks and its detection techniques in packet dropping in wireless ad hoc network." International Journal of Research in Advent Technology Special Issue (IJRAT), **Thomson Reuters Journal**, E-ISSN: 2321-9637,Indexed by Google proquest, Index Copurnicus, DOAJ, Open J- Gate, **IF: 5.153, 2017**
41. Arti Pande, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Security techniques for based on Multi- Image Morphing for Steganography in cloud system." "International Journal for Engineering application and technology" (IJEAT)ISSN 2321-8134, Indexed by Google proquest, Index Copurnicus, DOAJ, Open J- Gate, IF: 2.991, 2017

42. PritiMesare, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Packet Dropping Attack And its Detection in Wireless Sensor Network", "International Journal for Engineering Science & Computing (IJESC)", ISSN:2250-1371, Indexed by Google proquest, Index Copurnicus, DOAJ, IF :5.611, 2017
43. AmolNasare, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Network Security using Linear Network", "International Journal for Engineering application and Technology" (IJFEAT) ISSN 2321-813, Indexed by Google proquest, Index Copurnicus, DOAJ, Citefactor, Open J- Gate, IF:2.991,2017
44. VaradSurve, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Security techniques for wireless Neural Networks using soft Computing and Artificial Intelligence", International Journal for Engineering application and technology ,(IJFEAT), ISSN 2321-8134, Indexed by Google proquest, Index Copurnicus, DOAJ, Cite factor IF:2.991, 2017
45. Damayanti Karale, Dr. S. S. Sherekar, Dr. V.M. Thakare, Detection of Sybil Attack In Wireless Network Using Through IDS, "International Journal for Engineering application and Technology" (IJFEAT), ISSN 2321-8134, Peer reviewed Google proquest, Index Copurnicus, DOAJ, Cite factor, Open J- Gate, IF:2.991, 2017
46. Mayur Ghodeswar, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Cipher Text Policy attribute-based Encryption supporting Flexible attribute.", "International Journal of Advance Research, Ideas and Innovation in Technology (IJARIIT),, Volume 3, Issue 12016, pg-297-300.", ISSN:2454-132X, Indexed by DOAJ, DRJI, IJSRA, Google scholar, index Copurnicus MENDELEY, IF: 4.295,2017
47. Anniruddha Holey, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Analysis of web application vulnerabilities.", "International Journals of Computer Science & Engg (SSRG-IJCSE)", **Thomson Reuter Journal**, ISSN: 2348-8387, Indexed by Google, ProQuest, DOAJ, Cite Factor, Index Copernicus, Open J-Gate IF:1.067, 2017
48. Jyoti karnase, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Multimodal Biometric Face and Fingerprint Recognition", International Journal Of Computer & Mathematical (IJCMS), ISSN: 2347-8527, Indexed by Peer reviewed Google, ProQuest, DOAJ, Cite Factor, Index IF: 2.58,2017
49. Jyoti karnase, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Design Feature Selection For Security evaluation Against Attack in Adversarial Environment" ICETSMI-2017, ISBN: 978-81-933746-7-2, 2017
50. Damayanti Karale, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Detection of Sybil attack in wireless network using through IDS", "International Journal for Engineering application and technology" (IJFEAT)ISSN 2321-8134, Indexed by Google proquest, Index Copurnicus, DOAJ, Cite factor, Open J- Gate, IF:2.991, 2017
51. PritiMesare, Dr. S. S. Sherekar, Dr. V.M. Thakare, "Prevention and Detection of packet dropping and message tampering attack on MANET using EAMD", "International Journal Of Computer & Mathematical Sciences"(IJCMS), ISSN 2347-8527, Indexed by DIIF, Google Scholar, CiteSeer, Sensei, IF:2.58, 2017
52. Swati. S. Sherekar et al., "Data Extraction On Social Media With Sentiment Analysis And Classification", International E-Research Journal, ISSN: 2348-7143, Impact Factor: 6.261. 2019
53. Swati. S. Sherekar et al., "Hybrid Approach for detection of DDoS attack in SDN on Cloud Computing Platform", International E-Research Journal, Research Journey, ISSN: 2348-7143, Impact Factor: 6.261, UGC approved, 2019.
54. Swati. S. Sherekar et al., "An Authentication System For DDOS Attack Detection And Prevention On Cloud Platform", International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526, 2019
55. Swati. S. Sherekar et al., "Enhanced CP-ABE Algorithm for Authorisation and Efficient Encryption Decryption Process in Mobile Cloud Computing", 2019.

56. Swati. S. Sherekar et al., "Designing the Authentication System for DDoS Attack Detection and Prevention on Cloud Platform", IOSR Journal of Engineering [www.iosrjen.org](http://www.iosrjen.org), PP 21-24, ISSN (e): 2250-3021, ISSN (p): 2278-8719, UGC Approved Impact factor: 6.645. 2019

57. Swati. S. Sherekar et al., "A Survey on Sentimental Analysis on Social Media using Deep Learning", IOSR Journal of Engineering [www.iosrjen.org](http://www.iosrjen.org), PP 21-24 ISSN (e): 2250-3021, ISSN (p): 2278-8719, UGC Approved Impact factor: 6.645. 2019

58. Swati. S. Sherekar et al., "Data Security Model in Cloud Computing for Privacy and Risk Management", IOSR Journal of Engineering [www.iosrjen.org](http://www.iosrjen.org), PP 21-24 ISSN (e): 2250-3021, ISSN (p): 2278-8719, UGC Approved Impact factor: 6.645.

Issue – 7, E-IssnNo:-2349-0721, Impact Factor : 6.03, 2019

59. Swati. S. Sherekar et al., "Comparative Study Of Different High Utility Pattern Mining Techniques" International Engineering Journal For Research & Development, Vol.4

60. Swati. S. Sherekar et al., "Analysis Of Top-K Utility Pattern Mining Framework", International Conference – ICAPCM-2020.

61. Swati. S. Sherekar et al., "A Framework for more Secured and Authenticated Image

62. Sharing Schemes" International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526. , 2019

63. Swati. S. Sherekar et al., "A More Secure Image Sharing With Combination of Diverse Encryption Schemes", International E-Research Journal, Research Journey, ISSN: 2348-7143, Impact Factor: 6.261, UGC approved., 2019

64. Swati. S. Sherekar et al., "A Secured Image Sharing Encryption Watermarking Schemes", International Journal of Computer Science and Information Technology Research Vol. 7, Issue 2, pp: (142-147), ISSN 2348-120X (online) ISSN 2348-1196 (print), April - June 2019

65. Swati. S. Sherekar et al., "A Survey on Sentimental Analysis on Social Media using Deep Learning", IOSR Journal of Engineering (IOSR JEN) [www.iosrjen.org](http://www.iosrjen.org), PP 1-4, ISSN (e): 2250-3021, ISSN (p): 2278-8719, 2019

66. Swati. S. Sherekar et al., "Traceability Analysis of Face Spoofing Detection Techniques Using Machine Learning", IEEE Explorer, IEEE. 2019

67. Swati. S. Sherekar et al., "Critical Analysis of Botnet Detection Techniques for Web Applications", IEEE Explorer, IEEE. 2019

68. Swati. S. Sherekar et al., "Missing Tag Detection With RFID Traffic Management", International Engineering Journal For Research & Development, Vol.4, E-Issn No:-2349-0721, Impact Factor : 6.03, 2019

69. Swati. S. Sherekar et al., "The Analysis Of User Behavior In Web Applications And Network Security", International Engineering Journal For Research & Development, Vol.4 Issue – 7E-IssnNo:-2349-0721, Impact Factor : 6.03, 2019

70. Swati. S. Sherekar et al., "A Practical Approach Schema Of Privacy Preserving In Data Streams", International Engineering Journal For Research & Development, Vol.4, Issue – 7, E-IssnNo:-2349-0721, Impact Factor : 6.03, 2019

71. Swati. S. Sherekar et al., "IOT based Smart Home Monitoring System Using Raspberry Pi", International Engineering Journal For Research & Development, Vol.4 Issue – 7, E-IssnNo:-2349-0721 Impact Factor : 6.03, 2019

72. Swati. S. Sherekar et al., "A New Approach For Social Media Network Privacy Protection Using Data Mining", International Engineering Journal For Research & Development, Vol.4 Issue – 7, E-IssnNo:-2349-0721 Impact Factor : 6.03., 2019

73. Swati. S. Sherekar et al., "Study Of Various Implemented Approaches For RumourDetection Over Social Media Platform", International Engineering Journal For Research & Development, Vol.4 Issue – 7, E-IssnNo:-2349-0721 Impact Factor : 6.03, 2019.
74. Swati. S. Sherekar et al., "The Risks And Limitations Of Security Mechanisms On IOT Environments", International Engineering Journal For Research & Development, Vol.4 Issue – 7, E-IssnNo:-2349-0721 Impact Factor : 6.03, 2019.
75. Swati. S. Sherekar et al., "A Cloud-Storage RFID Location Detection System", Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4 Impact Factor : 6.03, 2019.
76. Swati. S. Sherekar et al., IOT Based Smart Home Automation System, Journal of Emerging Technologies and Innovative Research JETIR, Volume 6, Issue 4, ISSN-2349-5162, UGC approved journal No. 63975, April 2019
77. Swati. S. Sherekar et al., Social Media Protection Framework Against The Various Attacks Using Data Mining, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4, ISSN-2349-5162, UGC approved journal No. 63975, April 2019
78. Swati. S. Sherekar et al., Detection Of Malicious Activities (Domain, Code, Url, Users Behavior Analysis) By Using J48, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4, ISSN-2349-5162, UGC approved journal No. 63975, April 2019
79. Swati. S. Sherekar et al., "Advance Solution For Privacy Preserving In Distributed Data Mining", Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4, ISSN-2349-5162, UGC approved journal No. 63975, April 2019.
80. Swati. S. Sherekar et al., Efficient Algorithm For High Utility Pattern Mining, ISSN-2349-5162, UGC approved journal No. 63975, April 2019
81. Swati. S. Sherekar et al., "An Authentication System For DDOS Attack Detection And Prevention On Cloud Platform", International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526, 2019
82. Swati. S. Sherekar et al., "Analysis Of Scheme For Secure Access Of Software Service In Mobile Cloud Computing", International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526, 2019.
83. Swati. S. Sherekar et al., "Critical Analysis of Performance Optimization of Mobile Web Services in Cloud Environment", Proceeding of ICCES 2018, pp355-360, Published in IEEE Xplore ISBN 978-1-5386-4764-6, ISBN: 978-1-5386-4764-6, peer reviewed, IEEE explorer, 2019.
84. Swati. S. Sherekar et al., "A Study Of Botnat Architecture And Its Defense Mechanism", UGC Approved Journal AJANTA, ISSN No: 2277-5730, UGC Approved impact factor 5.5. 2019
85. Swati. S. Sherekar et al., 'Comparative Analysis Of Mobile Botnat Detection Technic", International E-Research journal, ISSN No: 2348-7143, UGC Approved impact factor 6.261., 2019
86. Swati. S. Sherekar et al., "Performance Analysis Of Selfish And Jellyfish Attack With Their Detection Technic Against MANET", International E- Research journal, ISSN: 2348-7143, UGC Approved impact factor 6.261, 2019
87. Swati. S. Sherekar et al., "A Survey On Social Networking Attack", UGC Approved AJANTA, ISSN No: 2277-5730, UGC Approved impact factor 5.5, 2019

88. Swati. S. Sherekar et al., “Energy Efficient Resource Allocation Using Cloud Layered Architecture In Mobile Cloud Computing”, International Journal of Management, Technology And Engineering, IJMTE, ISSN NO : 2249-7455, UGC approved Journal :45550, Thomson Reuters, Impact Factor 6.3., 2019.
89. Dr. S. S. Sherekar, “Data Extraction On Social Media With Sentiment Analysis And Classification”, International E-Research Journal, ISSN: 2348-7143, IF:6.261, 2019
90. Dr. S. S. Sherekar, “Taxonomy Of Authentication Techniques In Security Attacks Of Internet Of Things”, International E-Research Journal, ISSN: 2348-7143, IF:6.261, 2019
91. Dr. S. S. Sherekar, “Advance Query Processing And Its Optimization For Mobile Environment” IEEE Explorer, Pp 313-318, “Processing of the 2<sup>nd</sup> International Conference on Inventive System and Control (ICISC 2018)”, ISBN 978-15386-0807-4, ISBN978-I-5386-0806-7, 2018
92. Dr. S. S. Sherekar, “Future Trends Of Query Processing Using Effective Algorithm In Mobile Environment”, International Conference in Recent Trends in Science & Tech., ISSN: 2349-638X, IF:4.574, 2018
93. Dr. S. S. Sherekar, “Detecting SQL Injection Attacks By Finding Sensitive Keywords And Pattern”, International Journal Of Innovations and Advancement In computer Science IJIACS, vol. 7, issue 3, pp no 289-294, ISSN: 2347-8616, IF:2.65, Mar 2018
94. Dr. S. S. Sherekar, “Detecting SQL Injection Attacks Using Errors And Query Result Handling”, International Journal of Engineering, Technology, Science and Research IJETSR, vol. 4, Issue 12, ISSN: 2394-3386, IF:2.120, Dec-2017
95. Dr. S. S. Sherekar, “Detection Of Sybil Attack In Wireless Network Using Through Ids”, International Journal For Engineering Applications and Technology, Issue 5, Volume 3, ISSN: 2321-8134, IF:4.813, 2017
96. Dr. S. S. Sherekar, “Defense Mechanism Techniques Against Sybil Attack”, International Journal on Recent and Innovation trends in Computing and communication IJRITCC, volume 5, issue 9, pp no47-51, Scientific Journal, ISSN: 2321-8169, IF:5.837, 2017
97. Dr. S. S. Sherekar, “Detection And Prevention Mechanism Against Attack For MANET Routing Protocol”, International Journal of Engineering, Technology, Science and Research IJETSR, vol. 4, Issue 12, ISSN: 2394-3386, UGC Approved Journals, Dec-2017
98. Dr. S. S. Sherekar, “Critical Analysis Of Sybil Attack Detection Techniques With Its Countermeasures”, Proceeding of ICCMC 2018 pp no 37-41, Published in IEEE Xplore, ISBN: 978-I-5286-3452-3, IEEE explorer, 2018
99. Dr. S. S. Sherekar, “Detection Of SQL Injection Attacks By Removing The Parameter Values Of SQL Query”, Proceeding of ICISC 2018, pp736-741, Published in IEEE Xplore, ISBN: 978-I-5386-0806-7, IEEE explorer, 2018
100. Dr. S. S. Sherekar, “Study And Analysis Of Detection And Counter Measures Against The Attack In MANET”, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , ISSN: 2277-9477, IF:4.526, 2017
101. Dr. S. S. Sherekar, “An Authentication System For DDOS Attack Detection And Prevention On Cloud Platform”, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE), ISSN: 2277-9477, IF:4.526, 2018
102. Dr. S. S. Sherekar, “Analysis Of Scheme For Secure Access Of Software Service In Mobile Cloud Computing”, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE), ISSN: 2277-9477, IF:4.526, 2018

103. Dr. S. S. Sherekar, "Critical Analysis Of Performance Optimization Of Mobile Web Services In Cloud Environment", Proceeding of ICCES 2018, pp355-360, Published in IEEE Xplore "ISBN: 978-1-5386-4764-6, 2018
104. Dr. S. S. Sherekar, "A Study Of Botnet Architecture And Its Defense Mechanism, UGC Approved Journal AJANTA ",ISSN:2277-5730,IF:5.52018
105. Dr. S. S. Sherekar, "Comparative Analysis Of Mobile Botnet Detection Technic", International E-Research journal ",ISSN:2348-7143,IF:6.261
106. Dr. S. S. Sherekar, "Performance Analysis Of Selfish And Jellyfish Attack With Their Detection Technic Against MANET", International E-Research journal ",ISSN:2348-7143,IF:6.261, 2018
107. Dr. S. S. Sherekar, "A Survey On Social Networking Attack ", UGC Approved AJANTA",ISSN:2277-5730,IF:5.5, 2018
108. Dr. S. S. Sherekar, et. al., "Detection and Removal of Sybil Attacker in MANETs by RSS and Certificate revocation method" International Journal of Electrical and Electronic and Computational Science (IJEECS) ISSN:2348-117X UGC approved
109. Dr. S. S. Sherekar, et. al., "Network Security Using Network Coding" International Journal of computer and Mathematical Sciences (IJCMS),ISSN : 2347-8527 UGC approved
110. Dr. S. S. Sherekar, et. al."Prevention and Detection of Packet Dropping and Message tampering attack on MANET using EAMD" International Journal of computer and Mathematical Sciences (IJCMS),ISSN : 2347-8527UGC approved
111. Dr. S. S. Sherekar, et. al. "Various attacks and its detection techniques in packet dropping in wireless ad hoc network" International Journal of Research in Advent Technology (IJRAT),ISSN:2321-9637, IF 5.153
112. Dr. S. S. Sherekar, et. al., "Cipher text policy attribute-based encryption supporting flexible attributes" International Journal of Advance research, Idea and Innovation In Technology, ISSN:2454-132x ,IF 4.295
113. Dr. S. S. Sherekar, et. al., Securely Transmission of data using network coding technique International Journal of Engg. Tech. Management and Applied Sciences (IJETMAS), ISSN:2349-4476,UGC approved
114. Dr. S. S. Sherekar, et. al., "Multimodal Biometric face and fingerprint recognition" International Journal of computer and Mathematical Sciences (IJCMS), ISSN:2347-8527, UGC approved, IF 2.58
115. Dr. S. S. Sherekar, et. al."Design feature selection for security evaluation against attack in adversarial environment "International Journal of Innovation and Advancement in Computer Science (IJIACS) May-2017,ISSN:2347-8616,UGC approved
116. Dr. S. S. Sherekar, et. al., "Implementing security in cloud storage using image morphing & soft computing for steganography" International Journal of Engg. Tech. Management and Applied Sciences (IJETMAS) may-2017, ISSN: 2349-4476, UGC approved
117. Dr. S. S. Sherekar, et. al., Adaptive security architecture for physical layer security in wireless network" International Journal of Engg. Technology. Science and Research (IJETSR) may -2017, ISSN:2394-3386, UGC approved
118. Dr. S. S. Sherekar, et. al., "Reconstruction attacks against mobile-based authentication in cloud computing", International Journal of computer and Mathematical Sciences (IJCMS), ISSN:2347-8527, UGC approved
119. Dr. S. S. Sherekar, et. al., "DDos attacks on cloud access", International Journal of Innovation and Advancement in Computer Science (IJIACS), ISSN:2347-8616, UGC approved

120. Dr. S. S. Sherekar, et. al., "Side-channel attacks on cloud computing using bloom filter", International Journal of Engg. Tech. Management and Applied Sciences (IJETMAS), ISSN:2349-4476,UGC approved
121. Dr. S. S. Sherekar, et. al., "Packet dropping attack and its detection in wireless sensor network", International Journal of Engineering, science and computer, ISSN:2250-1371, IF 5.611
122. Dr. S. S. Sherekar, et. al., "Critical Analysis Of Bit Sequence Algorithm in Mobile Environment", International Journal On Recent & Innovation Trends In Computing &communication, Vol 5 Issue 9, Sept -2017, PP. 9-14, ISSN:2321-8169 ,SJIF – 5.837
123. Dr. S. S. Sherekar, et. al., "Performance Analysis Of Cache In Validation Algorithms In Mobile Environment", International Journal Pure and Applied Research In Engineering And Technology (IJPRET), ISSN:2319- 507X, UGC Approved, IF4.226
124. Dr.Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, "Various attacks and its detection techniques in packet dropping in wireless ad hoc network." International Journal of Research in Advent Technology Special Issue (IJRAT),E-ISSN: 2321-9637, Google proquest, Index Copurnicus, DOAJ, Open J- Gate, Impact factor 5.153, 2017
125. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci. &Engg SGB Amravati University, "Security techniques for based on Multi-Image Morphing for Steganography in cloud system.", "International Journal for Engineering application and technology" (IJEAT), ISSN: 2321-8134, Google proquest, Index Copurnicus, DOAJ, Open J- Gate, Impact Factor2.991 ,2017.
126. Mrs. S. S. Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, "Network Security using Linear Network" "International Journal for Engineering application and technology",Google ISSN 2321-8134,proquest, Index Copurnicus, DOAJ, Citefactor Impact Factor2.991,2017.
127. Dr.S.S.Sherekar,"Security techniques for wireless Neural Networks using soft Computing and Artificial Intelligence" "International Journal for Engineering application and technology," ISSN 2321-8134, Google proquest, Index Copurnicus, DOAJ, Cite factor Impact Factor2.991, 2017.
128. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, "Cipher Text Policy attribute-based Encryption supporting Flexible attribute.", "International Journal of Advance Research, Ideas and Innovation in Technology (IJARIIT),,Volume 3,Issue 12016,pg-297-300.", ISSN:2454-132X,DOAJ, DRJI, IJSRA, Google scholar, index Copurnicus MENDELEY Impact Factor 4.295,2017.
129. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, "Secure Multi-owner data sharing for dynamic group using MONA in the cloud computing.", "International Journal of Scientific and Engineering Research, Volume 7, Issue 2, Feb 2016, pg 336-339.", ISSN: 2229-5518,Google, ProQuest, DOAJ, CiteFactor, Index Copernicus, Open J-Gate ,Impact Factor 3.8,2017.
130. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci&Engg SGB Amravati University, "Multi-Authority data access control for cloud storage system with attribute based encryption.", "International organization of Scientific Research", p- ISSN 2278-8727 Google, ProQuest, DOAJ, CiteFactor, Index Copernicus, Open J-Gate Impact Factor 3.712,2017.
131. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, "Analysis of web application vulnerabilities.", "International Journals of Computer Science &Engg (SSRG-IJCSE)", ISSN: 2348-8387,Google, ProQuest, DOAJ, CiteFactor, Index Copernicus, Open J-Gate Impact Factor 1.067,2017.

132. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, "Parametric motion estimation based on low complexity image registration algorithms", "E-proceeding for fourth International conference DRGIT&R\_ICETRET 2016.", Google, ProQuest, DOAJ, CiteFactor, Index Copernicus, Open J-Gate 2017.

133. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University "Expressive efficient data sharing in cloud storage.", "E-proceeding for fourth International conference DRGIT&R\_ICETRET 2016.", Google, ProQuest, DOAJ, CiteFactor, Index Copernicus, Open J-Gate 2017.

134. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci. &Engg SGB Amravati University, Multimodal Biometric Face and Fingerprint Recognition, 2017.

135. Mrs.S.S.Sherekar Professor Deptt of Computer Sci.&Engg SGB Amravati University, Security Evaluation of pattern classifier against phishing URL detection, 2017.

136. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, Design Feature Selection for Security evaluation Against Attack in Adversarial Environment, 2017.

137. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University., Detection of Sybil attack in wireless network using through IDS, "International Journal for Engineering application and technology", ISSN 2321-8134, Google proquest, Index Copernicus, DOAJ, Citefactor, Open J-Gate, Impact Factor 2.991, 2017.

138. Mrs.S.S.Sherekar, Professor Deptt of Computer Sci.&Engg SGB Amravati University, Prevention and Detection of packet dropping and message tampering attack on MANET using EAMD, "International Journal of Computer & Mathematical Sciences", ISSN 2347-8527, DIIF, Google Scholar, CiteSeer, Sensei Impact Factor 2.58, 2017

139. Dr. S. S. Sherekar, et. al, Emotion Detection Through Facial Expression, International Journal For Application and Technology (IJFEAT), e-ISSN : 2321-8134, peer reviewed Google Proquest, Copernicus, DOAJ, Open J-Gate

140. Dr. S. S. Sherekar, et. al, Network Security using Linear Network, International Journal For Application and Technology (IJFEAT), e-ISSN : 2321-8134, peer reviewed

141. Dr. S. S. Sherekar, et. al, Detection and Removal of Sybil Attacker in MANETs by RSS and Certificate revocation method, International Journal of Electrical and Electronic and Computational Science (IJEECS), ISSN:2348-117X, UGC approved, peer reviewed

142. Dr. S. S. Sherekar, et. al, Network Security Using Network Coding, International Journal of computer and Mathematical Sciences (IJCMS), ISSN : 2347-8527, UGC approved, peer reviewed

143. Dr. S. S. Sherekar, et. al, Various attacks and its detection techniques in packet dropping in wireless ad hoc network, International Journal of Research in Advent Technology (IJRAT), ISSN:2321-9637, Thomson Reuters, peer reviewed IF: 5.153

144. Dr. S. S. Sherekar, et. al, Security techniques for wireless neural network using soft computing and artificial intelligence, International Journal For Engineering Applications and technology, ISSN:2321-8134, peer reviewed IF: 2.991

145. Dr. S. S. Sherekar, et. al, Security techniques for Based on Multi-Image Morphing For steganography in cloud systems, International Journal For Engineering Applications and technology (IJFEAT), ISSN:2321-8134, peer reviewed IF : 2.991

146. Dr. S. S. Sherekar, et. al, Multimodal Biometric face and fingerprint recognition, International Journal of computer and Mathematical Sciences (IJCMS), ISSN:2347-8527, UGC approved, peer reviewed IF : 2.58

147. Dr. S. S. Sherekar, et. al ,Design feature selection for security evaluation against attack in adversarial environment ,International Journal of Innovation and Advancement in Computer Science (IJIACS) May-2017, ISSN:2347-8616, UGC approved, peer reviewed

148. Dr. S. S. Sherekar, et. al ,Implementing security in cloud storage using image morphing & soft computing for steganography, International Journal of Engg. Tech. Management and Applied Sciences (IJETMAS) may-2017, vol 5, issue 5, ISSN:2349-4476, UGC approved, peer reviewed

149. Dr. S. S. Sherekar, et. al ,Adaptive security architecture for physical layer security in wireless network, International Journal of Engg. Technology. Science and Research (IJETSR) may -2017, ISSN:2394-3386, UGC approved, peer reviewed

150. Dr. S. S. Sherekar, et. al ,Packet dropping attack and its detection in wireless sensor network, International Journal of Engineering, science and computer IJESC, vol 7, issue 4, ISSN:2250-1371, peer reviewed IF : 5.611

151. Dr. S. S. Sherekar, et. al ,Detection of Sybil attack in wireless network using through IDS, International Journal For Engineering Applications and technology, ISSN:2321-8134, peer reviewed IF: 2.991

152. Dr. S. S. Sherekar, et. al ,Defense Mechanism Techniques Against Sybil Attack, International Journal On Recent & Innovation Trends In Computing & communication Vol 5 Issue 9, Sept -2017, PP. 47-51, ISSN:2321-8169, peer reviewed , SJIF – 5.837

153. Dr. S. S. Sherekar, et. al, Critical Analysis Of Bit Sequence Algorithm in Mobile Environment, International Journal On Recent & Innovation Trends In Computing & communication Vol 5 Issue 9, Sept -2017, PP. 9-14, ISSN:2321-8169, peer reviewed , SJIF – 5.837

154. Dr. S. S. Sherekar, et. al ,Multi Layer Attacks On MANET, International Journal On Recent & Innovation Trends In Computing & communication Vol 5 Issue 9, Sept -2017, PP. 4-8, ISSN:2321-8169, peer reviewed , SJIF – 5.837

155. Dr. S. S. Sherekar, et. al , Analysis Of SQL Injection Attack Detection Techniques For Web-Based Application , International Journal On Recent & Innovation Trends In Computing & communication Vol 5 Issue 9, Sept -2017, PP. 22-26, ISSN:2321-8169, peer reviewed , SJIF – 5.837

156. Dr. S. S. Sherekar, et. al ,Performance of Routing Protocol in Mobile Ad Hoc Network & its effect on QoS of MANET, IEEE Int Conf on Advancements & Innovations in Engg, Tech & M'ment (ICAIETM-2017) vol 6, issue 12 , ISSN 2347-8616, peer reviewed,

157. Dr. S. S. Sherekar, et. al ,Detection of SQL Injection Attack by remaining the parameter values of SQL Query, IEEE Explorer, IEEE, peer reviewed, IEEE

158. Dr. S. S. Sherekar, et. al, Advanced Query Processing and its Optimization for mobile computing environment, IEEE Explorer, IEEE, peer reviewed, IEEE

159. Dr. S. S. Sherekar, et. al , Data Extraction On Social Media With Sentiment Analysis And Classification, International E-Research Journal, ISSN: 2348-7143, Impact Factor: 6.261

160. Dr. S. S. Sherekar, et. al , Rumour Verification System Using Sequential And Multi-Tasking Approaches, Recent Advances in Science and Technology (RAISAT – 2019), 5 and 6 March - 2019, Gawande Mahavidhyala, Umardhak,

161. Dr. S. S. Sherekar, et. al , Taxonomy Of Authentication Techniques In Security Attacks Of Internet Of Things, International E- Research journal , ISSN: 2348-7143, UGC Approved Impact Factor :6.261

162. Dr. S. S. Sherekar, et. al , Internet Of Things Security Architecture: Challenges And ISSUES, Recent Advances in Science and Technology (RAISAT-2019), 5 and 6 March-2019, Gawande Mahavidhyala, Umardked,

163. Dr. S. S. Sherekar, et. al, Advance Query Processing And Its Optimization For Mobile EnvironmentPp 313-318, Processing of the 2<sup>nd</sup> International Conference on Inventive System and Control (ICISC 2018), ISBN 978-1-5386-0807-4, Proceeding of ICISC 2018 Published in IEEE Xplore ISBN978-I-5386-0806-7

164. Dr. S. S. Sherekar, et. al , Future Trends Of Query Processing Using Effective Algorithm In Mobile Environment, International Conference in Recent Trends in Science & Tech., ISSN: 2349-638X, AIIRJImpact Factor: 4.574

165. Dr. S. S. Sherekar, et. al , Detecting SQL Injection Attacks By Finding Sensitive Keywords And Pattern ,International Journal Of Innovations and Advancement In computer Science IJIACS, vol. 7,issue 3, , pp no 289-294, Mar 2018, ISSN: 2347-8616, Impact Factor: 2.65

166. Dr. S. S. Sherekar, et. al , Detecting SQL Injection Attacks Using Errors And Query Result Handling, International Journal of Engineering, Technology, Science and Research IJETSR, vol. 4, Issue 12, Dec-2017, ISSN: 2394-3386, Impact Factor: 2.120

167. Dr. S. S. Sherekar, et. al , Detection Of Sybil Attack In Wireless Network Using Through Ids, International Journal For Engineering Applications and Technology, Issue 5, Volume 3, 2017, ISSN: 2321-8134, Impact Factor: 4.813

168. Dr. S. S. Sherekar, et. al , Defense Mechanism Techniques Against Sybil Attack, International Journal on Recent and Innovation trends in Computing and communication IJRITCC, volume 5, issue 9,pp no47-51, Scientific Journal , ISSN: 2321-8169, Impact Factor: 5.837

169. Dr. S. S. Sherekar, et. al , Detection And Prevention Mechanism Against Attack For MANET Routing Protocol, International Journal of Engineering, Technology, Science and Research IJETSR, vol. 4 , Issue 12, Dec-2017, ISSN: 2394-3386, UGC Approved Journal

170. Dr. S. S. Sherekar, et. al,Critical Analysis Of Sybil Attack Detection Techniques With Its Countermeasures, Proceeding of ICCMC 2018 pp no 37-41, Published in IEEE Xplore , ISBN: 978-I-5286-3452-3, IEEE explore **Scopus Index**

171. Dr. S. S. Sherekar, et. al , Detection Of SQL Injection Attacks By Removing The Parameter Values Of SQL Query, Proceeding of ICISC 2018, pp736-741, Published in IEEE Xplore , ISBN: 978-I-5386-0806-7, IEEE explore**Scopus Index**

172. Dr. S. S. Sherekar, et. al , Study And Analysis Of Detection And Counter Measures Against The Attack In MANET, International Journal of Electronics, Communication And Soft Computing Science &Engineering(IJECSCSE) , , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526

173. Dr. S. S. Sherekar, et. al , An Authentication System For DDOS Attack Detection And Prevention On Cloud Platform, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526

174. Dr. S. S. Sherekar, et. al , Analysis Of Scheme For Secure Access Of Software Service In Mobile Cloud Computing, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) ,ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526

175. Dr. S. S. Sherekar, et. al , Critical Analysis Of Performance Optimization Of Mobile Web Services In Cloud Environment, Proceeding of ICCES 2018, pp355-360, Published in IEEE Xplore ISBN 978-1-5386-4764-6, ISBN: 978-1-5386-4764-6, peer reviewed, IEEE explorer

176. Dr. S. S. Sherekar, et. al,A Study Of Botnet Architecture And Its Defense Mechanism ,UGC Approved Journal AJANTA , ISSN No: 2277-5730, UGC Approved Impact Factor: 5.5

177. Dr. S. S. Sherekar, et. al, Comparative Analysis Of Mobile Botnet Detection Technique, International E-Research journal ,ISSN No: 2348-7143, UGC Approved Impact Factor: 6.261

178. Dr. S. S. Sherekar, et. al , Performance Analysis Of Selfish And Jellyfish Attack With Their Detection Technic Against MANET, International E- Research journal, ISSN: 2348-7143, UGC Approved Impact Factor: 6.261

179. Dr. S. S. Sherekar, et. al , A Survey On Social Networking Attack ,UGC Approved AJANTA , ISSN No: 2277-5730, UGC Approved Impact Factor: 5.5

180. Dr. S. S. Sherekar, et. al , Data Extraction On Social Media With Sentiment Analysis And Classification, International E-Research Journal, ISSN: 2348-7143, Impact Factor: 6.261

181. Dr. S. S. Sherekar, et. al , Hybrid Approach for detection of DDoS attack in SDN on Cloud Computing Platform, International E-Research Journal, Research Journey, ISSN: 2348-7143, Impact Factor: 6.261, UGC approved

182. Dr. S. S. Sherekar, et. al, An Authentication System For DDOS Attack Detection And Prevention On Cloud Platform, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526

183. Dr. S. S. Sherekar, et.al, Enhanced CP-ABE Algorithm for Authorisation and Efficient Encryption Decryption Process in Mobile Cloud Computing, International Journal of Management, Technology And Engineering Volume IX, Issue I, JANUARY/2019 ,ISSN NO : 2249-7455, UGC Approved Impact factor: 6.3

184. Dr. S. S. Sherekar, et. al, Designing the Authentication System for DDoS Attack Detection and Prevention on Cloud Platform., IOSR Journal of Engineering (IOSR JEN) [www.iosrjen.org](http://www.iosrjen.org)PP 21-24, ISSN (e): 2250-3021, ISSN (p): 2278-8719, UGC Approved Impact factor: 6.645

185. Dr. S. S. Sherekar, et. al ,Data Security Model in Cloud Computing for Privacy and Risk Management, IOSR Journal of Engineering (IOSR JEN) [www.iosrjen.org](http://www.iosrjen.org)PP 21-24, ISSN (e): 2250-3021, ISSN (p): 2278-8719, UGC Approved Impact factor: 6.645

186. Dr. S. S. Sherekar, et. al , Comparative Study Of Different High Utility Pattern Mining Techniques, International Engineering Journal For Research &Development, **Vol.4Issue – 7**, E-ISSN No:-2349-0721, Impact Factor : 6.03

187. Dr. S. S. Sherekar, et. al , Analysis Of Top-K Utility Pattern Mining Framework, International Conference – ICAPCM-2020, Open access journal,

188. Dr. S. S. Sherekar, et. al , A Framework for more Secured and Authenticated ImageSharing Schemes, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526

189. Dr. S. S. Sherekar, et. al , Traceability Analysis of Face Spoofing Detection Techniques Using Machine Learning, IEEE Explorer, ISSN:15582256, 00189219, Impact Factor- 2.33

190. Dr. S. S. Sherekar, et. al , Critical Analysis of Botnet Detection Techniques for Web Applications, IEEE Explorer, ISSN:15582256, 00189219, Impact Factor- 2.33

191. Dr. S. S. Sherekar, et. al, Missing Tag Detection With RFID Traffic Management, International Engineering Journal For Research &Development, **Vol.4Issue – 7**, E-Issn No:- 2349-0721, Impact Factor : 6.03

192. Dr. S. S. Sherekar, et. al , The Analysis Of User Behaviour In Web Applications And Network Security, International Engineering Journal For Research &Development, **Vol.4Issue – 7**, E-Issn No:-2349-0721, Impact Factor : 6.03

193. Dr. S. S. Sherekar, et. al , A Practical Approach Schema Of Privacy PreservingIn Data Streams, International Engineering Journal For Research &Development, **Vol.4Issue – 7**, E-Issn No:-2349-0721, Impact Factor : 6.03

194. Dr. S. S. Sherekar, et. al , IOT based Smart Home Monitoring System Using Raspberry Pi, International Engineering Journal For Research &Development, **Vol.4Issue – 7**, E-Issn No:-2349-0721, Impact Factor : 6.03

195. Dr. S. S. Sherekar, et. al , A New Approach For Social Media Network Privacy Protection Using Data Mining, International Engineering Journal For Research &Development, **Vol.4Issue – 7**, E-Issn No:-2349-0721, Impact Factor : 6.03

196. Dr. S. S. Sherekar, et. al ,Study Of Various Implemented Approaches For Rumour Detection Over Social Media Platform, International Engineering Journal For Research &Development, **Vol.4Issue – 7**, E-Issn No:-2349-0721, Impact Factor : 6.03

197. Dr. S. S. Sherekar, et. al,The Risks And Limitations Of Security Mechanisms OnIOT Environments, International Engineering Journal For Research & Development, **Vol.4Issue – 7**, E-IssnNo:-2349-0721, Impact Factor : 6.03

198. Dr. S. S. Sherekar, et. AlA Cloud-Storage RFID Location Detection System, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4 , ISSN-2349-5162, UGC approved journal No. 63975

199. Dr. S. S. Sherekar, et. AlIOT Based Smart Home Automation System, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4 , ISSN-2349-5162, UGC approved journal No. 63975

200. Dr. S. S. Sherekar, et. AlSocial Media Protection Framework Against The Various Attacks Using Data Mining, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4 , ISSN-2349-5162, UGC approved journal No. 63975

201. Dr. S. S. Sherekar, et. al , Detection Of Malicious Activities (Domain, Code, Url, Users Behavior Analysis) By Using J48, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4 , ISSN-2349-5162, UGC approved journal No. 63975

202. Dr. S. S. Sherekar, et. al , Advance Solution For Privacy Preserving In Distributed Data Mining, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4 , ISSN-2349-5162, UGC approved journal No. 63975

203. Dr. S. S. Sherekar, et. al , Efficient Algorithm For High Utility Pattern Mining, Journal of Emerging Technologies and Innovative Research JETIR April 2019, Volume 6, Issue 4 , ISSN-2349-5162, UGC approved journal No. 63975

204. Dr. S. S. Sherekar, et. al , An Authentication System For DDOS Attack Detection And Prevention On Cloud Platform, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526

205. Dr. S. S. Sherekar, et. al , Analysis Of Scheme For Secure Access Of Software Service In Mobile Cloud Computing, International Journal of Electronics, Communication And Soft Computing Science & Engineering(IJECSCSE) , , ISSN: 2277-9477, peer reviewed, Impact Factor: 4.526

206. Dr. S. S. Sherekar, et. al ,Critical Analysis Of Performance Optimization Of Mobile Web Services In Cloud Environment, Proceeding of ICCES 2018, pp355-360, Published in IEEE Xplore ISBN 978-1-5386-4764-6, ISBN: 978-1-5386-4764-6, peer reviewed, IEEE explorer

207. Dr. S. S. Sherekar, et. a Study Of Botnat Architecture And Its Defense Mechanism ,UGC Approved Journal AJANTA , ISSN No: 2277-5730, UGC Approved Impact Factor: 5.5

208. Dr. S. S. Sherekar, et. al , Comparative Analysis Of Mobile Botnat Detection Technic, International E-Research journal ,ISSN No: 2348-7143, UGC Approved Impact Factor: 6.261

209. Dr. S. S. Sherekar, et. al , Performance Analysis Of Selfish And Jellyfish Attack With Their Detection Technic Against MANET, International E- Research journal, ISSN: 2348-7143, UGC Approved Impact Factor: 6.261

210. Dr. S. S. Sherekar, et. al, A Survey On Social Networking Attack ,UGC Approved AJANTA , ISSN No: 2277-5730, UGC Approved Impact Factor: 5.5

211. Dr. S. S. Sherekar, et. al , Dynamic Resource and Task Allocation using Wireless Cloud in mobile Cloud Computing, International Journal of Management Technology & Engineering, ISSN No:2249 -7455, UGC Approved Impact Factor: 6.3

212. Dr. S. S. Sherekar, et. al, Energy Efficient Resource Allocation Using Cloud Layered Architecture in Mobile Cloud Computing, International Journal of Management Technology & Engineering, ISSN No:2249 -7455, UGC Approved Impact Factor: 6.3

213. Dr. S. S. Sherekar, et. al , A Location Privacy Protection Technique for Resource Enhancement in Mobile Cloud System, International Journal of Management, Technology And Engineering, IJMTE, ISSN NO : 2249-7455, UGC APPROVED journal no : 45550Thomson Reuters id : **H-2418-2017** Impact factor : 6.3

214. Dr. S. S. Sherekar, et. al , Traceability Analysis of Face Spoofing Detection Techniques Using Machine Learning, IEEE Explorer Digital Library, Proceedings of IEEE, IF : 10.252

215. Dr. S. S. Sherekar, et. al , Critical Analysis of Botnet Detection Techniques for Web Applications, IEEE Explorer Digital Library, Proceedings of IEEE, IF : 10.252

216. Dr. S. S. Sherekar, et. al, Analytical Classification of Sybil Attack Detection Techniques, Lecture Notes on Data Engg and Communications Technologies : Proceedings of Intelligent Data Communication Technologies and IoT : **Springer Nature** , ISSN : 2367- 4512, Web of Science and Scopus IndexIF 1.17

217. Dr. S. S. Sherekar, et. Al "Clustering Schemes Use for To Mobile Adhoc Network", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN:2456-3307, UGC Journal No.64718Impact Factor :6.135

218. Dr. S. S. Sherekar, et. al , "Intrusion Detection System based on K-means, Classification and Regression Trees Algorithm" ,International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) , ISSN : 2456-3307, UGC Journal No : 64718Impact Factor = 6.135

219. Dr. S. S. Sherekar, et. al , "A New Popularity Prediction Model for Detection of Trending Topics based on Support Vector Machine over Online Social Networking", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN : 2456-3307, UGC Journal No : 64718Impact Factor = 6.135

220. Dr. S. S. Sherekar, et. al , Critical Analysis Of Performance Optimization Of Mobile Web Services In Cloud Environment, Proceeding of ICCES 2018, pp355-360, Published in IEEE Xplore ISBN 978-1-5386-4764-6 , ISBN: 978-1-5386-4764-6, peer reviewed, IEEE explorer

221. Dr. S. S. Sherekar, et. al, "Development of Text Clustering Method with K-Means for Analysis of Text Data", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN : 2456-3307, UGC Journal No : 64718Impact Factor = 6.135

222. Dr. S. S. Sherekar, et. al, "Clustering Schemes Use for To Mobile AdHoc Network", International Journal of Scientific Research in Computer Science, Engineering and

223. Dr. S. S. Sherekar, et. al, "Intrusion Detection System using Data Mining Techniques", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN :2456-3307, UGC Journal No. 64718Impact Factor=6.135

224. Dr. S. S. Sherekar, et. al , "Study of Various Models for Popularity Prediction in Online Social Networks and Designing Appropriate Model", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN :2456-3307, UGC Journal No. 64718Impact Factor=6.135

225. Dr. S. S. Sherekar, et. al , "Development of Efficient Clustering Approach for Analysis of Real Data", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN:2456-3307, UGC Journal No. 64718Impact Factor=6.135

226. Dr. S. S. Sherekar, et. al, "An Enhanced ANTSEC Framework with Clustering based Cooperative Caching in the Mobile Adhoc Networks", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN:2456-3307, UGC Journal No.64718Impact Factor = 6.135

227. Dr. S. S. Sherekar, et. al , Development of Text Clustering Method with K-Means for Analysis of Text Data, International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN:2456-3307, UGC Journal No.64718Impact Factor = 6.135

228. Dr. S. S. Sherekar, et. al , A New Popularity Model for Detection of Trending Topics based on Support Vector Machine over Online Social Networking, International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN:2456-3307, UGC Journal No.64718Impact Factor = 6.135

229. Dr. S. S. Sherekar, et. al , A brief study on the prediction of crop disease using machine learning approaches, IEEE ExplorerDigital Library, Proceedings of IEEE, **Scopus IndexIF** : 10.252

230. Dr. S. S. Sherekar, et. al , Twitter Sentiment Analysis using Natural Language Processing, IEEE ExplorerDigital Library, Proceedings of IEEE, **Scopus IndexIF** : 10.252

231. Dr. S. S. Sherekar, et. al ,Factors Related To The Improvement of Face Anti-Spoofing Detection Techniques With CNN Classifier, IEEE ExplorerDigital Library, Proceedings of IEEE, **Scopus IndexIF** : 10.252

232. Dr. S. S. Sherekar, et. al, Features Representation of Botnet Detection Using Machine Learning Approaches, IEEE ExplorerDigital Library, Proceedings of IEEE, **Scopus IndexIF** : 10.252

233. Dr. S. S. Sherekar, et. al, Novel Technology in Fog Computing for Secure Data Sharing, Journal Of Emerging Technologies & Innovative Research (JETIR), ISSN : 2349-5162, UGC Journal No :63975Impact Factor :7.95

234. Dr. S. S. Sherekar, et. al,"Clustering Schemes Use for To Mobile Adhoc Network", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN:2456-3307, UGC Journal No.64718Impact Factor :6.135

235. Dr. S. S. Sherekar, et. al , "Intrusion Detection System based on K-means, Classification and Regression Trees Algorithm" ,International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) , ISSN : 2456-3307, UGC Journal No : 64718Impact Factor = 6.135

236. Dr. S. S. Sherekar, et. al , "A New Popularity Prediction Model for Detection of Trending Topics based on Support Vector Machine over Online Social Networking", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN : 2456-3307, UGC Journal No : 64718Impact Factor = 6.135

237. Dr. S. S. Sherekar, et. al , "Development of Text Clustering Method with K-Means for Analysis of Text Data", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN : 2456-3307, UGC Journal No : 64718Impact Factor = 6.135

238. Dr. S. S. Sherekar, et. al "Study of Various Models for Popularity Prediction in Online Social Networks and Designing Appropriate Model", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) ,ISSN :2456-3307, UGC Journal No. 64718Impact Factor=6.135

## **29. Paper Published and Presented at International/National Conferences**

### **A] Paper published in the Proceedings of the International Conferences**

1. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Digital Watermarking: The new Security Technique for ICT", Proceeding of International Conference on "ICT in education & development" organized by Dr. C.V. Raman University & AISECT, pp. 197-202, Dec. 16-18, 2004.
2. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Digital watermarking for Data Authentication & Copyright Protection", Proceeding of International Conference on "Multidisciplinary Aspects of Engg." (IMAE05) Organized by Deptt. of Elect & Tele, PIET, Pune & IEEE WIE, pp. 275-280, 7,8 Jan., 2005.
3. S.S. Sherekar, V.M. Thakare, "Women Empowerment Model: A Process For Evaluating Woman In Digital Era", Proceeding of International Conference on "Women in digital era: Opportunities & challenges" (WIT-2003) Annamalai University, Tamilnadu, pp. 146-151, 10-12 Dec 2003.
4. S.S. Sherekar, V.M. Thakare, "Online Portals : Tool To Minimize Gender Bias", Proceeding of International Conference on "Women in digital era : Opportunities & challenges" (WIT-2003) Annamalai University, Tamilnadu, pp.231-235, 10-12 Dec 2003.
5. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Efficient Methodology For Watermarking Technique", Proceeding of International conference on "Advances in computer vision & IT", Dr. BAMU, Aurangabad, pp. 1638-1644, 28-30 Nov 2007.
6. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Critical Analysis of Basic Digital Watermarking Techniques for Images", Proceeding of International Conference on Emerging Trends in Computer Science, Communication, and Technology", Nanded, pp. 272-276, Jan. 9-11, 2009.
7. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Web Based Image Authentication Using Invisible Digital Watermark", Proceeding of International conference on Advance Computing, Chikhali, pp. 167-172, 21-22 Feb 2008.
8. Miss Sheetal B. Soneji, Dr. V.M.Thakhare, Dr.SwatiS.Sherekar, "Intelligent mobile device Location Management using Data Mining in Mobile Computing", Proceedings of International Conf. on Emerging Research and Application, pp 227-234, **ICERA-2012**, GCE Jalgaon, 1-2 Mar -2012
9. Ms. U. S. Junghare, Dr. V. M. Thakare, Dr. S S. Sherekar, Dr. R. V. Dharaskar, "An Interactive Approach for Local and Remote 3D Visualization onMobile Devices", **International Journal of Computer Applications, New York**,pp 48-53, Apr. 2012.

10. Miss Sheetal B. Soneji, Dr. V.M.Thakare, Dr.SwatiS.Sherekar, "Study Of Location Prediction Techniques For Mobile Devices InWireless Network", International **Journal of Computer Applications, New York**,pp 78-80, Apr. 2012.
11. S.V.Sirbhate, Dr. V.M.Thakare, Dr.S.S.Sherekar, "Study of Intrusion Detection Techniques In MANET", International **Journal of Computer Applications, New York**, pp 81-85, Apr. 2012.
12. Ms. V. S. Tondre, Dr. V. M. Thakare, Dr.R.V. Dharaskar,, Dr. S.S. Sherekar, "Measures used for Performance Analysis of Scheduling and Routing in Distributed Systems", International **Journal of Computer Applications**, New York, pp 116-119, Apr. 2012.
13. Madhavi Vaidya, Dr.SwatiSherekar, "Study of Biometric Data Processingby Hadoop", International **Journal of Computer Applications, New York**,pp 178-183, Apr. 2012.
14. Anil Dudhe, Dr. S. S. Sherekar, "A Novel Method of Implementation of Private Cloud using Eucalyptus", International **Journal of Computer Applications, New York**,pp 314-317, Apr. 2012.
15. Z. G. Sheikh, Dr. V.M. Thakare, Dr. S. S. Sherekar, "A Novel Algorithm for Automatic Human Face Retrieval in Video", International **Journal of Computer Applications, New York**,pp 339-343, Apr. 2012.
16. S.V.Sirbhate, Dr. V.M.Thakare, Dr.S.S.Sherekar, "Performance Analysis of Intrusion Detection Architectures in Mobile Ad-Hoc Network", Proc. Of National conf. on Innovative research trends in computer sci. &Engg.,Raisoni college of Engg. ,ISBN- 978-93-5087-879-8, 3-4 Dec. 2012.
17. S.V.Sirbhate, Dr. V.M.Thakare, Dr.S.S.Sherekar, "Machine Learning Approaches for Detecting Intrusions in Network System", International Journal of Computer Applications, New York, pp 39-42, 2012.
18. Sheetal Soneji, Dr. V.M.Thakare, Dr.S.S.Sherekar, "Critical Analysis of Recent Location Management Methods in Mobile Computing Environment", International Journal of Computer Applications, New York, pp , Dec. 2012.
19. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Advances in Face Detection Techniques in Video", **IEEE Explore**, 978-1-4673-2925-5/12/\$31.00@2012, pg. 278-283, 2012.
20. S. V .Sirbhate, Dr V. M. Thakare, Dr S. S .Sherekar, "Critical Analysis of Intrusion Detection Techniques In MANET", International Journal of Advanced Research in Computer Science (IJARCS), ISSN 0976-5697,volume 3, No. 3, PP.789-793, May –June 2012.
21. S. V. Shirbhate, Dr V. M. Thakare, Dr S. S. Sherekar, " Data Mining Approaches For Network Intrusion Detection System",International Journal of Computer Technology and Electronics Engineering (IJCTEE), vol.2 , issue 1,ISSN 2249-6343,PP. 41-44, Dec.2011.
22. S. V. Shirbhate, V. M. Thakare, S. S. Sherekar, "Study Of Intrusion Detection Techniques In MANET", proceedings published by International Journal Of Computer Applications (IJCA) ISSN: 0975-8887, PP. 4-8, April 2012.
23. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar "Novel 3D Visualization Techniques for Image Data on Mobile Devices", S B Jain conf. 17 Feb 2013.
24. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Analytical Evaluation of Multi-clue Retrieval Approach", International Journal of Computer Science & Applications, vol. 6-12, No.2, pg 6-.,2013.
25. RuchitaChinchmalatpure, Dr.S.S.Sherekar, Dr. V.M.Thakare, "Mobile Multimedia System Approach Development of Mobile Applications & Services with Data visualization", International Journal of Computer Science & Applications, vol. 6, No.2, pg 107-112, 2013.

26. S. V. Shirbhate, S. S. Sherekar, V. M. Thakare, “Technical Analysis of Intrusion Detection in Routing Protocol for Mobile Ad Hoc Network”, International Journal of Computer Science & Applications, vol. 6, No.2, pg 122-126, 2013.
27. Satish Belsare, Dr.Mrs. S.S. Sherekar, Dr. V. M. Thakare, “Interaction of Mobile Agent and Web Services”, International Journal of Computer Science & Applications, vol. 6, No.2, pg 248-251, 2013.
28. Ajay Chendke, Dr.Mrs. S.S. Sherekar, Dr. V. M. Thakare, “Comparative Study of Query Processing Architectures in Mobile Environment International Journal of Computer Science & Applications, vol. 6, No.2, pg 252-255, 2013.
29. Tina Patil,Dr.Mrs. S.S. Sherekar, “Performance Analysis of Naïve Bayes and J48 Classification Algorithm for Data Classification”, International Journal of Computer Science & Applications, vol. 6, No.2, pg 256-260, 2013.
30. Arpita Hirudkar, Dr.Mrs. S.S. Sherekar, “Comparative Analysis of Data Mining Tools and Techniques for Evaluating Performance of Database System”, International Journal of Computer Science & Applications, vol. 6, No.2, pg 232-236, 2013.
31. Swati. S. Sherekar et al., “Missing Tag Detection With RFID Traffic Management”, International Conference on Industry 4.0: Innovations in Engg Tech & M’ment, 29.11- 01.12, 2019, PRMIT&R, Badnera
32. Swati. S. Sherekar et al., “The Analysis Of User Behaviour In Web Applications And Network Security”, International Conference on Industry 4.0: Innovations in Engg Tech & M’ment, 29.11- 01.12, 2019, PRMIT&R, Badnera
33. Swati. S. Sherekar et al., “A Practical Approach Schema Of Privacy Preserving In Data Streams”, International Conference on Industry 4.0: Innovations in Engg Tech & M’ment, 29.11- 01.12, 2019, PRMIT&R, Badnera.
34. Swati. S. Sherekar, “IOT based Smart Home Monitoring System Using Raspberry Pi”, International Conference on Industry 4.0: Innovations in Engg Tech & M’ment, 29.11- 01.12, 2019, PRMIT&R, Badnera.
35. Swati. S. Sherekar et al., “A New Approach For Social Media Network Privacy Protection Using Data Mining”, International Conference on Industry 4.0: Innovations in Engg Tech & M’ment, 29.11- 01.12, 2019, PRMIT&R, Badnera
36. Swati. S. Sherekar et al., “Study Of Various Implemented Approaches For Rumour Detection Over Social Media Platform”, International Conference on Industry 4.0: Innovations in Engg Tech & M’ment, 29.11- 01.12, 2019, PRMIT&R, Badnera.
37. Swati. S. Sherekar et al., “The Risks And Limitations Of Security Mechanisms On IOT Environments”, International Conference on Industry 4.0: Innovations in Engg Tech & M’ment, 29.11- 01.12, 2019, PRMIT&R, Badnera.
38. Swati. S. Sherekar et al., “A Cloud-Storage RFID Location Detection System”, National Conference on Recent Developments in Science, Engg & Technology RDSET-2019, 03.04.2019, Sanmati College of Engg, Washim
39. Swati. S. Sherekar et al., “IOT Based Smart Home Automation System”, National Conference on Recent Developments in Science, Engg & Technology RDSET-2019, 03.04.2019, Sanmati College of Engg, Washim.
40. Swati. S. Sherekar et al., “Social Media Protection Framework Against The Various Attacks

Using Data Mining”, National Conference on Recent Developments in Science, Engg& Technology RDSET-2019, 03.04.2019, Sanmati College of Engg, Washim

41. Swati. S. Sherekar et al., “Detection Of Malicious Activities (Domain, Code, Url, Users Behavior Analysis) By Using J48”, National Conference on Recent Developments in Science, Engg& Technology RDSET-2019, 03.04.2019, Sanmati College of Engg, Washim.
42. Swati. S. Sherekar et al., “Advance Solution For Privacy Preserving In Distributed Data Mining”, National Conference on Recent Developments in Science, Engg& Technology RDSET-2019, 03.04.2019, Sanmati College of Engg, Washim.
43. Swati. S. Sherekar et al., “Efficient Algorithm For High Utility Pattern Mining”, National Conference on Recent Developments in Science, Engg& Technology RDSET-2019, 03.04.2019, Sanmati College of Engg, Washim.
44. Swati. S. Sherekar et al., “An Authentication System For DDOS Attack Detection And Prevention On Cloud Platform”, National Conference on Recent Developments in Science, Engg& Technology RDSET-2019, 03.04.2019, Sanmati College of Engg, Washim.
45. Dr. S. S. Sherekar, “Detection Of SQL Injection Attacks By Removing The Parameter Values Of SQL Query”, “IEEE International Conf On Inventive Sys & Control (ICISC2018)”, JCT College Of Engg, & Tech, Coimbatore, India2018
46. Dr. S. S. Sherekar, “Dynamic Resource And Task Allocation Using Wireless Cloud In Mobile Cloud Computing”, “1<sup>st</sup> International Conference On Multidisciplinary Research”, ISBN: 978-87793-37-8, Niilm University, Kaithal, Haryana, India 2018
47. Dr. S. S. Sherekar, “A Location Privacy Protection Technique For Resources Enhancement In Mobile Cloud System”, “ICRTESM - 2018”, ISBN: 978-93-87793-36-1, Osmania University Campus, Hyderabad, India- 2018
48. Dr. S. S. Sherekar, “Energy Efficient Resource Allocation Using Cloud Layered Architecture In Mobile Cloud Computing”, “International Conference On Research Developments In Applied Science, Engineering And Management”, ISBN: 978-93-87793-43-9, Panjab University Campus Chandigarh, India- 2018
49. Dr. S. S. Sherekar, “Study Of Security Challenges in Multilayered structure and various Attacks on IOT”, “61<sup>st</sup> Annual IETE Convention-2018”, IETE Head Quarters New Delhi and IETE Amravati Center (M.S.)- 2018
50. Dr. S. S. Sherekar, “Review On Social Security Attacks On Online Social Networking For Rumour Blocking (CS-107)”, “61<sup>st</sup> Annual IETE Convention-2018”, IETE Head Quarters New Delhi and IETE Amravati Center (M.S.) - 2018
51. Paper presented at international conference, “Detection of SQL injection attacks by removing the parameter values of SQL Query”, on IEEE International Conf on Inventive Sys & Control (ICISC2018), at JCT college of Engg, & Tech, Coimbatore
52. Paper presented at international conference on, “Twofish Algorithm & PVO- Based Reversible Data Hiding for Encrypted Images”, International Conf. on Engg Humanities & Sci, at Tamilnadu College of Engg
53. Paper presented at International Conf. on Engg, “Detection & Prevention Mechanism against attack for MANET Routing Protocol”, Tech, Sci, & M’ment Innovation (ICETSMI-2017), at Conf Info Association, pune

54. Paper presented at international conference on, “Performance of Routing Protocol in Mobile Ad Hoc Network & its effect on QoS of MANET”, IEEE Int Conf on Advancements & Innovations in Engg, Tech & M’ment (ICAIETM-2017) Conf Info Association, at Hyderabad  
Paper presented at international conference on, “Decentralized Approach to mitigate

55. Paper presented at International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2018, “wormhole attack in wireless sensor network “, Conf Info Association, Mumbai

56. Paper presented at international conference on, “Detection of SQL injection attacks using Errors and Query Result Handling”, IEEE Int Conf on Advancements & Innovations in Engg, Tech & M’ment (ICAIETM-2017) Conf Info Association, Hyderabad

57. Paper presented at international conference on, “Performance of Query Decomposition and Caching Optimization Techniques In Mobile Environment”, at IEEE Int. Conference On Advancement in Engineering, Applied Science and Management (ICAEASM-2017), Conf Info Association, Mumbai

58. Paper presented at International Conference On “Prevention and Detection of Packet Dropping and Message tampering attack on MANET using EAMD”, at IFUNA, New Delhi, International Conference on Advance Trends in Engineering, Management and Science (ICATEMS-2017)

59. Paper presented at International Conference On “Securely Transmission of data using network coding technique”, at IFUNA, New Delhi, International Conference on Advance Trends in Engineering, Management and Science (ICATEMS-2017)

60. Paper presented at International Conference On “DDos attacks on cloud access”, at NITTR, Chandigarh, International Conference on New Frontiers of Engineering ,Science, Management and Humanities (ICNFESMH-2017)

61. Paper presented at International Conference On “Reconstruction attacks against mobile-based authentication in cloud computing”, at IFUNA, New Delhi, International Conference on Advance Trends in Engineering, Management and Science

62. Paper presented at International Conference On “Side-channel attacks on cloud computing using bloom filter”, at C-DAC, Mumbai, International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2017)

63. Paper presented at International Conference On “Security evaluation of pattern classifier against phishing URL detection”, at MIT-ADT university, Pune, 2<sup>nd</sup> International Conference on IOT and Application for smart city -17

64. Paper presented at International Conference On “Twofish Algorithm & PVO- Based Reversible Data Hiding for Encrypted Images”, at Tamilnadu College of Engg, International Conf. on Engg Humanities & Sci. (ICEHS-2017)

65. Paper presented at International Conference On “Detection & Prevention Mechanism against attack for MANET Routing Protocol”, at Conf Info Association, pune, International Conf. on Engg, Tech, Sci, & M’ment Innovation (ICETSMI-2017)

66. Paper presented at International Conference On “Decentralized Approach to mitigate wormhole attack in wireless sensor network” at ,Conf Info Association, Mumbai, International Conference On Advancement in Engineering, Applied Science and Management (ICAEASM-2018)

67. Paper presented at International Conference On “Detection of SQL injection attacks using Errors and Query Result Handling”, at B. R. Engg College, Hyderabad, IEEE Int Conf on Advancements & Innovations in Engg, Tech & M'ment (ICAIETM-2017)
68. Paper presented at International Conference On “Performance of Query Decomposition and Caching Optimization Techniques In Mobile Environment”, at C-DAC, Conf Info Association, Mumbai, IEEE International Conference On Advancement in Engineering, Applied Science and Management (ICAEASM-2017)
69. Paper presented at International Conference On “Detecting SQL Injection Attacks by Finding Sensitive Keywords or Pattern”, at Dr. D.Y. Patil School of Engineering, Charholi(Bk), via Lohegaon, Pune, International Conference on Emerging Trends in Science, Engineering and Technology (ICETSET-2018)
70. Paper presented at International Conference On “Performance Analysis of Invalidation Algorithm in Mobile Environment” (IJPRET-IF4.226), at College of Engg Tech, Akola, International Conference On “Advances in Science, Technology and Management (IC-ASTM)
71. Paper presented at International Conference On “Learning the channel uncertainty for defensive enhancements in MANET with trust management”, SVIT, Secunderabad, Telangana, SSRG International Journal of Electronics and communication Engineering
72. Paper presented at International Conference On “Detection Of SQL Injection Attacks By Removing The Parameter Values Of SQL Query” at IEEE International Conf On Inventive Sys & Control (ICISC2018), JCT College Of Engg, & Tech, Coimbatore
73. Paper presented at International Conference On “Dynamic Resource And Task Allocation Using Wireless Cloud In Mobile Cloud Computing”, at 1<sup>st</sup> International Conference On Multidisciplinary Research, ISBN: 978-87793-37-8, Niilm University, Kaithal, Haryana, India
74. Paper presented at International Conference On “A Location Privacy Protection Technique For Resources Enhancement In Mobile Cloud System”, ICRTESM – 2018 ISBN: 978-93-87793-36-1, at Osmania University Campus, Hyderabad
75. Paper presented at International Conference On Research Developments In Applied Science, Engineering And Management “Energy Efficient Resource Allocation Using Cloud Layered Architecture In Mobile Cloud Computing”, ISBN: 978-93-87793-43-9, at Panjab University Campus Chandigarh
76. Paper presented at International Conference On “Study Of Security Challenges in Multilayered structure and various Attacks on IOT”, at 61<sup>st</sup> Annual IETE Convention-2018, IETE Head Quarters New Delhi and IETE Amravati Center (M.S.)
77. Paper presented at International Conference On “Review On Social Security Attacks On Online Social Networking For Rumour Blocking ” at (CS, 61<sup>st</sup> Annual IETE Convention-2018, IETE Head Quarters New Delhi and IETE Amravati Center (M.S.)
78. Paper presented at International Conference On “Twitter Sentiment Analysis using Natural Language Processing”, at IEEE International Conf. on Computational Intelligence & Computing Applications, IEEE- ICCICA-2126-27 .11.2021
79. Paper presented at International Conference On Factors Related To The Improvement of Face Anti-Spoofing Detection Techniques With CNN Classifier, at IEEE International Conf. on Computational Intelligence & Computing Applications, IEEE- ICCICA-2126-27 .11.2021
80. Paper presented at International Conference On Features Representation of Botnet Detection Using Machine Learning Approaches, at IEEE International Conf. on Computational Intelligence & Computing Applications, IEEE- ICCICA-2126-27 .11.2021

## **B] Paper published in the Proceedings of the National Conferences**

1. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Impact of Various Security Techniques on The Databases In Distributed Networking", Proceeding of National Conference on "Recent Trends in Information Communication Technology & Applications", NMU Jalgaon, 10-11, pp. 87-92, Oct 2002.
2. S.S. Sherekar, V.M. Thakare, "WAP: Backbone of the Wireless Internet", Proceeding of National Conference on "Information Technology revolution & H.R.M", Amravati, pp. 64-69, 11-12 Jan.,02.
3. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Watermarking Techniques for Intellectual Property Protection", Proceeding of National Conference on "Modern Trends in Software Engineering", Deptt. of Comp. Sc. & Application, Sagar University (M.P.), pp. 58-62, 10-12,Mar2003.
4. V.M. Thakare, S.S. Sherekar, "Software Architecture Design For Robotic System, Modern Trends in Software Engineering, Proceeding of National Conference on "Modern Trends in Software Engineering", Deptt. of Comp. Sc. & Application, Sagar University (M.P.), 10-12, pp. 83-87, Mar2003.
5. V.M. Thakare, S.S. Sherekar, "Parallel Computer Architecture For Rule Based System, Proceeding of IEEE conf. On "Signal processing and parallel computing" by IEEE Pune region, MAE, Alandi, pp. 132-136, 5-6 July 2003.
6. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Applications of Data Hiding In Digital Images", Proceeding of IEEE Conf. On "Signal processing and parallel computing" by IEEE Pune region, MAE, Alandi, pp. 173-177, 5-6 July 2003.
7. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Solid Waste Management: Advance Technology Using Bioprocess Engg. Through Robotics", proceeding of Workshop on "Municipal solid waste management" Amravati University, pp. 25-26 July 2003.
8. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Electronics Waste: A Growing Phenomenon", Proceeding of Workshop on "Municipal solid waste management", Amravati University, pp. 42-47, 25-26 July, 03.
9. S.S. Sherekar, V.M. Thakare, "Combining RFID with Biometrics : To achieve more security", Proceeding of National Conference on "Computer communication and security" Dr. BAMU, Aurangabad and IETE, pp. 132-136, 4-5 Jan., 2004.
10. S.S. Sherekar, V.M. Thakare, "Wi-Fi Home", Proceeding of National Conference on "Computer communication and security" Dr. BAMU, Aurangabad and IETE, pp. 166-171, 4-5 Jan., 2004.
11. S.S. Sherekar, V.M. Thakare, "Multimedia Security Through Digital Watermarking", Proceeding of National Conference on "Computer communication and security" Dr. BAMU, Aurangabad and IETE, pp. 214-220, 4-5 Jan., 2004.
12. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Software Security Through Digital Watermarking", Proceeding of National Conference on "Software Engg. Principles & Practices", Thapar Institute of Engg. & Tech.,(TIET),Patiala Deemed University, pp. 197-202, 5-6 Mar 2004.
13. S.S. Sherekar, V.M. Thakare, M.P.Dhore, "Software Reuse: Techniques & Implementation", Proceeding of National Conference on "Software Engg. Principles & Practices",Thapar Institute of Engg. & Tech.,(TIET),Patiala Deemed University, pp. 160-164, 5-6 Mar 2004.

14. S.S. Sherekar, V.M. Thakare , “Teacher student portal”, Proceeding of National Symposium on “Revamping Technical Education to make it synergistic with information revolution”, Govt. College of Engg., Amravati, pp. 112-116, 4,5 Feb., 2005 .
15. S.S. Sherekar, V.M. Thakare, “IT Enabled Course Curriculum”, Proceeding of National Symposium on “Revamping Technical. Education to make it synergistic with information revolution”, Govt. College of Engg., Amravati, pp. 154-160, 4,5 Feb., 2005.
16. Swapnil Kokate, S.S. Sherekar, V.M. Thakare, “Grid Computing For Virtual Organization”, Proceeding of National Conference on “Statistic, Computer & Application”, G.V.I.H., Amravati, pp. 84-89, 28-30 Nov., 05.
17. S.S. Sherekar, V.M. Thakare, “Digital Watermarking : Recent Trends”, Proceeding of National Conference on “Statistic, Computer & Application”, G.V.I.H., Amravati, pp. 134-138, 28-30 Nov., 05.
18. Swapnil Kokate, S.S. Sherekar, V.M. Thakare, “Grid Computing : For Service Oriented Architecture”, Proceeding of National Conference on “ICT in Education & Development”, Bhopal, pp. 266-271, 23<sup>rd</sup> December, 05.
19. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, “Comparative Study of Spatial & DCT Watermarking”, Proceeding of National conference on“Recent trends in information systems & Management”, SATI Vidisha, pp. 298-304, 16-17 Dec. 2006.
20. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, “Efficient Watermarking Scheme Through Genetic Algorithm”, National conference on“Emerging Trends in signal processing & communication”, MAE, Alandi, Pune, pp. 97-100, 27-29 Dec. 2007.
21. S.S. Sherekar, V.M. Thakare, “Dynamic Resource Management in Communication Networks”, National Conf. on“Emerging Trends in signal processing & communication”, MAE, Alandi, Pune, pp. 97-100, 27-29 Dec. 2007.
22. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, “Implications of Digital Watermarking For Internet Security”, Proceeding of National conference on “Advancement in IT & internet security, Sinhgad Technical Education Society, Kondhwa, Pune, pp. 274-281, 4 -5 Jan 2007.
23. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, “Robust Watermarking Technique in Wavelet Domain”, Proceeding of National conference on “Emerging trends in communication and IT” (EPCIT-08), HVPM Engg. , Amravati, pp. 146-150, 19-20 Sept. 2008.
24. V. S. Tondre, S. S. Sherekar V. M. Thakare, “Dynamic Resource Management in Communication Networks”, National Conf. on “Emerging trends in communication and IT” (EPCIT-08), HVPM Engg. , Amravati, 19-20, Sept. 2008.
25. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, “Perceptual Models for Data Hiding within Data”, Proceeding of National conference on Computing, Communication, Electronics& Management” NCCCEM-09, KCES College of Engg. & IT, Jalgaon., pp. 289-292, 20-21 Mar. 2009.
26. V. S. Tondre, S. S. Sherekar V. M. Thakare, R. V. Dharaskar, “QoS:A Mathematical Issue in Dynamic Resource Management”, National conference on Computing, Communication, Electronics& Management” NCCCEM-09, 20-21 Mar 2009, at KCES College of Engg. & IT, Jalgaon.
27. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, “An Embedded Watermark Technique in Audio/Video for Copyright protection”, Proceeding of National Seminar on “Information Technology Enabled Services” ITeS-09, Shri Shivaji Sc. College, Akola, pp. 178-182, 11 Apr 2009.

28. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "HVS Model Based Image & Video Watermarking", Proceeding of National Conf. On Advanced Technologies in Computing and Networking, P.G. Dept. of Comp. Sci. & Tech., HVPM, Amravati, 13-14 Nov., 2009.
29. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Critical Analysis of Basic Digital Watermarking Techniques for Images, International Conference on Emerging Trends in Computer Science, Communication, and International Tech., Jan. 9-11, 2009, Yashwant Mahavidyalaya, Nanded.
30. V. S. Tondre, S. S. Sherekar V. M. Thakare, R. V. Dharaskar, "Scheduling and Routing Methodology for Dynamic Resource Management in Networks", Proceeding of International Conference on Emerging Trends in Computer Science, Communication, and Technology", Nanded, pp. 272-276, Jan. 9-11, 2009.
31. S.S. Sherekar, V.M. Thakare, Sanjeev Jain, "Digital Watermarking With Multiple and Multilevel Approach for Secure Image Authentication", National Conference on Recent Trends in Soft Computing and Networks, 26-27 Mar. 2010, LNCT, Bhopal.
32. V. S. Tondre, S. S. Sherekar V. M. Thakare, R. V. Dharaskar, "Reconfigurable Applications in Dynamic Resource Management for Distributed System", National Seminar on "Information Technology Enabled Services" ITeS-09, 11 Apr 2009 Shri Shivaji Sc. College, Akola.
33. V. S. Tondre, S. S. Sherekar V. M. Thakare, R. V. Dharaskar, "Scheduling and Routing for Dynamic Resource Management in Networks: A Review", National Conf. On Advanced Technologies in Computing and Networking, 13-14 Nov., 2009 P.G. Dept. of Comp. Sci. & Tech., HVPM, Amravati.
34. V.M. Thakare, S.S. Sherekar, "Ethical Robotics: The Solution to the Threat of Ambient Artificial Intelligence", proc. of Science & Technology: Ethical Issues, IWSA, Mumbai, 28-30 Jan. 2011.
35. S.S. Sherekar, V.M. Thakare, "Watermark Detection Techniques for Resolving Rightful Ownerships of Digital Images", National Conf. on Emerging Trends in Computer Science & Information Technology , Gwalior, 14 May 2011.
36. S.V. Shirbhate, Dr. V. M. Thakare, Dr. S. S. Sherekar, "Security Threats in Mobile Ad Hoc Network", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.
37. Sheetal Soneji, Dr. S. S. Sherekar ,Dr. V. M. Thakare, "Node Packet Mining for Location Management in Mobile Computing and wireless Environment", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.
38. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Wireless Approach for 3D Visualization on Mobile Devices", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.
39. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Holistic (PCA)- template Based Face retrieval from Video Sequences", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.
40. S.V. Shirbhate, Dr. V. M. Thakare, Dr. S. S. Sherekar, "Security Threats in Mobile Ad Hoc Network", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.
41. Sheetal Soneji, Dr. S. S. Sherekar ,Dr. V. M. Thakare, "Node Packet Mining for Location Management in Mobile Computing and wireless Environment", Proceedings of National

Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.

42. Ms.U. S.Junghare, Dr. V. M. Thakare, Dr. R. V. Dharaskar, Dr. S. S. Sherekar, "Wireless Approach for 3D Visualization on Mobile Devices", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.
43. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Holistic (PCA)- template Based Face retrieval from Video Sequences", Proceedings of National Conference on Innovations & Trends in Computer and Communication Engg. (ITCCE-12) at MET, Nasik,23-25 Feb 2012.
44. RuchitaLondhe, Dr. V.M.Thakare, Dr.S.S.Sherekar, "Real Time Data Monitoring with Data Visualization on Mobile Devices", S B Jain conf. 17 Feb 2013.
45. S. V. Shirbhate, V. M. Thakare, S. S. Sherekar, "Security in Routing Protocol for Mobile Ad Hoc Network", proceedings published S B Jain conf. 17 Feb 2013.
46. Sheikh, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Face Tracking Techniques using Features based Approach", proceedings published S B Jain conf. 17 Feb 2013.
47. Satish Belsare, Dr. V. M. Thakare, Dr. Mrs. S.S. Sherekar, "Temporal Data Mining for Mobile AgentBehavior", proceedings published S B Jain conf. 17 Feb 2013.
48. Ruchita Londhe, Dr.S.S.Sherekar, Dr. V.M.Thakare, "Approaches of Mobile Computing Based on Data Mining", Proc. of International Conf. on Emerging Trends & Research in Engineering & ",pg no. 712-720, 30-31 Mar 2013.
49. Ruchita Chinchmalatpure, Dr. S. S. Sherekar, Dr. V. M. Thakare, "Approaches of Mobile Computing based on Data Mining", Proc. of International Conf., ICETRET-13, pg 712-720, 30-31 Apr. 2013.

### **30. Scopus Index Publications:**

1. **Early prediction of grape disease attack using a hybrid classifier in association with IoT sensors**, Heliyon, 2024, 10(19), e38093, SCI Index & WoS, Science Direct publication Gawande, A. Sherekar, S., Gawande, R.
2. **Grape dataset: A dataset for disease prediction and classification for machine learning applications through environmental parameters**, Data in Brief, 2024, 54, 110546, Gawande, A., Sherekar, S.
3. **An Approach for Detection of Botnet Based on Machine Learning Classifier**, Springer Nature Computer Science, 2024, 5(3), 300, Scopus index JournalTikekar, P.C., Sherekar, S.S., Kumar, J.
4. An Intelligent Cyber Security System Approach using Machine Learning Techniques on KDD-99 Dataset, IEEE International Conference on Communication, Computing and Signal Processing, IICCCS 2024
5. A Comprehensive Exploration and Evaluation of Supervised Machine Learning Algorithms for Detecting SQL Injection Attack on Web Applications, International Conference on Advances in Computing, Control, and Telecommunication Technologies, pp. 1569–1574 , ACT 2024
6. Discovery of SQL Injection and Depth Review of Deterrence Techniques for Web Applications, International Conference on Advances in Computing, Control, and Telecommunication Technologies, pp. 2492–2497, ACT 2024
7. **Taxonomy of botnet structure** Tikekar, P.C., Sherekar, S.S.Web 3.0: The Next Generation's Internet and Understanding the Concept of the Metaverse, 2024, pp. 160–175

8. **A diligent survey of SQL injection attacks, detection and evaluation of mitigation techniques** Bobade, N.D., Sinha, V.A., Sherekar, S.S. 2024 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2024, 2024
9. **Face recognition system using CNN architecture & its model with its detection technique using machine learning** Chavan, S.R., Sherekar, S. Heterogenous Computational Intelligence in Internet of Things, 2023, pp. 209–224
10. **An Approach for P2P Based Botnet Detection Using Machine Learning** Tikekar, P.C., Sherekar, S.S., Thakre, V.M. Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022, pp. 627–631
11. Factors Related to the Improvement of Face Anti-Spoofing Detection Techniques with CNN Classifier Chavan, S.R., Sherekar, S.S., Thakre, V.M. International Conference on Computational Intelligence and Computing Applications, ICCICA 2021,
12. A brief study on the prediction of crop disease using machine learning approaches Gawande, A.R., Sherekar, S.S. International Conference on Computational Intelligence and Computing Applications, ICCICA 2021
13. Twitter Sentiment Analysis using Natural Language Processing Chaurasia, S., Sherekar, S., Thakare, V. International Conference on Computational Intelligence and Computing Applications, ICCICA 2021
14. Features Representation of Botnet Detection Using Machine Learning Approaches Tikekar, P.C., Sherekar, S.S., Thakre, V.M. International Conference on Computational Intelligence and Computing Applications, ICCICA 2021
15. **Analytical Classification of Sybil Attack Detection Techniques** Koleshwar, A.S., Sherekar, S.S., Thakare, V.M., Kanhe, A. Lecture Notes on Data Engineering and Communications Technologies, 2021, 57, pp. 89–98
16. **Critical Analysis of Botnet Detection Techniques for Web Applications** Tikekar, P.C., Sherekar, S.S., Thakre, V.M. Proceeding - 1st International Conference on Innovative Trends and Advances in Engineering and Technology, ICITAET 2019, 2019, pp. 89–93, 9170246
17. **Traceability Analysis of Face Spoofing Detection Techniques Using Machine Learning** Chavan, S.R., Sherekar, S.S., Thakre, V.M. Proceeding - 1st International Conference on Innovative Trends and Advances in Engineering and Technology, ICITAET 2019, 2019, pp. 84–88, 9170212
18. **Critical Analysis of Performance Optimization of Mobile Web Services in Cloud Environment** Dudhe, A., Sherekar, S.S., Thakare, V.M. Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018, 2018, pp. 355–360, 8724034
19. **Advanced query processing and its optimization for mobile computing environment** Chendke, A.P., Sherekar, S.S., Thakare, V.M. Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018, 2018, pp. 313–318
20. **Detection of SQL injection attacks by removing the parameter values of SQL query** Katole, R.A., Sherekar, S.S., Thakare, V.M. Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018, 2018, pp. 736–741
21. **A novel framework of dynamic learning based intrusion detection approach in MANET** Shirbhate, S.V., Sherekar, S.S., Thakare, V.M. Proceedings - 1st International Conference on Computing, Communication, Control and Automation, ICCUBEA 2015, 2015, pp. 209–213, 715583
22. **Performance evaluation of PCA filter in clustered based intrusion detection system** Shirbhate, S.V., Sherekar, S.S., Thakare, V.M. Proceedings - International Conference on Electronic Systems, Signal Processing, and Computing Technologies, ICESC 2014, 2014, pp. 217–221, 6745376
23. **Advances in face detection techniques in video** Sheikh, Z.G., Thakare, V.M., Sherekar, S.S. Proceedings of 2012 2nd IEEE International Conference on Parallel, Distributed and Grid Computing, PDGC 2012, 2012, pp. 278–283, 6449832

24. **Critical review of perceptual models for data authentication** Sherekar, S.S., Thakare, V.M., Jain, S. 2009 2nd International Conference on Emerging Trends in Engineering and Technology, ICETET 2009, 2009, pp. 323–329, 5395011

### 31. Remarkable work

- Presently working as Director & Head Incubation Centre, SGBAU, Amravati
- Worked as Director, Innovation Incubation & Linkages, SGBAU, Amravati (2021-2024)
- Worked as Head Department of Mathematics, SGBAU, Amravati (2022-24)
- Worked as Head Department of Statistics, SGBAU, Amravati (2022-24)
- Chairman & Member of NAAC PEER Team
- Member of State Level Quality Assurance Cell (SLQAC), Higher and Technical Education Govt. of Maharashtra
- Project sanctioned under DST i-TBI of worth Rs. 5.00 Cr.
- Startup India Seed Fund (SISF) (Govt. of India) 2.5 Cr.
- Conferred IETE 2023- Brig M. L. Anand Award (National Level)
- All India level trainers for “Capacity Building Program for Women Working in Higher Education” of UGC.
- **Major Research Project (MRP)** has been completed and submitted to AICTE under RPS of Rs.12.35 Lacs
- Chairman BoS Computer Science, SGBAU, Amravati
- Member of RRC Computer Science SGBAU, Amravati
- **Patent Filed and Published (08) :**
- **Eight copyrights granted (08)**
- **E- content developed for Computer Science**
- Reviewer of different international journals and conferences
- Contributed **Book Chapters** in Worldwide reputed publications: Springer Nature and CRC Press Taylor and Francis
- Invited for **Key Note Address, Invited talks** /Resource person for National/International Conferences
- **Session chair** and co-chairperson for National/International Conferences
- As per New University Act 2016, Member of Board of Information Technology, chaired by Hon'ble V. C., 49(3)(f), SGB Amravati University, Amravati
- Member. BOS of Computer Science Engg., Faculty of Science & Technology, SGB Amravati University, Amravati
- Member. BOS of Computer Science, Faculty of Science & Technology, SGB Amravati University, Amravati
- Member, Academic council. Govt. college of Engg., Amravati
- DRC member of other universities
- Academic council member of SGB Amravati University, Amravati
- Senate member of SGB Amravati University, Amravati
- Academic council member of Central University Jammu.
- BOS Member of SIES college, Mumbai
- Research Recognition Committee RRC (DRC) of SMVD University, Jammu
- Coordinator, NSD- 2020 (National Science Day – 2020)
- Coordinator, Capacity Building Program for women at National Level 2014, 2018,2019,2020
- Convener, one Day workshop for Awareness of Educational Reforms, “Swayam-Sidhha”

and Swayam Prabha" for Women working in Higher Education

- Syllabus Restructuring and Designing for MCA & PGDCS,BE, MPhil, ME, Career Oriented Programs, B.Voc programs
- SET exam Observer, Maharashtra State
- Selection committee member of SGB Amravati University and other universities as Solapur University , Nagpur university, IITDM & other institutes
- Member, Board of Research, PAHSU, Solapur University, Solapur
- Member, RRC, PAHSU, Solapur University, Solapur
- Member, RRC, In Computer Science, MGM University, Aurangabad
- Member, RRC, In Information Technology, MGM University, Aurangabad
- Member, Board of Innovation, Incubation, Startups, PAHSUS, Solapur University
- Selection Committee member at IIITD & M, Jabalpur
- Selection Committee member at Solapur University & other institutes
- Member, RAC, In Computer Science, Central University Jammu
- Member of Board of Information Technology (BIT), PAHSUS, Solapur University
- Coordinator of Skill development Programs under 1. Life Coping skills 2. Academic Development skill Centre, ICT skills
- Activities rendered for **Women to enhance their capabilities**
- Activities for **Safety and Security of Women** through ICT Tools & Techniques
- Activities rendered under IETE Amravati Centre of IETE, New Delhi, as a Fellow Member and Executive Council Member
- Coordinator, NMD- 2022 (National Mathematics Day – 2022)
- Mission 10x certified
- Dale Carnegie certified
- Warden Girls Hostel of University campus since 2014-2021
- Created Facilities via the Fitness Centre / Gym, Vending Machines, other facilities at Girls Hostel
- Created the facility of e-learning Platform for SGB Amravati University and taken initiative for e-content development
- Lot of initiatives taken for Development of Incubation centre of university
- Shortlisted for post of **Vice-Chancellor** of SNDT, Mumbai
- Shortlisted for post of **Pro Vice-Chancellor** of PAH Solapur University, Solapur

I hereby declared that the above information is correct with the best of my knowledge.

Date : 19.01.2026



**Prof. (Dr.) Mrs. Swati S. Sherekar**  
**Professor**  
Department of Computer Science  
&  
Director & Head Incubation Centre  
SGBAU Research and Incubation Foundation  
SGB Amravati University, Amravati. Maharashtra, India