- **Name** : Ms. LOMTE VINA M.
- **Designation** : Asst. Prof. & Head
- **E-mail ID** :comphod.rmdssoe@sinhgad.edu
- **Qualifications** :ME(Comp), PhD*
- **Total Experience** : 15 + Yrs.
- **Subject Taught** : SDMT /PCD/DSP/SE/SPOS/DBMS/STQA/CO/PPS
- **Research Paper Published** :

1. "A Novel Approach for TCP for Regression Testing In Web Application" in International Journal of Electrical and Computer Engineering (IJECE)(Scopus Indexed)

2. "Collaborative Recommender Systems using User-item's Multiclass Co-clustering" in Indian Journal of Science and Technology

2. "Web Security: A Need of an Hour" in the International Journal "International Research Symposium on Management, Technology & Engineering".

3. "A Practical Approach Towards NexGen Secured Application" in the International Journal "Business, Engineering & Industrial Application" (ICBEIA-2011)(ISBN-978-81-921739-4-8).

3. "Robust Barcode Reorganization using Template Matching" in online journal "International Journal of Engineering & Science & Advanced Technology" (IJAESAT). ISSN-2231 – 6604) Volume 2, Issue 2, June 2012

4. "E-Tracking System: A need for a Hour" in online journal "International Journal of Engineering, Research Application" (IJERA).

5." A Secure Web Application: E-Tracking System" in the International Journal of UbiComp (IJU).(ISSN 0976-2213)- Vol. 03 No-4, October 2012.

6."Survey on Keyed IDS and Key Recovery Attacks" in International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064.

7. "A Survey on Attribute Based Encryption to Improve Efficiency in Semantic Search Over Cloud Data", in International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064.

8. "The Survey Paper on ASP2P: An Advanced Botnet Based on Social Networks over Hybrid P2P", in International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064.

9. "Survey on Content Prefetching for Mobile User from Cloud with less Energy Conserving Transmission Protocol", International Journal of Science and Research (IJSR), Volume 5 Issue 1 January 2016 ISSN (Online): 2319-7064

10. "Energy Efficient Intelligent Street Lighting System " in Internationl Research Journal of Engineering and Technology vol 4 issue 12 ISBN No. 2395-2256

11. "Energy Efficient Smart Street Light System", International Journal of Computer Sciences and Engineering, Vol 6 Issue 5,ISBN : 2347-2693

12. "A two Stage Learning Method for Fault Detection of Machines Using Mechanical Big Data", International Journal of Computer Sciences and Engineering, Vol 6 Issue 5, ISBN: 2347-2693

13." Survey on asecure anti collusion data sharing scheme for dynamic groups in the cloud", International Journal of Innovative Research in Science Engineering and Technology, Vol 6 Issue 12, 2319-8753 2319-6710

14. "Approach to Remote Sensing Application using Cloud Computing", International Journal of Innovative Research in Computer And Communication Engg., Vol 6 Issue 2, 2320-9801 2320-9798

15. "An efficient anti collusion data sharing, mechanism for data confidentiality for dynamic groups", International Journal of Engineering Science and Computing, vol 8 issue 6, 2321-3361

16. "Binaural Beats and Background Music For Increased Focus and Relaxation", Vol-3 Issue-3 2017, ISSN (O)-2395-4396

17." A Novel Approach for TCP for Regression Testing In Web Application ", Volume-5, Issue-7 , Page no. 120-124, Jul-2017,18. "A Survey on Automatically Mining Facets for Web Queries", December 2017, International Journal of Electrical and Computer Engineering 7(6):3700-3704DOI: 10.11591/ijece.v7i6.pp3700-3704

18."Survey on Searchable Public-key Cipher Texts for Privacy Preserving Keyword Search" , IJCA Proceedings on National Conference on Advancements in Computer & Information Technology

19."Online Semi-Supervised Learning Using Max-Flow Algorithm", Sixth Post Graduate Conference for Computer Engineering (cPGCON 2017) Procedia International Journal on Emerging Trends in Technology (IJETT) JETT | ISSN: 2455-0124(E) | 2350-0808 (P) | (IF: 0.456) | Volume 4 | Special Issue July - 2017 | 8320

20. Survey on A Secure Anti-Collusion Data Sharing Scheme for Dynamic Groups in the Cloud", International Journal of Innovative Research in Science, Engineering and Technology Vol. 6, Issue 12, December 2017

- **Paper Presented in International /National Conference :**

1. Paper presented under title "Nextgeneration Snort: Hybrid Intrusion Detection & Prevention System" in National conference on Advances in Engineering & Management.(ISBN – 978-81-920427-0-1)

2. Paper presented under title "MOBILE IP" in National Level IEEE Paper Presentation in Accolade-2011 organized by MIT, Pune.

3. Paper presented under title "Heliodisplay: A Free Magic" in National conference on" Two Decades of Globalization – Lesson for India"(ISSN-2250-3005)

4. Paper presented under title "DSITR LAN CONTROLLER SYSTEM" in National journal on ITICT-2011.

5. "Survey on binaural beats and background music for increased focus and relaxation" in IEEE's International Conference on Emerging Trends & Innovation in ICT

6. "HybIDPS for NextGen- SNORT" in International conference on Recent trends in Business, Management & IT.(ISBN- 978-81-920045-3-2)

7. "HybIDPS for NextGen- SNORT" in International conference on Recent trends in Business, Management & IT.(ISBN- 978-81-920045-3-2)

8. "KCMS Workflow & Search Engine" in International conference on Recent Trends in Information Technology & Computer Science(ICRTITCS-2011).

9. "Practical Approach on Web Secured Application" in International Conference "RTBMIT"

- **Working as Reviewer:**

 1. Global Research and Development Journals

2. International Journal of Engineering Research & Technology (IJERTREW1999)   ISSN - 2278-0181

3. International Journal of Computer Sciences and Engineering -ISSN: 2347-2693 (E)

4. Open Access International Journal of Science & Engineering ISSN 2456-3293 (OAIJSE)

- **Awards/ Achievements :**
  ACM Best Work in Progress Paper Award for "Profile Privacy and Communication Security in Social Network" at CPGCON-16 PCCOE, Nigdi, Pune.

- **Patents & Copyrights: (10)**

1. Optimal Path Allocation & Traffic Signal Control System for Emergency Vehicles - Patent Filed TEMP/E1/5359/2017 MUM
2. Dual Printer System - Patent Filed docket No 18509
3. Virtual Keyboard Based Wireless Portable Projector System - 201721039365 TEMP/E-1/40109/2017-MUM
4. Integrated Fog Cloud IoT Based Ambient Environmental Quality Monitoring System - 201721039369 TEMP/E-1/40110/2017-MUM
5. A System For Currency Exchange And Coin Dispenser With Fake Note Detection – TEMP/E-1/40139/2017-MUM
6. Intelligent Automated System For Public Services - Copyright Filed 8579/2017CO/A
7. Sinhgad Assist - Copyright Filed 8446/2017-CO/A
8. Assisting For Currency Exchange & Coin Dispenser With Fake Note Detection – Temp/E1/40139/2017-MUM Filed Docket no 38909
9. Integrated Fog Cloud IoT based Ambient Environmental Quality Monitoring System – 201721039369TEMP/E-1/40110/2017-MUM Patent filed docket No – 38911
10. Virtual Keyboard based Wireless Portable Projector System - 201721039365TEMP/E-1/40109/2017-MUM Patent filed docket No : 38904

- **Seminar, Conference, Workshop Attended :**
    1. AICTE Approved FDP on Image Processing at COEP in Dec-17.
    2. Faculty Development Program at VIP , Pune by Accenture on 16/12/2016
    3. Workshop on BE Syllabus Revision 2015 pattern at Anantrao Pawar College of Engg. On 30/01/2018

- **Books Published :**
    1. Title of Book   : Operating System & Admistration
        - Authors   : Vina M Lomte
        - Publication   :Success Publication
        - ISBN   :978-93-5158-361-5
        - Year of Publication   :2016

    2. Title of Book   : Microprocessor
        - Authors   : Vina M Lomte
        - Publication   :Nirali Publication
        - ISBN   :938635318-0
        - Year of Publication   :2017

    3. Title of Book   : Mobile Computing
        - Authors   : Vina M Lomte
        - Publication   : Success Publication
        - ISBN   :978-93-85526-02-2
        - Year of Publication   :2016

- **Professional Bodies Memberships :**
    1. IAENG International Association of engineering
    2. International Society for Research & development