Dr. Nilakshi Jain

(Certified Ethical Hacker – CEH (EC-Council USA)

Associate Professor (IT Department)

Research Coordinator (Research Cell SAKEC)

Shah and Anchor Kutchhi Engineering College , Chembur Mumbai.

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  nilakshi.jain@sakec.ac.in

EDUCATION

- Doctor of Philosophy (Ph.D.) in Computer Engineering
  - Specialization : Digital Forensic
- Topic : Digital Forensic Tool and Model: A Comparative Approach
- Guide : Dr. Dhananjay R Kalbande
  - Institute : Pacific Institute of Technology (PIT)
  - University : Pacific Academy of Higher Education & Research
  - Awarded date : July 2016
- Master of Technology (M. Tech.) in Computer Engineering
  - Major : Computer Engineering
  - Institute : Pacific Institute of Technology (PIT)
  - University : Pacific Academy of Higher Education & Research
  - Post Graduation : December 2012
  - Grade/ Marks : 79.59% (Honours)
- Bachelor of Engineering (B.E.) in Computer Engineering
  - Major : Computer Engineering
  - Institute : Geetanjali Institute of Technical Studies (GITS)
  - University : Mohan Lal Sukhadia University
  - Graduation : June 2008

Grade/ Marks   : 78.62% (Honours)

TEACHING EXPERIENCE

Total Teaching Experience 11 Years.

● Working in Shah and Anchor Kutchhi Engineering College , Chembur Mumbai. from 15th February 2010 to till date.

● Worked in Geetanjali Institute Of Technology, Udaipur Rajasthan as lecturer from 17th August 2009 to 04th February 2010

● Worked in Cambridge Classes Pvt Ltd. Udaipur Rajasthan as lecturer from 1st July 2008 to 31st July 2009.

AWARDS

● Awarded as **"Best Employee of the Year"** by Shah and anchor Kutchhi Engineering college for Academic Year 2018-19 on 29th February 2020.

● Awarded as **"Best Faculty of the year"** under sub category Best Faculty - Evangelizing and Contributing to Spread of knowledge across several institutions at the CSI TechNext India 2019 - Awards to Academia on 28th September 2019

● Awarded as **"Best Faculty of the year"** under sub category Best Faculty - Contemporary Subjects/Courses at the CSI TechNext India 2019 - Awards to Academia on 28th September 2019

● Received **Samaj Gaurav Alankar Samman** in January 2018 by Jain Yuva Parishad , Udaipur.

● Received **Excellent Student Feedback** for Even Semester of Academic Year 2018-19

● Received **Excellent Student Feedback** for Odd Semester of Academic Year 2018-19

● Received **Excellent Student Feedback** for Even Semester of Academic Year 2017-18

● Received **Excellent Student Feedback** for Odd Semester of Academic Year 2016-17

● Received **Excellent Student Feedback** for Even Semester of Academic Year 2015-16

● Received **Excellent Student Feedback** for Odd Semester of Academic Year 2015-16

RESEARCH GRANT

● Received Mumbai University Minor Research Grant 2018-19 as Co PI of total Rs. 30, 000 for project " Solution for Digital Forensic Capability Identification".

● Received Project Development Grant as Research Coordinator of Total Rs.60,000 form Roti Bank Mumbai in year 2018-19.

BOOK PUBLISHED

● **Book Title "Digital Forensic: The Fascinating World of Digital Evidences", Wiley Publication India. ISBN 13 : 9788126565740 , ISBN 10 : 8126565748. 2017 January (https://www.wileyindia.com/digital-forensic-the-fascinating-world-of-digital-evidences.html)**

1. Government College of Engineering, Second Year (Sem – IV) M. C. A. MC 1413 : Elective-I Digital Forensics as Text book

2. Nirma University Institute of Technology, School of Technology MTech Computer Science and Engineering (Information and Network Security) Semester – II as Text book

3. Book has been refer as Text Book B.S. Abdur Rahman University , Chennai Tamilnadu B.S. Abdur Rahman University Crescent Institute of Science & Technology BCA (Mobile Applications and Information Security) in Sem 5 with course code CAC3101 Course name : Computer Forensics And Investigations (Rev 2016)

4. Book has been added as text book in University of Mumbai, B. E. (Information Technology), Rev 2016 ,Sem 6 course code ITDLO6023 ,Course name Digital forensic

5. Book has been added as text book in University of Mumbai, B. E. (Computer Engineering), Rev 2016 ,Sem 7 course code CSDLO7031 ,Course name Advanced System Security and Digital Forensics.

6. Book has been added as text book in Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology (Autonomous Institute Affiliated to University of Mumbai)Master of Technology (M.Tech.) in Electronics & Telecommunication Engineering (Program Code: PET), First Year Master of Technology Academic Year 2018 -19,Sem 2 course code ET921 ,Course name Digital forensic

7. Book has been added as text book in St.Teresa's College (Autonomous) Ernakulam (Affiliated to Mahatma Gandhi University, Kottayam) Bachelor in Computer Applications – Cloud Technology and Information Security , Rev 2018 ,Sem 5 course code BCA5B19B18 ,Course name Computer Forensics And Investigation

8. Book has been added as reference book Faculty of Engineering Savitribai Phule Pune University, Pune Maharashtra, India ,Fourth Year of Computer Engineering 2018 course code 410251 ,Course name : Information and Cyber Security

9. Book has been added as reference book Integral University Lucknow Study & Evaluation , B. Tech. (CSE) Cloud Technology and Information Security, Sem 7 Course Code CS 461 Course Name : Cyber Forensics & Investigation

10. Book has been added as Text Book in Indian Institute of Technology (IIT) Bhubaneswar School of Electrical Sciences Curriculum and Syllabus for M.Tech (Computer Science and Engineering) ,Sem 1 ,Course Code: CS6L010 Course name Digital Forensics.

11. Book has been added as Text Book in Bachelor of Computer Application (BCA) With Specialization in Cloud Technology and Information Security (CTIS) Teerthanker Mahaveer University for Computer Forensics and Investigation subject Course Code : ICI504.

12. Book has been added as Text Book in Birla Institute Of Technology Mesra Ranchi, India, Deemed University Choice Based Curriculum Computer Science and Engineering P.G Programme (M. Tech in Information Security) Course code: IT515 Course name Digital Forensics.

- **Book Title "Digital Forensic",   Mumbai university Wiley Publication India ISBN: 9788126578399, Jan 2019.**
  https://www.wileyindia.com/digital-forensic-for-mumbai-university.html

- **Book Title "Artificial Intelligence : Making a System Intelligent"(PAN INDIA) , under Wiley Publication India. ISBN: 978-81-265-7994-5 ISBN: 978-81-265-8859-6 (ebk) July 2019 (AICTE Syllabus)**

  a. Book has been refer as First Text Book National Institute of Technology (NIT) in Sem 7 with course code CSX463, Course Name : Artificial Intelligence Fundamental (Rev 2019)
  b. Book has been reviewed in Jul-Sep 2019 issue of the IEEE India Council Newsletter

BOOK REVIEWED

- Worked as Editor for the book "Quantum Cryptography and the Future of Cyber Security," IGI Global , eEditorial Discovery, scheduled for release in 2020.

CONDUCTED WEBINAR

- Conducted Webinar on 19th March 2020- Topic : "Game Playing Technique with AI"

Youtube Link : https://www.youtube.com/watch?v=2fIo1WH5bcg&feature=youtu.be

Facebook Link : https://www.facebook.com/WileyIndia/videos/1391976590974085/

- Conducted Webinar on 27th September 2019 - Topic : Intelligent Forensics The Way Ahead

Youtube Link : https://www.youtube.com/watch?v=WjhHerWTBVE

Facebook Link :

https://m.facebook.com/story.php?story_fbid=2096655367309052&id=110796505666 515)

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ARTICLES/ BLOG

- Title : Cyber Hack: Extremely Hazardous Threat of Digital World on **4th February 2020**

  Published   Link

  https://www.wileyindia.com/blog/post/cyber-hack-extremely-hazardous-threat-of -digital-world

- Title: AI isn't the Rise of the Machines, It's the Machinification of Humans on **4th February 2020**

Link :
https://www.wileyindia.com/blog/post/ai-isn-t-the-rise-of-the-machines-it-s-the-machinification-of-humans

AREAS OF INTEREST

- Digital Forensic
- Human Computer Interaction
- Artificial Intelligence

CERTIFICATION

- Certification done in **Star Cyber Secure User –R11** though Star Certification (International) Date 14-03-2020 Expiry Date : 14-03-2023 **Certification Number** STR20SCU00146620
- Certification done in **Ethical Hacking & IT Security from Maharashtra Self Employment Training Board** (Board Of Implementation Self Employment Schemes of Government of Maharashtra) Registration No MH/86668/8678/S (Sr. No 6370) September 2017.
- **Certified Ethical Hacker – CEH (EC-Council USA)** Date 25th November 2017 , **Certification Number – ECC83240566730**.
- Certification from **Asian School of Cyber law "Cyber Crime Certification Program", 09th September 2013.**

PUBLICATIONS

2019

1. Dr. Nilakshi Jain, Patel Reeva ,Dhuri Siddhesh,Gada Preet,Shah Pratik "Digital Forensics Capability Analyzer: A tool to check forensic capability " published in IEEE Technically Co-Sponsored 3rd Biennial International Conference on Nascent Technologies in Engineering January 04-05, 2019 . https://ieeexplore.ieee.org/document/8945960 **(Scopus)**

2018

2. Dr. Nilakshi Jain, Taha Bohari, Nir Jakharia, Ketan Desai, Rushikesh Parab "PLACEMATE - SAKEC PORTAL" published in International Research Journal of Engineering and Technology (IRJET). Volume: 05 Issue: 04 | Apr-2018. https://irjet.net/archives/V5/i4/IRJET-V5I4432.pdf

2017

3. Dr. Nilakshi Jain, Aniket Pathak,Ratan Boddu,Harsh Bhanushali,Amol Kadam "Diet system using modified RETE algorithm" published in International Journal of Advance Research, Ideas and Innovations in Technology. April 2017 Volume 4, Issue 2. https://www.ijariit.com/manuscript/diet-system-using-modified-rete-algorithm/

4. Dr. Nilakshi Jain ,Siddharth Agarwal ,Gaurav Joshi ,Rahul Gupta ,Aditya Kataria "Crime File System" published in International Journal of Advance Research, Ideas and Innovations in Technology. (Volume3, Issue1) ISSN: 2454-132X April 2017. Impact factor: 4.295. https://www.ijariit.com/manuscripts/v3i1/V3I1-1378.pdf?872128&872128.

5. Dr. Nilakshi Jain Neha Bhanushali Sayali Gawade Gauri Jawale "Physical and Cyber Crime Detection using Digital Forensic Approach: A Complete Digital Forensic Tool" published in International Journal of Advance Research, Ideas and Innovations in Technology. (Volume3, Issue1) ISSN: 2454-132X Impact factor: 4.295 April 2017 Page no 834-841. URL https://www.ijariit.com/manuscript/physical-cyber-crime-detection-using-digital-for ensic-approach-complete-digital-forensic-tool/

6. Dr. Nilakshi Jain Siddharth Agarwal ,Gaurav Joshi ,Rahul Gupta ,Aditya Kataria "Crime File System" published in International Journal of Advance Research, Ideas and Innovations in Technology. April 2017(Volume3, Issue1) ISSN: 2454-132X Impact factor: 4.295Page 887-993 . URL https://www.ijariit.com/?s=nilakshi&submit=

2016

7. Nilakshi Jain , Dhananjay R Kalbande ,"Computerized Forensic Approach Using Data Mining Techniques",accepted and presented in Symposium ACM Women in

Research (ACM-WIR 2016) Indore 21 March 2016 Pages 55-60. URL http://dl.acm.org/citation.cfm?id=2909076 **(Scopus)**

8. Nilakshi Jain , Dhananjay R Kalbande ,"System Attribute Measures of Network Security Analyzer", accepted and presented in Symposium ACM Women in Research (ACM-WIR 2016) Indore 21 March 2016. URL http://dl.acm.org/citation.cfm?id=2909099&CFID=984852320&CFTOKEN=79699 330 **(Scopus)**

9. Nilakshi Jain , Dhananjay R Kalbande ,"Empirical relationship between Victim's occupation and their knowledge of Digital Forensic", accepted and presented in Symposium ACM Women in Research (ACM-WIR 2016) Indore 21 March 2016. URLhttp://dl.acm.org/citation.cfm?id=2909077&CFID=984852320&CFTOKEN=7 9699330 **(Scopus)**

10. Nilakshi Jain , Deep Chitroda, Himanshu Nagda, Shashank Shivaramkrishna , Kshitij Jain,"Study on Tournament Management System", published in International Journal of Trend in Research and Development (IJTRD),ISSN:2394-9333, Volume-2 | Issue-5, Jan 2016 URL: http://www.ijtrd.com/papers/IJTRD160.pdf.

2015

11. Nilakshi Jain , Dhananjay R Kalbande "Network Security Analyzer: Detection and Prevention of Web Attacks", published in International Conference on Information and Communication Technology for Intelligent Systems 2015 Springer (ICTIS), 28-29 November 2015. Volume 50 of the series Smart Innovation, Systems and Technologies pp 497-505.URL : https://link.springer.com/chapter/10.1007/978-3-319-30933-0_50 **(Scopus)**

12. Nilakshi Jain , Dhananjay R Kalbande "Computer Forensic Tool using History and Feedback Approach", published in 2015 4th International Conference on Reliability, Infocom Technologies and Optimization (IEEE- ICRITO 2015) Amity University Delhi (Noida) 2-4 September 2015. DOI 10.1109/ICRITO.2015.7359315 Pages 1-5 Print ISBN: 978-1-4673-7230-5. URL http://ieeexplore.ieee.org/document/7359315/?reload=true **(Scopus)**

13. Nilakshi Jain , Dhananjay R Kalbande "Digital Forensic Framework using Feedback and Case History Keeper" published in International Conference on Communication, Information & Computing Technology (IEEE- ICCICT 2015) SPIT Mumbai 16-17 Jan 2015. Print ISBN: 978-1-4799-5521-3 DOI:

10.1109/ICCICT.2015.7045670 INSPEC Accession Number: 14933383 Pages 1-6. URL http://ieeexplore.ieee.org/document/7045670/ **(Scopus)**

14. Nilakshi Jain , Dhananjay R Kalbande "A Comparative Study Based Digital Forensic Tool : Complete Automated Tool "published in The International Journal of Forensic Computer Science– IJoFCS (Free Journal) Accepted on 21 August 2015 Volume 9, Number 1, pages 15-22, DOI: 10.5769/J201401003 or http://dx.doi.org/10.5769/J201401003

15. Dhwaniket Ramesh Kamble , Nilakshi Jain , Swati Deshpande "Network Forensic using DFAI system", published in International Journal of Application or Innovation in Engineering & Management (IJAIEM) (Free Journal) ISSN 2319 – 4847, Volume 4, Issue 6, June 2015 .URL http://ijaiem.org/pabstract_Share.php?pid=IJAIEM-2015-06-05-6

16. Dhwaniket Ramesh Kamble , Nilakshi Jain, Swati Deshpande, "Comparison of Digital Forensic tools used in DFAI system", published in International Journal of Innovative and Emerging Research in Engineering e-ISSN: 2394 – 3343 p-ISSN: 2394 – 5494, Volume 2, Issue 6, June 2015. URL http://ijiere.com/FinalPaper/FinalPaperComparison%20of%20Digital%20Forensic% 20tools%20used%20in%20DFAI%20system170414.pdf

17. Nilakshi Jain , Dhananjay R Kalbande "Digital Forensic Tool : Comparative Approach "published in International Journal of Advance Research In Science And Engineering (IJARSE 2015) ISSN-2319-8354(E) Vol. No.4, Issue No.02, February 2015 .

18. Nilesh V.K. Nerkar,Kuldeep Sodha,Dhruvin Mehta,Nilakshi Jain,Chetan Barot "Information Management System for Faculty and Students" published in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC 2015) ISSN: 2321-8169. Volume: 3 Issue: 2 February 2015 Volume: 3 Issue: 2 February 2015 . URL http://www.ijritcc.org/download/1424501603.pdf

19. Vipul Rao,Nilakshi Jain,Prashant Rana,Prathamesh Mahagaonkar,Vishal Hanchate "Game Development using Panda 3D Game Engine "published in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC 2015) ISSN: 2321-8169 Volume: 3 Issue: 2 February 2015 .URL :

http://www.academia.edu/19936947/Game_Development_using_Panda_3D_Game_Engine

20. Nilakshi Jain ,Shwetambari Pawar "Firewall Attacks & Counter measures", published in International Journal of Trend in Research and Development (IJTRD),ISSN:2394-9333, Volume-2 | Issue-5 October 2015.URL : http://dl.acm.org/citation.cfm?id=2909099

21. Dhwaniket Ramesh Kamble, Nilakshi Jain, Swati Deshpande "Cybercrimes Solutions using Digital Forensic Tools", published in International Journal of Wireless and Microwave Technologies (IJWMT) ISSN: 2076-1449(Print), ISSN: 2076-9539(Online), IJWMT, vol.5, no.6, pp.11-18, 2015.DOI: 10.5815/ijwmt.2015.06.02. URL http://www.mecs-press.org/ijwmt/ijwmt-v5-n6/IJWMT-V5-N6-2.pdf.

2013

22. Nilakshi Jain , Dhananjay R Kalbande "Comparative Digital Forensic Model "published in International Journal of Innovative research in science , engineering and URL https://www.ijirset.com/upload/august/6_COMPARATIVE.pdf

23. Nilakshi Jain ,"Digital Forensic Models: A Complete Literature Review" published in International Journal of Scientific Research & Development (IJSRD 2013) ISSN: 2320-7477 Vol-01, Iss-01, Mar-2013

2012

24. Nilakshi Jain ,"Digital Forensic Analysis Tools and Cases" published in International Conference on Recent Trends of computer Technology in Academia (ICRTCA 2012) Udaipur . 22-23 April 2012.

25. Nilakshi Jain ,"The Complete Study of Mobile Banking with MPESA" published in Concept International Conference on Recent Trends of computer Technology in Academia (ICRTCA 2012) Udaipur . 22-23 April 2012.

26. Nilakshi Jain ,"A prototype for achieving true investigation result with expected knowledge level of cyber criminals", published in International Conference on Recent Trends of computer Technology in Academia (ICRTCA 2012) Udaipur . 22-23 April 2012.

PROFESSIONAL RESPONSBILITIES

- Working as SAKEC- IQAC Coordinator
- Working as SAKEC National Cyber Defense Resource Center Coordinator
- Working as Research coordinator for Research Cells from March 2018 in SAKEC.
- Worked as President SAKEC Institute Innovation Council 1.0 MHRD .
- Worked as coordinator for E-cell and Industry Institute Cell from July 2017 to October 2018 in SAKEC.
- Worked as Placement Coordinator from June 2010 to March 2018 in SAKEC.

STEERING COMMITTEE MEMBER

13th Annual International Conference on Global Security, Safety and Sustainability, ICGS3-20 from 8-10 September 2020 Northumbria University London, 110 Middlesex Street, London

TECHNICAL PROGRAM COMMITTEE MEMBER

- International Conference on Computing Science, Communication and Security (COMS2) being organised by Ganpat University, Mehsana, Gujarat, India during 26th to 27th March 2020 and Doctoral Colloquium on 28th March 2020.

NATIONAL ADVISORY COMMITTEE MEMBER

- Organizing Committee Member of International Conference on Recent Trends in Automation (ICRTA-2018) on 01st –2nd Nov, 2018 at Vasireddy Venkatadri Institute of Technology (VVIT)
Guntur, Andhra Pradesh in association with Institute for Engineering Research and Publications (IFERP).
- The International Conference on Technological Innovations in Engineering Management (ICTIEM-2017) to be held at Deogiri Institute of Engineering and Management, Aurangabad during 8th and 9th of December 2017.

EDITORIAL BOARD MEMBER

- Editorial Board Member of Journal of Internet of Things and Information Technology.(12th October 2018)

- Editorial Board Member of Journal of Research in Computer Science and Engineering (25th September 2018)
- Editorial Board Member International conference on Data Science and Analytics (IEEE Conference- Pune 2018) from 5th June 2018.
- Editorial Board Member of Journal of Networking, Computer Security and Engineering.(14th September 2017)
- Editorial Board Member of Journal of Software Engineering & Software testing.(14th September 2017)
- Editorial Board Member of Journal of Computer ,Internet & Network security .(14th September 2017)
- Editorial Board Member of Journal of Information Technology and its application.(14th September 2017)

CHAIR MEMBER

- Track chair in "International Conference on Artificial Intelligence and Robotics (ICAIR-2019)" Organized by Institute For Engineering Research and Publication on 23rd - 24th August 2019 at Mumbai, India
- Track chair in 5th Somaiya International Conference on Technology and Information Management held on January 12, 2019, Saturday organized by K J Somaiya Institute of Management Studies and Research.
- "International Conference on Startup Ventures: Technology Developments and Future Strategies" 8th and 9th of October 2018 organized by Manipal University, Jaipur in association with Institute for Engineering Research and Publication (IFERP) and Springer Nature.

PAPER REVIEWD IN JOURNALS / CONFERENCES

- Worked as paper reviewer in First International Conference on Automation, Computing and Communication (ICACC-2020) organized by RAIT Mumbai

- Worked as paper reviewer in International Conference on Recent Advances in Computational Techniques: IC-RACT 2020 31st March, 2020, Elsevier Conference organized by Amity University

- Worked as paper reviewer in 3rd International Conference on Advances in Science and Technology ICAST – 2020 On APRIL 8 - 9, 2020 in Association with University

of Mumbai and The IET, Mumbai Local Network Venue : K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY Sion, Mumbai – 400022

- Worked as paper reviewer in 'International Conference on Computing Science, Communication and Security (COMS2) held in Ganpat University, Mehsana, Gujarat during 26th to 28th March 2020 (Springer Conference)

- Reviewer in Inderscience International Journal of Electronic Security and Digital Forensics **(Scopus)** (16th October 2019)
- Reviewer in International Journal of Cyber-Security and Digital Forensics (IJCSDF) **Free journal** (5th September 2019)

- Worked as paper reviewer in 3rd Biennial International Conference on Nascent Technologies in Engineering organised by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, (India) in its premises in association with IEEE on January 4-5, 2019

- Reviewer in Journal of Integrated OMICS(4th March 2018)

- Worked as paper reviewer in The 1st International Conference on Data, Engineering and Applications 2017 (IDEA-2k17) Springer Conference Bhopal 28-29 October 2017.

- Worked as paper reviewer in 4th national conference on "Advances in Technology & Management (NCATM-2017)" Conference organized by A C Patil College of Engineering ,Navi Mumbai March 23-24 ,2017.

- Worked as paper reviewer in Technical paper contest(BUZZPRO'17) organized by Computer Engineering department on the technology day 20th March 2017 in VESIT, Chembur.

PROJECT GUIDED

Research Project Mentored:

- SAKEC Research Cell Website (http://shahandanchor.com/research/)
- SAKEC Global Immersion Website (http://www.shahandanchor.com/global_immersion/)

- SAKEC Institution Innovation Council Website (http://shahandanchor.com/iic/)
- Roti Bank App (Launched on 2nd Feb 2019 delivered to Roti bank Mumbai)
- Roti Bank Test before Taste (Launched on 2nd Feb 2019 delivered to Roti bank Mumbai)
- IDF Web of Hope web application (Launched on 2nd Feb 2019 delivered to Indian Development Foundation)
- IDF Speed Ambulance App (Launched on 2nd Feb 2019 delivered to Indian Development Foundation)
- BLP Electronic Health Record Management System (Launched on 2nd Feb 2019 delivered to Bombay Leprosy Project)
- IDF Fire Fighter Robot (Launched on 2nd Feb 2019 delivered to Indian Development Foundation)
- Roti Bank Breathe Clean Project (Launched on 2nd Feb 2019 delivered to Indian Development Foundation)

UG/PG Projects :
- "Digital Forensic Tool integrated with Artificial Intelligence" by Dhwaniket Kambke during Jan 2015 to July 2015.(PG2015)
- "Network Security Analyzer" by Shwetambari Pawar during Jan 2016 to June 2016)
- Digital Forensic Capability Analyzer(UG 2018)
- Crime File System(UG-2017)
- Physical and Cyber Crime Detection using Digital Forensic Approach: A Complete Digital Forensic Tool (UG-2017)
- Diet system using modified RETE algorithm(UG-2017)
- Soccer Journey Organizer(UG 2016)
- Computerized Forensic Approach (UG 2016)
- Game Development Using Panda 3 D game development (UG 2015)
- Information Management System for faculty and students (UG2015)
- Customized digital Forensic Tool (UG 2014)

CONTRIBUTION IN CURRICULUM DEVELOPMENT

- Acted as a reviewer on the syllabus designed ""Fundamentals of Artificial Intelligence for M.Tech Computer Sem II : 2020-21, Sardar Patel Institute of Technology Autonomous Institute Affiliated to University of Mumbai
  - Acted as a reviewer on the syllabus designed "User Experience Design" for M.Tech Computer Sem II : 2020-21, Sardar Patel Institute of Technology Autonomous Institute Affiliated to University of Mumbai
- Acted as Schema developer for M-Tech Computers Syllabus (I, II, III & IV sem) Setting : 2020-21 , Sardar Patel Institute of Technology Autonomous Institute Affiliated to University of Mumbai
- Acted as a member of curriculum design for new diploma course committee meering held in Xaviers Technical Institute , 23rd October 2019.
- Acted as a reviewer on the syllabus designed for M.Tech EXTC department Sem I- II : 2018-19, Sardar Patel Institute of Technology Autonomous Institute Affiliated to University of Mumbai Date : 12 March 2019
- Acted as a reviewer on the syllabus designed "Cyber Security and Digital Forensic"for M.Tech EXTC department Sem II : 2018-19, Sardar Patel Institute of Technology Autonomous Institute Affiliated to University of Mumbai Date : 09 March 2019
- Acted as a member of curriculum design for under graduate course in Information Technology (BE) of Mumbai University for Domain titled "Security Domain ",CBSGS , Rev 2017.
- Acted as a member of curriculum design for under graduate course in Information Technology (BE) of Mumbai University for Domain titled "IT Enabled Services Domain ",CBSGS , Rev 2017.
- Acted as a member of curriculum design for post graduate course in Computer Engineering (ME) of Mumbai University for subject titled "Ethical Hacking and Digital Forensics " Semester II,CBSGS , Rev 2016.
- Acted as a member of curriculum design for under graduate course in Computer Engineering of Mumbai University for subject titled "Digital Forensic CPE8034"

CONTRIBUTION AS PAPER SETTER

- Human Computing Interaction (Course Code: UCEE801) K. J. Somaiya College of Engineering, Mumbai-77 (Autonomous College Affiliated to University of Mumbai) Year: B.E. Semester: VIII-NON CBGS Branch: COMP Jan 2016
- Digital Forensic Paper Setter (BE Sem 8 Computer) Computer Engineering CBSGS R 2012. May 2016

- Human Computing Interaction (Course Code: UCEE801) K. J. Somaiya College of Engineering, Mumbai-77 (Autonomous College Affiliated to University of Mumbai) Year: B.E. Semester: VIII-NON CBGS Branch: COMP April 2016

- Human Machine Interaction (Course Code: UCEC704) Year: Last Semester: VII Branch: COMP K. J. Somaiya College of Engineering, Mumbai-77 (Autonomous College Affiliated to University of Mumbai) Nov 2017

- Human Computing Interaction (Course Code: UCEE801) Year: Final Semester: VIII NON CBGS Branch: COMP May 2017

- 1T00718 / B.E.(COMPUTER)(SEM VIII)) (CBSGS) 52704 / 4) Digital Forensic Mumbai University Nov 2018

- 1T01225 / S.E.(Information Technology Engineering)(SEM-V) (Choice Base Credit Grading System)(R2016) T10119 / 32408 Elective - I IT Enabled Services (DLOC) Nov 2018

- Course Code:UITC703   Modeling and Simulation   Year: Final Semester:VII   Branch: IT K. J. Somaiya College of Engineering, Mumbai-77 (Autonomous College Affiliated to University of Mumbai) May 2018

- 1T00718 / B.E.(COMPUTER)(SEM VIII)) (CBSGS) 52704 / 4) Digital Forensic Mumbai university May 2019

- 1T02512 / M.E.(Computer Network & Information Security engg) (Choice Based Credit & Grading (Sem. II) (CBCGS) 33607 / Elective I : Informatiopn Haking Techniques Mumbai University May 2019

- 1T01225 / S.E.(Information Technology Engineering)(SEM-V) (Choice Base Credit Grading System)(R2016) T10119 / 32408 Elective - I IT Enabled Services (DLOC) May 2019

- K. J. Somaiya College of Engineering, Mumbai-77 (Autonomous College Affiliated to University of Mumbai Name of the Course: User Experience Design (Course Code: 1PCEE205) May 2019 M tech .

PROFESSIONAL MEMBERSHIP

- Life member for Indian Society for Technical Education Member No: LM80901.
- Member of Association for Computing Machinery (ACM) Member No. 4829240.
- Member of The Society of Digital Information and Wireless Communications (SDIWC) Member No. 26855

OREINTATION PROGRAMs / SHORT TERM TRAINING PROGRAMs

RESOURCE PERSON

2020

- Delivered a Expert talk (Tech Dias Lecture) on 29th January 2020 under the Cyber Cell on" Digital Forensic" in KJ Somaiya Engineering college Sion Mumbai .

- Faculty Orientation Program as a Resource Person for Revised syllabus 2016 TE-IT Sem-VIII (CBCGS) for the subject Enterprise Resource Planning on 10/01/2020 in Terna Engineering College

2019
- Delivered Lecture on 'Digital Forensics and cyber Laws" as a speaker organized by Department of Information Technology of Thadomal Shahani Engineering College on 26th March 2019.
- Acted as Resource Person in Faculty Orientation Program for Revised syllabus 2016 TE-IT Sem-V (CBCGS) for the subject Digital Forensic on 5th Jan 2019 organized by Department of Information Technology of Thadomal Shahani Engineering College on behalf of University of Mumbai.
- Delivered Lectures on "STTP on 'Digital Forensics: Tools, Techniques and Current Trends'" as a Keynote speaker in a one week Short Term Training Program(STTP)

organized by Department of Information Technology of Thadomal Shahani Engineering College from 2nd January to 8th January 2019. (2nd Jan and 3rd Jan 2019).

2018

- Acted as Resource Person in Faculty Orientation Program for Revised syllabus 2016 TE-IT Sem-V (CBCGS) for the subject IT Enabled Service on 16th July 2018 organized by Terna College on behalf of University of Mumbai.
- Delivered a session in AICTE -ISTE approved Short Term Training Program (STTP) on "Pushing Boundaries of Wireless Technology", on 6th January 2018 organized by Sardar Patel Institute of Technology, Andheri West.

2017

- Delivered a prerequisite session on 11th September 2017 in a 5 day's workshop on CyberH4ck A Road to Digital Defence under SAKEC ACM Student Chapter from 12th September 2017 to 16th September 2017.
- Conducted Course on Introduction to "Ethical Hacking and Digital Forensic : A Practical Approach" for 40 Hours in Bhavna Trust's Junior & Degree College of Commerce & Science from 17th July 2017 to 21st August 2017 .Worked as Course Incharge.
- Delivered a talk on 21st July 2017 under the Cyber Cell on" Digital Forensic" in KJ Somaiya Engineering college Sion Mumbai .
- Delivered sessions on 6th July 2017 in One Week STTP on Cyber Security and Digital Forensic from 3th July 2017 to 9th July 2017 organizing by SIES, Navi Mumbai .
- Delivered sessions on 5th and 6th Jan 2017 in One Week STTP on Cyber Security and Digital Forensic from 4th Jan 2017 to 8rd Jan 2017 organizing by Terna College of Engineering, Nerul, Navi Mumbai .

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2016

- Delivered a session on 23rd December 2016 in One Week Workshop on Technology Convergence and Its Practices from 19th Dec 2016 to 23rd Dec 2016 organizing by Sardar Patel Institute of Technology, Andheri West, Mumbai in collaboration with WiE (Women In Engineering),IEEE Bombay Section (Technically Sponsored).
- Delivered a session on 6th December 2016 in One Week STTP on Cyber Security Tools & Technologies from 5th Dec 2016 to 10rd Dec 2016 organizing by shah and anchor Kutchhi Engineering College ,Chembur Mumbai in collaboration with ISTE.
- Delivered a session on "Intelligent System" as a speaker in Guest lecture organized by M.H. Saboo Siddik College of Engineering , Mumbai on 30th September 2016
- Delivered a session on "Digital Forensic: Open Source tools" as a Keynote speaker in

Faculty Development Program organized by Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai on 29th Jan 2016.

- Acted as Resource Person in a orientation program for under graduate course in Computer Engineering of Mumbai University for subject titled "Digital Forensic CPE8034"(Sem VII,CBSGS ,Rev 2012) on 5th Jan 2016 at SAKEC.

Organized

- Organized and worked as Course Coordinator in 5 days workshop on" CyberH4ck A Road to Digital Defence" under SAKEC ACM Student Chapter from 12th September 2017 to 16th September 2017 in SAKEC.
- Organized and coordinated as a course incharge for the Course on Introduction to "Ethical Hacking and Digital Forensic : A Practical Approach" for 40 Hours in Bhavna Trust's Junior & Degree College of Commerce & Science from 17th July 2017 to 21st August 2017 .
- Organized a orientation program for under graduate course in Computer Engineering of Mumbai University for subject titled "Digital Forensic CPE8034"(Sem VII,CBSGS ,Rev 2012) on 5th Jan 2016 at SAKEC.
- Organized one day workshop on Ethical Hacking on 26th March 2015 at SAKEC, Mumbai.
- Organized and Coordinated One week ISTE approved STTP on Research Methodology and Current Trends from 16th to 20th December 2013 at SAKEC ,Mumbai.

Attended

- Attended Faculty Orientation Program Revised syllabus 2016 BE-IT Sem-VIII (CBCGS) for the subject User Interaction Design on 06/01/2020 in TSEC,Bandra
- Attended two days National Cyber Defence Conference'19 Edition III held on 1st and 2nd November 2019 at Rijvi college of engineering Mumbai.
- Attended One Week AICTE-ISTE approved STTP on Recent Trends in IOT from 2nd Jan 2019 to 7th Jan 2019 organizing by shah and anchor Kutchhi Engineering College ,Chembur Mumbai
- Attended one day Workshop "AICTE'S Internship policy" on 29th October 2018 at SPCE , Andheri Mumbai.
- Attended one day Workshop "Smart India Hackathon to take problem statement from Industry Sector " on 12th October 2018 at SPCE , Andheri Mumbai.
- Attended one day Workshop "Avishkar Research Convention 2018" on 7th September 2018 at DJ Sanghvi COE Mumbai.

- Attended Leaders in Action organized by IDF on 3rd July 2018.
- Attended one day Workshop "FICCI India Innovation Growth Programme 2.0 on 8th May 2018 at IIT Mumbai.
- Attended Train the Trainer workshop at SAKEC on 31st March 2018.
- Attended 3 days FDP on "Entrepreneurship Development programme" from 14th February to 16th February 2018 in KARMAVEER BHAURAO PATIL COLLEGE, VASHI in collaboration with department of Science and Technology (DST).
- Attended One Week AICTE-ISTE approved STTP on Web & Mobile Application Development from 4th Jan 2018 to 10rd Jan 2018 organizing by shah and anchor Kutchhi Engineering College ,Chembur Mumbai.
- Attended International yoga day at SAKEc on 21st June 2017.
- Attended One Week STTP on Cyber Security Tools & Technologies from 5th Dec 2016 to 10rd Dec 2016 organizing by shah and anchor Kutchhi Engineering College ,Chembur Mumbai in collaboration with ISTE.
- One week ISTE approved STTP on Open source Tools with hands on lab from 14th to 19th December 2015 at SAKEC ,Mumbai.
- One day FDP on Train the Trainer at IBS School Mumbai on 11th July 2015 .
- One week ISTE approved STTP on Digital Forensic from 11th to 15th November 2014 at Fr. Conceicao Rodrigues College ,Mumbai.
- One day meeting on Industry Institute meet at K J Somaiya College of Engineering on 10th October 2014.
- Completed the course under 2014 IEEE Global Early Career Faculty Virtual Mini-Conference: Effective Teaching on 18 September, 2014
- One day workshop on Hadoop at SAKEC by TCS on 12th April 2014.
- One week ISTE approved STTP on Emerging trends in Wireless Technology from 6th to 10th Jan 2014 at SAKEC ,Mumbai.
- One week ISTE approved STTP on Research Methodology and Current Trends from 16th to 20th December 2013 at SAKEC ,Mumbai.
- One day meeting on Industry Institute meet at Thakur College of Engineering on 25th October 2013.
- Two days workshop on Human Computer Interaction from 16th to 17th Feb.2013 at Sardar Patel Institute of Technology, Mumbai.
- One week ISTE approved STTP on Digital Signal Processing with Image Processing from 9th to 13th July 2012 at SAKEC, Mumbai.
- One week ISTE approved STTP on Wireless Communication and Mobile Technology from 3rd to 7th Jan 2012 at SAKEC, Mumbai.
- One week ISTE approved STTP on Presentation and Effective Teaching Techniques from 18th to 22nd July 2011 at SAKEC, Mumbai.

JUDGE

- Acted as a judge for the S.P.I.T. hackathon, an intra-college hackathon, which is also a preliminary round for the national level Smart India hackathon, organized by AICTE and MHRD held on 8th Jan 2020.

GUIDESHIP / MENTORSHIP

- Working as PhD Co Guide in Shri Jagdishprasad Jhabarmal Tibrewala University since Feb 2019.
- Worked as Mentor for Scholars For Change Campaign organized by Indian Institute of Management Ahmedabad in 2015.

INTERNATIONAL INDUSTRIAL VISIT

- Coordinated SAKEC Global Immersion 2018-19: A visit to Oxford London from 21st February 2019 to 1st March 2019.

PERSONAL DETAILS

- **Date of Birth**   : 7th October 1986
- **Present Address**   : Flat No 602, 6th Floor ,Building No 42,A wing ,Shri Sai Sristy C.H.S. Subhash Nagar ,Chembur, Mumbai - 400071