



**Sinhgad Institutes**

**Sinhgad Technical Education Society's**

Sinhgad College of Engineering  
Vadgaon (Budruk) Off. Sinhgad Road,S.No. 44/1,



**Mr. Mahesh Prabhakar Rao Wankhade**

**M.Tech (Information Technology )**

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**Academic Qualification**

| Degree                          | Institute Name                       | University Name                                     | Year of Passing | Percentage | Grade       | Qualification Status |
|---------------------------------|--------------------------------------|---|-----------------|------------|-------------|----------------------|
| M.TECH (Information Technology) | BVCOE Pune                           | Bharati Vidyapeeth University, Pune                 | 2008            | 63.93%     | First Class | Completed            |
| BE Computer                     | Sant Gajanan Maharaj College of Engg | Sant Gadge Baba Amravati University                 | 1993            | 62.33%     | First Class | Completed            |
| PhD                             | SGGS Nanded                          | Swami Ramanand Teerth Marathwada University, Nanded |                 |            |             | Pursuing             |

**Training Details**

| Training Title   | Arrange By   | Venue  | Date                        | Level               | Category                     | Type     |
|--|--|--|-----------------------------|---------------------|------------------------------|----------|
| Effective Teaching Skills  | Great Foundation Pune                                      | Great Foundation Pune  | 09 Aug 2003 to 10 Aug 2003  | National            | Quality Improvement Programs | External |
| Introduction to Software Architecture                                | AICTE- ISTE and DR. BATU Lonere                            | Dept of Comp Engg - BATU Lonere                                    | 23 Jun 2003 to 04 Jul 2003  | National            | Quality Improvement Programs | External |
| Current Trends in Real Time Applications of DSP and Image Processing | AICTE & Bharati Vidyapeeth COE, Pune                       | Bharati Vidyapeeth COE, Pune                                       | 16 Jan 2008 to 28 Jan 2008  | National            | Quality Improvement Programs | External |
| Wireless Communication and Network                                   | G. S. Sanyal School of Telecommunication, I.I.T. Kharagpur | G. S. Sanyal School of Telecommunication, I.I.T. Kharagpur         | 17 May 2010 to 22 May 2010  | National            | Quality Improvement Programs | External |
| SANGAM- A Confluence of Industry & Academia                          | INFOSYS  | INFOSYS PUNE   | 08 Feb 2006 to 10 Feb 2006  | National            | Industry Interaction         | External |
| Machine Learning and Computational Intelligence                      | ISTE & Dept of Computer Engg, SCOE                         | Department of Computer Engg, SCOE                                  | 25 May 2015 to 31 May 2015  | Induction Programme | Quality Improvement Programs | External |
| Air Interface Design for Future Wireless System                      | GISFI, CTIF-Global Aalborg University                      | Department of E & TC Sinhgad Academy of Engineering, Kondhwa, Pune | 28 June 2010 to 2 July 2010 | International       | Quality Improvement Programs | External |

|   |                                    |  |                             |          |                              |          |
|---|------------------------------------|--|-----------------------------|----------|------------------------------|----------|
| Hands-on Training using Open Source Softwares for Signal Processing and Building Embedded Systems | BCUD SPPU, ISTE and IET            | Institute of Information Technology Pune | 24 Feb 2016 to 28 Feb 2016  | National | Quality Improvement Programs | External |
| Inclusive Technical Education in National Context : Challenges & Solutions 2019                   | SRTMU, SGGSE & IT Nanded           | SRTMU Nanded                             | 11 Jan 2019 to 12 Jan 2019  | National |                              | External |
| ACM India Workshop on Assessment  | Association of Computing Machinery | Dept of Technology, SPPU Pune            | 28 June 2019                | SPPU     | Quality Improvement Programs | External |
| NBA Accreditation and SAR Preparation   | NITTR&R Kolkata                    |  | 27 April 2020 to 1 May 2020 | National | Quality Improvement Programs | External |
| Outcome based Education : A Step towards excellence   | AICTE Margdarshan Scheme           | GCOE Karad                               | 11 May 2020 to 15 May 2020  | National | Quality Improvement Programs | External |
| Scope of IoT and its Applications in Automotive and Agricultural Industry                         | AICTE, ISTE and GCOEARA            | GCOEARA                                  | 22 Feb 2021 to 27 Feb 2021  | National | Orientation                  | External |
| Outcome based Pedagogy for Effective Teaching and Learning in Engineering Education               |                                    | SKN Sinhgad COE, Pandharpur              | 14 Jun 2021 to 18 Jun 2021  | National | Orientation                  | External |

## Conference Details

| Name                          | Venue                  | Date                       | Level                       | Category                       | Sponsored By        |
|-------------------------------|------------------------|----------------------------|-----------------------------|--------------------------------|---------------------|
| Innovation-2010               | SCOPE Pune             | 26 Oct 2010 to 27 Oct 2010 | National                    | Research                       | BCUD - UOP          |
| Innovation-2012               | MAE Alandi             | 19 Mar 2014 to 20 Mar 2014 | University of Pune          | Research                       | BCUD UOP            |
| Research Symposium            | SGGS Nanded            | 30 Jan 2015 to 31 Jan 2015 | Quality Improvement Program | Research                       | TEQIP & SGGS Nanded |
| Research Symposium March 2016 | SGGS Nanded            | 26 Mar 2016 to 27 Mar 2016 | Technical                   | Research                       | SGGS                |
| iPGDCON 2016                  | SCOPE, Pune            | 29 Apr 2016 to 30 Apr 2016 | University of Pune          | Intra-Institutional Conference | BoS IT              |
| cPGCON2016                    | PCCOE Pune             | 25 Mar 2016 to 26 Mar 2016 | University of Pune          | Quality Improvement Programs   | SPPU, BoS Computer  |
| cPGCON2019                    | D Y Patil Pimpri, Pune |                            | University of Pune          | Quality Improvement Programs   | SPPU, BoS Computer  |

## Research Projects

| Project name   | Description  | Status    | Budget     | Project type       |
|--|--|-----------|------------|--------------------|
| Path Finder : RFID based guide system for Blind Navigation | RFID based Navigation system for blind persons using Zigbee and audio for navigation                         | Completed | Rs. 510000 | Sponsored Projects |
| Financial Document Online Transfer Security                | We used Visual Cryptography and Bit Plane Complexity Steganography to transfer the documents on the internet | Completed | Rs. 100000 | Sponsored Projects |

## Research Papers and Journals

| ISSN/ISBN No                                | Paper Title   | Publish Date | Journal/Conference Name   | Level                         | Paper Status           | Authors         |
|---|---|--------------|---|-------------------------------|------------------------|-----------------|
| 2250-2459                                   | Human Tracking in Video Surveillance  | 2011         | International Journal of Emerging Technology and Advanced Engineering                 | Refereed and Indexed Journal  | Accepted and Published | Mahesh Wankhade |
| 2194-5357                                   | Human Tracking in Video Surveillance  | 2012         | Advances in Computing and Information Technology                                      | Refereed and Indexed Journal  | Accepted and Published | Mahesh Wankhade |
| ISSN 2277-3754                              | Survey of Visually Impaired Assistive System  | 2013         | International Journal of Engineering and Innovative Technology                        | Indexed Journal               | Accepted and Published | Mahesh Wankhade |
| 2278-0181                                   | Malware and Malware Detection Techniques: A Survey  | 2013         | International Journal of Engineering Research & Technology (IJERT)                    | Journal - International level | Accepted and Published | Mahesh Wankhade |
| 0975 – 8887                                 | Visually Impaired Assistive System  | 2013         | International Journal of Computer Applications  | Journal - International level | Accepted and Published | Mahesh Wankhade |
| 2320-0790                                   | Malware Detection with Different Voting Schemes   | 2014         | COMPUSOFT, An international journal of advanced computer technology                   | Journal - International level | Accepted and Published | Mahesh Wankhade |
| 2277 128x                                   | Review on V-PADA: Vehicle-Platoon-Aware Data Replication System Data Access in Vehicular Ad hoc Network VANET | 2014         | International Journal of Advanced Research in Computer Science & Software Engineering | Refereed and Indexed Journal  | Accepted and Published | Mahesh Wankhade |
| NA  | Hybrid Approach in Secure IDS EAACK Scheme for MANET  | 2016         | CPGCON 2016   | Conference - State level      | Accepted and Published | Mahesh Wankhade |
| 2319-7064                                   | A Review Paper on Preventing Forged Acknowledgement in MANETS   | 2016         | International Journal of Science and Research (IJSR), Volume 5 Issue 2,               | Indexed Journal               | Accepted and Published | Mahesh Wankhade |
| (print): 0219-6913  <br>(online): 1793-690X | Hybrid model-based image transmission for maximizing network lifetime in wireless multimedia sensor networks. | 2020         | Int. J. Wavelets Multiresolution Inf. Process.  | Indexed Journal               | Accepted and Published | Mahesh Wankhade |

|           |   |      |                                   |                 |                        |                 |
|-----------|---|------|-----------------------------------|-----------------|------------------------|-----------------|
| 2514-9288 | Enhancing lifetime of wireless multimedia sensor networks using modified lion algorithm-based image transmission model. | 2020 | Data Technology and Applications. | Indexed Journal | Accepted and Published | Mahesh Wankhade |
|-----------|---|------|-----------------------------------|-----------------|------------------------|-----------------|

### Membership Details

| Membership Body                            | Details | Duration                   | Level    |
|--|---------|----------------------------|----------|
| The Indian Society For Technical Education | LM37648 | 01 Apr 2003 to 26 Jul 2023 | National |

### Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date :14 Aug 2021

Prof. Mahesh Wankhade