



## Mrs. Manasi Tushar Dangat

Lecturer

Electronics and Telecommunication

All India Shri Shivaji Memorial Society's

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Maharashtra, INDIA

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### Personal Details

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<b>Email</b>	:	mtdangat@aissmspoly.org.in
<b>Date of Birth</b>	:	12 <sup>th</sup> September 1979
<b>Languages</b>	:	English, Hindiand Marathi
<b>Marital Status</b>	:	Married
<b>Nationality</b>	:	Indian

### Educational Qualifications

Qualification	School/College	University	Year of Passing	Percentage	Remark
ME(Digital system)	MIT, Kothrud , Pune	Pune University	2011	7.23	First Class
B.E.(Electronics)	AISSMS College of Engineering, Pune	Pune University	2003	61.8	First Class
Diploma (Industrial Electronics)	BVJNIOT, Pune	MSBTE	2000	73.71	Distinction

### Experience

**Teaching:** 19 years

### Course/Seminar/Symposium/Workshop attended

1. Attended Work shop for implementation for curriculum at MSBTE on 10<sup>th</sup> January2008
2. Two Weeks staff development programme Phase -I at NITTTR, Pune. From 26<sup>th</sup> July to 6<sup>th</sup> August 2010
3. Two Weeks staff development programme Phase -II at NITTTR, Pune. From 31<sup>st</sup> January

to 11<sup>th</sup> February 2011

4. Workshop for development of Teacher Guide and sample Question Paper for 3<sup>rd</sup> semester(Electronics) at MSBTE Pune from 21<sup>st</sup> May to 23<sup>rd</sup> May 2013
5. Work shop on Trainers Training (3<sup>rd</sup> semester G scheme) at MSBTE Pune from 17 June to 18 June 2013
6. "Faculty Development Programme" On 23<sup>rd</sup> And 24<sup>th</sup> Dec 2014 At AISSMS's Polytechnic Pune.
7. National level Workshop sponsored by Savitribai Phule University on "Antennas for Modern Wireless Communication" at AISSMSIOT Pune on 1<sup>st</sup> and 2<sup>nd</sup> February 2018
8. Short Term Training Programme through ICT Mode on "Application of MATLAB in Engineering" from 24/08/2020 to 28/08/2020 organized by NITTTR, Kolkata
9. Short Term Training Programme through ICT Mode on "PLC Programming and its Applications" from 17/08/2020 to 21/08/2020 organized by NITTTR, Kolkata
10. Short Term Training Programme through ICT Mode on "Skill Assessment in Laboratory and Guiding Students" from 03/08/2020 to 07/08/2020 organized by NITTTR, Kolkata
11. Participated in V-Lab Workshop Organized by AISSMS Polytechnic ISTE Faculty Chapter in association with AISSMS COE VLabs Nodal Centre Pune and in Coordination with The Indian Society For Technical Education (ISTE)
12. State level "E learning" workshop organized by Sanjay Ghodawat Polytechnic
13. FDP on "Advanced Teaching Tools, Techniques and Methodologies For Outcome Based Education" AISSMS COE Pune
14. Faculty Development Programme from 2020-01-01 to 2020-06-30 on "eSim" organized by Sinhgad College of Engineering, Vadgaon with course material provided by Spoken Tutorial Project, IIT Bombay
15. HANDS-ON Faculty Development Program on Artificial Intelligence using Python from 14-09-2020 to 19-09-2020 organized by Department of Electronics & telecommunications Engineering, A.I.S.S.M.S. Institute of Information Technology, Pune Supported by I.E.T.E. Pune Section in association with Brainovision Solutions India Pvt. Ltd. & National Youth Council of India
16. Development Program- Student Induction on the theme "Inculcating Universal Human Values in Technical Education" UHV conducted online during 2-6 August, 2021 by All India Council for Technical Education(AICTE)
17. FDP on "Augment Reality & Virtual Reality" organized by Department of Electronics and Telecommunication Engineering in association with Buds Engineering Academy Pune, Under IEEE Students Branch, Institution of Engineers(India), Kolkata and ISTE, New Delhi from 21-25 June 2021.
18. Development Program- Student Induction on the theme "Inculcating Universal Human Values in Technical Education" UHV Part 1 of the online UHV Refresher 1 FDP conducted online during 23-27 August, 2021 by All India Council for Technical Education(AICTE)
19. National Level Online One Week Virtual Workshop On "Personality Development" arranged by Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra. (18th August -25th August 2021)
20. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Artificial intelligence in Electronic Design Automation" by GITAM Deemed University during 09-13 August, 2021
21. One week MSBTE approved and sponsored online faculty development program on "Advancements in Robotics" MSBTE and Department of Automation and Robotics, Vivekananda Education Society's Polytechnic, Chembur Mumbai from 20/06/2022 to 24/06/2022

22. One day IP Awareness/Training program on 28/02/2023 organized by Intellectual Property Office, India
23. Two Days faculty development program on “Role of OBE in Teaching and Learning” organized by AISSMS’s Polytechnic Pune-01 under ISTE faculty chapter from 27th and 28th March 2023
24. Two days online Faculty Development program (FDP) on "Embedded system Design" during 21/07/23 to 22/07/23 organized Department of electronics and telecommunication engineering in association with Institution Of Engineers (INDIA) Local center, Nashik

### **Industrial Training:-**

1. MSBTE sponsored Industrial Training Program on Satellite Telecommunication at M/S Institute of satellite training center Kharadi Pune from 11<sup>th</sup> February to 13 February 2019.
2. MSBTE sponsored Industrial Training Program on “Latest Trends in Wired and wireless communication” at MIT Pune from 22<sup>nd</sup> August to 26<sup>th</sup> August 2011
3. MSBTE sponsored Industrial Training Program on “Embedded Technology and microcontrollers” at GP Pune from 29 January to 2<sup>nd</sup> December 2007.
4. Industrial training at SIEMENS Nasik under industry Education Partnership Cell from 29<sup>th</sup> May to 1<sup>st</sup> June 2006.

### **Awards/Achievements**

1. Best Faculty award in the Department of Electronics and Telecommunication Engineering for the academic year 2021-2022 based on performance metrics and indices
2. Worked as Subject expert to conduct interviews for Adhoc Teaching faculties in Electronics and Telecommunication Department at Cusrow Wadia Institute of Technology Pune -01
3. Worked as subject expert for MSBTE for Mobile communication for curriculum Revision Project 2012 at MSBTE on 5<sup>th</sup> January to 6<sup>th</sup> January 2015
4. Worked as subject expert for MSBTE for Mobile communication for curriculum Revision Project 2012 at MSBTE on 15<sup>th</sup> December to 17<sup>th</sup> December 2014
5. Worked as subject expert for MSBTE for Mobile communication for curriculum Revision Project 2012 at MSBTE on 16 June to 17 June 2014
6. Worked as subject expert for MSBTE for curriculum Revision Project 2012- for Basic Electronics and Mechatronics from 2<sup>nd</sup> June to 4<sup>th</sup> June 2014
7. Worked as subject expert for MSBTE for Mobile communication for curriculum Revision Project 2012 at MSBTE on 6 June 2014
8. Worked as Resource Person for Orientation Program of G scheme for Basic Electronics and Mechatronics of 3<sup>rd</sup> semester of Mechanical Engineering diploma on 29th June 2013
9. Worked as subject expert for MSBTE for curriculum Revision Project 2012- for Audio Video Engineering and Telecommunication system from 19 September to 21 September 2011
10. Worked as subject expert for MSBTE for curriculum Revision Project 2012- for Audio Video Engineering and Telecommunication system from 27 September to 28 September 2011

### **Books Published:-**

1. Book Published on Audio Video Engineering ISBN NO 978-93-5016-256-9
2. Book Published on Analog Communication ISBN NO 978-93-5016-226-2

## Paper Published:-

1. Paper Published on “DUAL AXIS SOLAR TRACKAR USING ARDUINO” International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 11 Issue X Oct 2023- Available at [www.ijraset.com](http://www.ijraset.com)
2. Paper Published on ”Sign Language to Speech Conversion” International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 11 Issue X Oct 2023- Available at [www.ijraset.com](http://www.ijraset.com)
3. Paper Published on “The smart wireless water management system” in International journal for Research in applied science and engineering in April 2023
4. Paper Published on “GSM andGPS BasedaccidentdetectionSystem” in International journal for Research in applied science and engineering in May 2022
5. Paper Published on “Wavelet Packet Transform Based Image Compression” at IEEE sponsored National Level conference on Pervasive Computing at Sinhgad College of Engineering on 9<sup>th</sup> April2010
6. Paper Published on “Wavelet Packet Transform Based Image Compression” at Shahu College of Engineering PG Conference on April2010

## Professional Membership

- Life Membership of The Institution of Engineers(India)
- Life Membership of The Indian Society for Technical Education (ISTE)

## WORK EXPERIENCE:

- **Lecturer in AISSMS Polytechnic, Pune (Maharashtra)**  
Since August 2005 – Till date
- **Lecturer in AISSMS Polytechnic, Pune (Maharashtra)**  
Since July 2004for academic year 2004
- **Testing Engineer in Minilec Pvt. Ltd.**  
From Feb 2004 to July2004
- **PCB Designer in Omikron systems Pvt. Ltd**  
From Dec 2003 to Jan 2004

## EXTRA ACTIVITIES:

- Working as Department Level Coordinator for NBA criteria-1 and 7
- Working as AISSMS Polytechnic ISTE Faculty chapter committee member.
- Working as departmental coordinator for Virtual Lab Nodal Center.
- Working as departmental examination in-charge.

- Working as departmental Timetable in-charge.
- Working as departmental lab in-charge, class-teacher and also participating in different co-curricular activities.
- Worked as anchor for many college level programs such as Technovision, Alumni meet, Different FDPs like V-lab, Role of OBE etc.
- Worked as Exam controller for MSBTE exam.
- Worked as paper setter for MSBTE examination for subject Principles of communication
- Worked as departmental coordinator for MSBTE Winter and Summer Examination online exam
- Worked as quality Officer-In charge in RegionalAssessmentCenter; MSBTE Winter and Summer Examination.
- Worked as quality Officer-In charge in Regional Assessment Center (Photocopy Verification; MSBTE Winter and Summer Examination
- Worked as supervisor in Photocopy Copy Distribution Center; MSBTE Winter and Summer Examination
- Worked as External appointment Committee member for MSBTE Winter and Summer Examination
- Worked as sealingsupervisor for MSBTE theory Examination.
- Worked as supervisor for MSBTE theory Examination
- Worked as Supervisor in Regional Assessment Center.
- Worked as team member for State Level Technical Paper Presentation Competition “Techno-Vision” organized by AISSMS polytechnic
- Worked as Internal monitoring committee member

Mrs. M. T. Dangat

Lecturer in Electronics and Telecommunication Department