

**Name:** Dr. Sandhya Onkar Ahire

**Designation:** Lecturer

**Department:** Computer Engineering

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## Educational Qualifications

Degree	University	Specialization	Year
PhD (E&Tc)	University Of technology Jaipur, Rajasthan	Electronics & Communication Technology	2023
M.E (E&Tc)	Savitribai Phule Pune University	VLSI and Embedded System	2015
B.E (Electronics)	Savitribai Phule Pune University	Electronics	2006

## Experience

**Experience in years:** 17 Years

## Publications

Sr. No.	Title with page Nos.	Journal details	ISSN/ISBN No./ Impact Factor	Indexing Scopus/ SCI/ SCIE/ UGC / Publication Link
1	Intelligent Traffic Controller For Ambulance Using RFID .	International Journal Of Advance Scientific Research & Engineering Trends	ISSN (Online),2456-0774 ,April 2021 ,Impact factor 6.228	UGC Approved Journal in 2017 Sr. No 8330 , DOI Number 10.51319 Journal No (49324) <a href="http://ijasret.com/Volu">http://ijasret.com/Volu</a>

	2456-0774    Volume 5    Issue 12    April 2021			meArticles/FullText PD F/854_24.INTELLIGENT_TRAFFIC_CONTROLLER_FOR_AMBULANCE_USING_RF ID.pdf
2	Temperature and humidity Management of animal shelter and protection of domestic animals from reptiles . Vol.6, Issue 6, page no.809-811, June2019	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162)	June-2019, impact factor 5.87	<a href="http://www.jetir.org/papers/JETIR1906698.pdf">http://www.jetir.org/papers/JETIR1906698.pdf</a> UGC Approved Journal no 63975
3	<u>Co-Operative Adaptive Cruise Control</u> , International Journal of Research in Engineering, Science and Management Volume-2, Issue-6, June-2019, ISSN (Online): 2581- 5792 page no 258-259	International Journal of Research in Engineering, Science and Management	June-2019 ISSN (Online): 2581-5792 Scientific Journal Impact factor: 5.719	<a href="https://www.ijresm.com/Vol.2_2019/Vol2_Issue6_June19/IJRESM_V2_I6_70.pdf">https://www.ijresm.com/Vol.2_2019/Vol2_Issue6_June19/IJRESM_V2_I6_70.pdf</a>
4	IOT Based Fuel Dispensing Special Issue Page 42-45, 2020 ISSN 2395-1621	International Engineering Research Journal (IERJ)	Special Issue Page 42-45, 2020 ISSN 2395-1621	<b>IEEE International Conference UG track ESCI 2020</b> <a href="https://www.ierjournal.org/NCIET-2020.php">https://www.ierjournal.org/NCIET-2020.php</a>
5	IOT Based Prepaid Energy Meter Volume 10 Issue 3 , March-2023	Journal of Emerging Technologies and Innovative Research	ISSN : 2349-5162, 7.95 Impact Factor	UGC Approved (Journal No: 63975) <a href="https://www.jetir.org/papers/JETIR2303185.pdf">https://www.jetir.org/papers/JETIR2303185.pdf</a>
6	A Review on Energy Efficient Routing Algorithms for WSN , Vol. 14, No. 1, (2021), pp. 3329–3336	International Journal of Future Generation Communication and Networking	Articles	<b>The Emerging Sources Citation Index Web of science</b> <a href="http://serisc.org/journals/index.php/IJFGCN/issue/view/302">http://serisc.org/journals/index.php/IJFGCN/issue/view/302</a>

7	IOT Based Telematics Unit For Two Wheeler Electric Vehicle. Volume 10 , Issue 6 , June-2023	Journal of Emerging Technologies and Innovative Research	(ISSN : 2349- 5162 UGC and ISSN Approved – UGC Approved Journal No: 63975)	UGC Journal
8	Cabin Thermal Management for EV Cars , Volume 10 ,   Issue 6	Journal of Emerging Technologies and Innovative Research	(ISSN : 2349- 5162 UGC and ISSN Approved – UGC Approved Journal No: 63975)	UGC Journal
9	IOT Based Heart Attack Detection and Heart Rate Monitor Volume 11 Issue VI Jun 2023-	International Journal for Research in Applied Science & Engineering Technology (IJRAET)	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 EUROPUB-UK Indexed	<b>EUROPUB- UK Indexed ,UGC , Journal Thomson Reuters Researcher ID: N-9681- 2016</b>
10	Advanced Footstep Power Generation System Using RFID For Charging Volume 10 Issue 5 , June-2023	Journal of Emerging Technologies and Innovative Research	(ISSN : 2349- 5162 UGC and ISSN Approved – UGC Approved Journal No: 63975)	UGC Journal

### Course/Seminar/Symposium/Workshop attended

#### Attended academic credential mentioned below

1. Faculty Orientation Workshop B. E. (E&TC/Electronics) Revised Syllabus 2019. Subject: Digital Marketing (Elective 6) from 30/01/2023 to 01/02/2023.
2. Two Days (30 & 31 March 2023) Faculty Development Program (FDP) “Stepping towards Problem and Project-based Learning” Delivered by Dr. Vikas Shinde, Director, Centre of excellence in (PBL) at Vishwaniketan iMEET
3. FDP on Outcome Based Education (OBE)" conducted on 21st Jan. 2023 IQAC of AISSMS's Institute of Information Technology, Pune in association with Inpods India Pvt. Ltd.

#### Organized academic credential mentioned below

4. Organized National level a Three-Days State Level Offline Faculty Development Programme (FDP) on “ Emerging Trends in 5G Technology-Enabled Education” from 2nd May to 4th May, 2023 . Responsibility as FDP Co-ordinator . Host college Name -AISSMS IOIT,Pune

5. Organized a One Day Faculty Development Program (FDP) on “Digital Creativity Skills” by AICTE’s Training and Learning (ATAL) Academy on 16/02/2023  
Responsibility as FDP Co-ordinator , Host college Name -AISSMS IOIT,Pune
6. Organized a One Day Faculty Development Program (FDP) on “Digital Creativity Skills” by AICTE’s Training and Learning (ATAL) Academy on 11/08/2023  
Responsibility as FDP Co-ordinator , Host college Name -AISSMS Polytechnic ,Pune

## Professional Membership

Name of Membership	Type of membership
The Indian Society for Technical Education (ISTE )Membership LM116754	Lifetime membership
The Institution of Electronics and Telecommunication Engineers( IETE )Membership M501992	Lifetime membership
Broadcast Engineering Society (India) BES (INDIA) AM-2977	Professional membership