



SHRI TULJABHAVANI TEMPLE TRUST'S
SHRI TULJABHAVANI COLLEGE OF ENGINEERING,
TULJAPUR – 413 601 DIST. OSMANABAD
(Approved by AICTE and Affiliated to DBATU, Lonere, Dist.: Raigad)
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING



Faculty Profile

Name: Sachin Sambhaji Kale
Designation: Assi. Prof.
Contact Information: E-mail Id: sachinkale07@gmail.com
Contact No.: 9960604495



Educational Background:

- M.E. (Electronics & Telecommunication Engg.) from Shivaji University, Kolhapur.
- B.E. (Electronics & Telecommunication Engineering) from Dr. B.A.M.U. Aurangabad

Professional Experience:

Teaching

- Presently working as an Asst. Prof. in Shri Tulja Bhavani College of Engineering, Tuljapur. Since 7-6-2010
- Worked as Asst. Prof. in P.G.M. College of Engineering Wagholi, Pune during 11-8-2008 to 12-12-2009

Industry:

Publications [Publication title, journal, year] (Journal/Conference):

- Sachin S. Kale & A.N. Jadhav , “Review of Comparative Analysis of Empirical propagation models for WiMAX ”,*International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), ISSN: 2278-1323, Volume 1, Issue 10, December 2012.*
- Sachin S. Kale & A.N.Jadhav, “Simulation Study on path loss models accuracy using path loss exponent for WiMAX”, *National Conference on Emerging Trends in Engineering, Technology & Architecture, D.Y. Patil College of Engineering & Technology, Kasaba Bawada Kolhapur, Maharashtra, ISBN:978-81-920561-2-8, Volume 1, Jan 2013.*

- Sachin S. Kale & A.N.Jadhav, “Performance Analysis of Empirical Propagation models for WiMAX in Urban Enviroment”, *International Conference on Emerging Trends in Engineering, Dr. J. J. Magdum College of Engineering, Jaysingpur, on Feb 2013, IOSR-JECE, ISSN:2278-2834, ISBN: 2278-8735, PP24-28.*
- Sachin S. Kale & A.N. Jadhav , “An Empirically Based Path loss models For LTE Advanced Network and Modeling for 4G Wireless System at 2.4 GHz, 2.6 GHz and 3.5 GHz ”,*International Journal of Application or Innovation in Engineering & Management (IJAIEEM), ISSN 2319 – 4847,Volume 2, Issue 9, September 2013.*
- Sachin S. Kale & A.N. Jadhav , “Performance Evaluation of Path loss in Suburban at 2.4 GHz, 2.6 GHz, 3.5 GHz ”, *National Conference on Emerging Trends in Engineering, Technology & Architecture, D.Y. Patil College of Engineering & Technology, Kasaba Bawada Kolhapur, Maharashtra, ISBN:978-81-920561-4-2, Volume 1, Jan 2014.*
- A.N. Jadhav & Sachin S. Kale , “Suburban Area Path loss Propagation Prediction and Optimization using Hata Model at 2375 MHz ”,*International Journal of Advanced Research in Computer and Communication Engineering (IJACCE), ISSN (Online): 2278 – 1021 ISSN (Print): 2319 – 5940, Volume 3, Issue 1, January 2014.*
- Sachin S. Kale, “Estimation of Path Loss By Analysing Different Outdoor Propagation Models In Open Urban Environment At 2.4 GHz ”, *National Conference on Recent Advances in Embedded Technology (NCRAET15), R. P. Mahavidyalaya, Osmanabad,, Maharashtra, 29/1/2015 to 30/1/2015*
- Sachin S. Kale, “RF-EMF Radiation effect of different wireless devies on nature sustanability”, *International Conference on envionmental pollution and its contral (EPIC-2019), Government Engg. College Banswara, Rajastan, 18/2/2019 to 19/2/2019.*

Course/ Seminar/Workshop/FDP Attended:

Title /Name of Course Seminar/Workshop/FDP	Organizer Details	Date
FDP on Multirate Signal Processing and Wavelets	AICTE Sponsored & Conducted by SGGSI&T, Nanded	29/6/2015 to 10/6/2015
FDP on Recent Trends In Wireless Communication and Networking	DYPCOE, Kolhapur	13/2/2012 to 18/2/2012
FDP on Mobile Adhoc Networks and Simulation	SSPMCOE, Sindhudurg.	9/1/2012 to 13/01/2012

FDP on Digital Image Processing and Its Application	P.G.M. COE, Pune.	25/2/2011 to 26/2/2011
FDP on Effective Research Methodology	GSMCOE, Pune.	22/1/2011
workshop NPTEL	NPTEL	21/4/2018
FDP on Machine Learning, Artificial Intelligence In Image Processing Unisn Xilinx System Generator For DSP	AICTE Sponsored & Conducted Kalpataru Institute of Technology, Tiptur	22/6/2019 to 3/8/2019
FDP on Python 3.4.3	P.R.Pote Patil College of Engineering & Management, Amravati & jointly organized by Spoken Tutorial, IIT Bombay	28/4/2020
FDP on Effective Proposal Writing For Research and Funding	Sandip Institute of Tech & Research Centre, Nashik with association with IEEE Women in Engg.	13/5/2020 to 18/5/2020
Workshop on Iot	Universal College of Engg. Vasai	15/5/2020
Webinar on Photonics: Opportunities and Challenges in India	Maland College of Engg. Hassan	16/5/2020
FDP on Machine Learning and Deep Learning Applications in Engineering & Science	TEQIP-III under organized by GCE, Karad	16/5/2020 to 20/5/2020
Webinar Series on Research, Technology Trends in Digital Future and Media Responsibility During Pandemic	Dr. V.V.Patil College of Engg. Ahmednagar	17/5/2020 to 24/5/2020
Webinar Series on Digi-Tech Teaching Learning-2020	Sinhgad Institute of Technology, Lonavala	18/5/2020 to 22/5/2020
FDP on Recent Innovations in Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy	Sri Sai Ram Engg. College, Chennai	18/5/2020 to 30/5/2020
Webinar on Recent Trends in Digital Image Processing	Shri Krishnaswamy College for Women	20/5/2020
FDP on Introduction to Computer	Shriram Institute of Engg. & Tech Center, Paniv	20/5/2020 to 24/5/2020
Webinar on Being Employable has Become A Necessity	Guru Nanak Institute of Engg. & Tech. Nagpur	22/5/2020
FDP on Artificial Intelligence	Tirumala Engg. College, Hyderabad	22/5/2020 to 26/5/2020
FDP on Artificial Intelligence	Christian College of Engg.Oddanchatram	22/5/2020 to 26/5/2021

Webinar on Enthrallment of The Mind for Effective E-Content Learning	J.V.M's Mehta Degree college, Navi Mumbai	23/5/2020
Webinar on E-Learning/ICT Based Education	Jawaharlal Institute of Tech. Borawan	24/5/2020
Webinar on Career Opportunities in Indian Army	AISSMS COE, Pune	24/5/2020
Webinar on Antenna Design through Simulation Using TaraNG 19.1	TEQIP-III under organized by Dr. BATU, Lonere	25/5/2020
Webinar on Opportunities for Engineers @ DRDO	Chennai Institute of Technology, Chennai	25/5/2020
Webinar Series on Post COVID 19: Challenges in Engg. Education and Industry	K J College of Engg. & Management Research, Pune	25/5/2020 to 27/5/2020
Webinar Series on Wireless Communication Towards 5G	Sinhgad Institute of Technology & Science, Narhe, Pune	25/5/2020 to 29/5/2020
FDP on Opportunities & Challenges in Electronics & Allied Industries in India Post COVID 19	Vivekanand Education Society's Institute of Technology, Mubmai	25/5/2020 to 30/5/2021
Webinar on Transaction Analysis in Education	Vidyavardhini's College of Engg. & Tech., Vasai	26/5/2020
Workshop on Demonstration of Software Testing (Automation)	Dr. V.V.Patil College of Engg. Ahmednagar	26/5/2020 to 28/5/2020
Webinar on Insights on Startup Fundamentals	Sri Ramakrishna Institute of Tech. Coimbatore	26/5/2020
Webinar on Building Electrical Designing & Drafting	Amrutvahini COE, Sangamner	27/5/2020
FDP on E-Learning	SSDS College, Latur with EdFly	27/5/2020
Webinar on Planar Antenna Design For Realtime 5G Modem Application	KIT, Coimbatore	27/5/2020
FDP on Latest Trends in IT	Amity School of Engg. & Tech , Amity University, Maharashtra	27/5/2020 to 29/5/2020
FDP on Recent Trends in Technology & Digital Education	Marathwada Mitra Mandal's COE, Pune in Association with ISTE	27/5/2020 to 29/5/2020
Webinar on Automata Theory and its Application	Arasu Engg. College, Thanjavur	28/5/2020
FDP on Usage of Technology in Covid 19	Terna Engg. College, Nerul, Navi Mumbai	28/5/2020 to 2/6/2020
Workshop on Education 4.0	Aharva COE, Mumbai	28/5/2020 to 30/5/2020

Webinar on Quality Research through the Essential Ethics	Sangameshwar College, Solapur	29/5/2020
Webinar on Career in Semiconductor, Global Evolution in Semiconductor and Application	Suryodaya COE, Nagpur	29/5/2020
FDP on Signal Image & Video Processing: A Practical Approach (SIVPAPA-2020)	TEQIP-III is organized by the Government College of Engg. Karad	26/5/2020 to 30/5/2020
FDP on "Python 3.4.3"	Sharad Institute of Technology, Polytechnic, Ichalkaranji	4/6/2020 to 8/6/2020
Webinar on Role of IQAC in higher educational institutions	Badruka College of Commerce & Arts	12/6/2020
Webinar on Digital Disruptions leading to innovations in business models	STBCE Tuljapur	13/6/2020
Workshop on Next Generation Software Tools and trends for industrial solutions: Current practices	TEQIP-III is organized by the Government College of Engg. Aurangabad	13/6/2020 to 17/6/2020
Webinar on Designing IOT systems	STBCE Tuljapur	15/6/2020
STTP on Latex For Everyone	Ramrao Adik Institute of Tech. Nerul	18/6/2020 to 20/6/2020
FDP on Challenges and Opportunities In Recent Emerging Technologies	TEQIP-III is organized by Shri Guru Gobind Singhji Institute of Engg. & Tech., Nanded	6/7/2020 to 10/6/2020
STTP on Image Processing and Data Science with MATLAB (IP&DSWM 2020)	TEQIP-III is organized by the Government College of Engg. Aurangabad	7/6/2020 to 11/6/2020
FDP on Sustainable Environment an Engineering Perspective (SEEP 2020)	TEQIP-III under organized by Assam Engineering College Jalukbari, Guwahati	13/6/2020 to 18/6/2020
FDP on Algorithms and Techniques for Signal Processing	TEQIP-III under organized by College of Engineering, Pune	14/7/2020 to 18/7/2020
STTP on Machine Learning Technique for medical and healthcare applications	AICTE Sponsored & Conducted Velalar College of Engg. & Tech. Tindal, Erode	3/8/2020 to 8/8/2020
STTP on Recent Trends in Electronics communication and semiconductors	ISTE under organized by Anantrao pawar college of engineering & research, Pune	10/6/2024 to 14/6/2024

Courses/Subject Taught:

SE, E&M, P&S, DLDM, PTRP, Python, CN, VN, AICA, DS, EECE, SCET, PDT,
MCO, ACS, DEMP ,DBMS, IDSR

Awards and honors:**Association with Professional Bodies:**

- Life member ISTE

Personal information:

Date of Birth: 07-10-1986

Address: SAMBHAJI NIWAS, PAPNAS RAOD, TULJAPUR 413601.

Languages Known: English, Marathi, Hindi

Hobbies: Reading the book, Fitness, Travelling

Sachin Sambhaji Kale
Asst. Prof.
S.T.B. College of Engineering, Tuljapur