



**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**

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### **Faculty Profile**

**Name: Sachin Eknath Hajare**

**Designation: Assistant Professor**

**Contact Information: E-mail Id: seh.stbcet@gmail.com**



Contact No.: 9422255008

**Educational Qualification** 1. M.E (CE) from Dr. B.A.M.U. Aurangabad

2. B.E. (ETC) from Dr. B.A.M.U. Aurangabad

**Professional Experience:** Shri Tulja Bhavani College of Engineering, Tuljapur

Assistant Professor 02/02/2008 to till date.

Total Experience : 16 years

**Responsibility Handled:**

1. Worked as paper setter for Dr. B.A.M.U. Aurangabad and Dr. B.A.T.U.Lonere
2. Worked as external internal examiner for the Dr. B.A.M.U. Aurangabad, Dr. B.A.T.U.Lonere, Solapur University
3. Worked as a member for anti-ragging squad committee.
4. Worked as a Master Trainer in Assembly Election, Loksabha Election, Grampachayat Election and Municipal Council Election.
5. Worked as third party auditor for the project of Jalyukt Shivar
6. Worked as a trainer and examiner for computer training programme to Revenue Department 18/07/2010.
7. Worked as a member in AICTE Committee.
8. Worked as In charge HOD, second shift polytechnic S.T.B.C.O.E Tuljapur .
9. Worked as an Understudy for Dr. B.A.M.U. Aurangabad examination .
10. Worked as Stage head cultural event(Youth Festival 2016) Jointly organized by S.T.B.C.O.E Tuljapur and Dr. B.A.M.U. Aurangabad.
11. Worked as a member in scrutiny committee for the selection of teaching posts .
12. Worked as warden for boys hostel.

13. Worked as Member of committee for affiliation.
14. Worked as evaluator for TulTech 2018,2019.
15. Worked as Project, Seminar Coordinator.
16. Department NAAC Co-Ordinator.

**Course/ Seminar/Workshop/FDP Attended:**

1. One week faculty development programme on **“Mission 10X”** at S.T.B. College of Engineering, Tuljapur.
2. Two week AICTE Sponsored FDP on **“Machine Learning,Artificial Intelligency inimage processing by using MATLAB and XILINX system generator for DSP”** Organised by Kalpataru Institute of Technology Tiptur, Karnataka.
3. One Week TEQIP-III/AICTE sponsored STTP on **“Mathematical Modeling and Numerical Techniques”** organized by Dr.BATU and Dr.AMGI Kolhapur.
4. One Week TEQIP-III sponsored STTP on **“Statistical Inference and Linear Algebra”** organized by SGGs and University PATRONS MALAYSIYA.
5. 3 Days Workshop on **“MEMS Technolgy and Applications”** organized by Cumins College of Engg. Pune.
6. TWO Week AICTE Sponsored FDP on *“AI and its application in Biomedical Engineering”* organized by JSPM Rajashri shahu college of Engineering Tathawade Pune.
7. TWO Week AICTE/FDP on **“Applications of Augmented Reality (AR) and Virtual Reality(VR) using MATLAB”** Organised by IFET College of Engineering, IFET Nagar, Gangarampalayam, Villupuram.
8. One Week TEQIP-III FDP on **“Challenges and Opportunities in Recent Emerging Technologies”** organized by SGGs Nanded.
9. 5 Days FDP on **“R Programing Language”** Organised by Modern College and Spoken Tutorial.
10. One Week AICTE/STTP on **“COMPUTER NETWORKING”** organized by Bharati Vidhypeeth Pune.
11. TWO Week TEQIP-III InternationalFDP on **“Multidisciplinary Research Innovation in Engineering, Science and Technology for Sustainable**

**Development**” organized by Bipin Tripathi Kumaon Institute of Technology Dwarahat Almora (Uttarakhand), INDIA.

12. One Week TEQIP-III/STTP on **“Image Processing and Data Science with MATLAB (IP&DSWM 2020)”** organized by Gov. College of Engg. Aurangabad.

13. One Week AICTE/STTP on **“Teaching Learning pedagogies”** organized by A.G.Patil Solapur.

14. One Week FDP on **“Machine Learning With Python”** organized by KKR&KSR Institute of Technology & Sciences, Vinjanampadu, Guntur, Andhra Pradesh.

15. One Week AICTE/STTP on **“Advances in Additive Manufacturing”** organized by Yashwantrao Chavan College of Engg.Nagpur.

16. One Week TEQIP-III/FDP on **“Machine Learning in Digital Image Processing”** organized by Govind Ballabh Pant Institute of Engineering & Technology Pauri Garhwal, Uttarakhand.

17. One Week AICTE & TEQIP-III National level Workshop on **“Digital Transformation & Pedagogies”** organized by Govt.College of Engg. Karad.

18. One Week TEQIP-III/FDP on **“Algorithms and Techniques for Signal Processing”** organized by College of Engineering, Pune.

#### **Publication Details (Journal/Conference)**

1) **S.E.Hajare, J.M.Shaikh and A.B.Nimonkar** “A design and analysis of switched beam smart antenna using Butler matrix” *E Journal Publication, IJARIT Volume -5 Issue 3, May-June 2019, ISSN:2454-132X*.

2) **S.E.Hajare** “Implimentation of Butler Matrix for switched beam smart antenna” *Intreanational Conferarence, Yadavrao tasgonkar Group of institute, 22nd March 2012.*

3) **S.E.Hajare** “Direction of arrival estimation and beam forming for smart antenna system” *International Conferance , Yadavrao tasgonkar Group of institute, 22nd March 2013.*

4) **S.E.Hajare** “Smart antenna system using PMS and LMS algorithm” *International Conference, SSM COE Komarpalayam TN, 21-23 Sep 2011.*

- 5) **S.E.Hajare** “Smart Antenna Technology and its types” *National Conference, LR Tiwari COE Mumbai, 11th march 2011.*
- 6) **S.E.Hajare** “Smart Antenna Tech:Introduction to LMS and SMI Adaptive beam forming Algorithm” *National conference, AISSMS IIT Pune, 10-11 March 2011.*
- 7) **S.E.Hajare** “Smart antenna Technology for wireless Communication” *National conference, PDVVP Ahmednagar, 24-25 Feb 2011.*
- 8) **S.E.Hajare** “Adaptive beam forming for smart antenna system” *National conference, PRECOE Loni, 6-7 April 2011.*

**Association with Professional Bodies** : Life member of Indian Society for Technical Education (ISTE), New Delhi, LM61325.

**Personal information:**

Date of Birth: 07/07/1985  
Address: Staff Quarter Tuljapur  
Languages Known:Marathi, Hindi,England  
Hobbies:Reading

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