Mr. S. R. Khot

srkhot08@gmail.com

- ➢ **Educational Qualification:** M.E. (Electronics)
- ➢ **Experience:** 34 Years
- ➢ **Contact No. : 9822501956**
- ➢ **Areas of Interest: Image Processing**
- ➢ **Memberships: ISTE Life Member**
- ➢ **Courses Handled:** Image Processing, Computer Vision, Digital Signal Processing, Linear Integrated Circuits.

- ➢ **Administrative responsibilities:**

  - • Member of Department Advisory Board
  - • Member of BOS autonomous college
  - • Member of T& P Committee
  - • Health & Fitness Club Coordinator
  - • Activity Club coordinator

    University Level:
    - • Ex. Member of Faculty of Engineering & Technology, SUK (2005-2010)
    - • Ex. Member of Academic Council, Shivaji University (SUK)(2005-2010)

- ➢ **Publications:**

  International Journals: 27
  International Conferences: 16
  National Conferences: 21

1)Early stage Lung Cancer Diagnosis using ANN Classifier
International Conference on Artificial Intelligence and Smart Systems, ICAIS
Year: 2021 | Conference Paper | Publisher: IEEE

2) Human voice sentiment identification using SVM
International conference on information and Communication Technology for competitive strategies (ICTCS 2020)
Year: 2020 | Conference Paper | Publisher: Springer Book Chapter

3)Analysis of Model based Shadow Detection and Removal in Color Images
Third International Conference on Inventive Systems and Control (ICISC)
Year: 2019 | Conference Paper | Publisher: IEEE

4)Image matching with SIFT feature
2nd International Conference on Inventive Systems and Control (ICISC)
Year: 2018 | Conference Paper | Publisher: IEEE

5)An enhancement in detection of brain cancer through image fusion
IEEE International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT)
Year: 2016 | Conference Paper | Publisher: IEEE

6)Enhanced visual cryptography scheme for secret image retrieval using average filter
IEEE Global Conference on Wireless Computing & Networking (GCWCN)
Year: 2014 | Conference Paper | Publisher: IEEE

7)Emotion recognition using Principal Component Analysis with Singular Value Decomposition
International Conference on Electronics and Communication Systems (ICECS)
Year: 2014 | Conference Paper | Publisher: IEEE

8)Robustness of video watermarking against various attacks using Wavelet Transform techniques and Principle Component Analysis
International Conference on Information Communication and Embedded Systems (ICICES)
Year: 2013 | Conference Paper | Publisher: IEEE

9) **Robustness test analysis of histogram based audio watermarking**
International Conference on Information Processing , Communications in Computer and Information Science, book series (CCIS, volume 292)
Year: 2012 | Conference Paper | Publisher: **ELSEVIER**

- ➢ **Research Projects : (PG)**
    - ✓ Completed: 11
    - ✓ Ongoing: 12

NPTEL courses:
1 . Robotics IIT Kharagpur July –sept 2021
2. Analog Circuits, IIT Bombay Jan- March 2020
3. Electronics Modules for Industrial applications using op-amps, IISc Bangalore Feb-Apr 2019

- ➢ **Yoga Activity:** *As a social work*

    1. Conducted **international yoga day** programs at various places apart from at D.Y.Patil college of Engg. & Tech., Kolhapur include
        2015: Kolhapur Police , Kolhapur
        2016: Swami Vivekanand College, Kolhapur
        2017: New College Kolhapur
        2018: Rajarm Highschool student , Kasaba Bawada, Kolhapur
        2019: Y.B. Patil Polytechnic , Kolhapur
        2020: Online for DYPCET Students

    2. Conducted various **yoga programs** at different places
        - Maisaheb Bawadekar School,Kolhapur
        - For senior citizen at Mahaveer Garden, kolhapur
        - Patanjali Chikistalay ,Near Basant Bahar, Kolhapur.
        - For DYPCT NSS Student at KUSHIRE.

- ➢ **Awards and Accolades:**

    - Skill India : Yoga Instructor
        - **Certificate of Appreciation** by Yoga Certificate Board, Ministry of AYUSH, Govt. of India .