**CURRICULLAM VITAE**

Name**: Swati Pramod Nandusekar/Kamthekar**

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New Panvel 410206

**Experience:14 years**

1. **Pillai’s HOC college of Engineering and Technology, Rasayani**
2. YTIET, Karjat.
3. M.G.M. College of Engineering, Kamothe, Navi Mumbai.
4. Thadomal Sahani College of Engineering, Bandra.
5. Data Meghe College of Engineering, Airoli.
6. SGGS College of Engineering and Technology, Nanded.

**Job responsibility:**

1. Worked as  Off -Line CAP in-charge for 3 years
2. Time-Table In charge
3. Departmental exam coordinator
4. University Oral /Practical coordinator
5. Lab In charge
6. Domain coordinator
7. Mentoring in charge.

**Educational qualification:**

1. PhD(perusing )from Dr. Babasaheb Ambedkar Technological University, Lonere. (Coursework completed with SGPA-7.67)
2. MTech (Electronics) from SGGS College of Engineering and Technology, Nanded. Passed in 2005-2006 with 1st class.
3. BE (EXTC) from STB College of Engineering, Tuljapur. Dr. BAM University,Passed in 2001with distinction (68.8 percent).
4. HSC (General) from P N College, Nanded. Aurangabad Board. Passed in 1st class (70%)
5. SSC from Gujrathi High School, Nanded. Passed in 1994 with distinction (87 %)

**Projects and Seminars:**

**M Tech:**

**Seminars:**

1. Pectorial video Summarization
2. Key frame evaluation in video
3. Sports Summarization Methods
4. Replay detection

**Project:**

**Replay detection**

This is one of the methods of sports video summarization. Two algorithms are used to detect replays, one is frame classification algorithm classifies frames in video and depending on scene transition structure analysis replays are detected. Shot boundary detection algorithm come into picture when frame classification algorithm fails to detect replay.

**BE: Seminar and Project**

100 watt hi fi cordless PA system

**Honours and Awards:**

1. 2nd prize award for paper at national level conference NECENT held in FRIT, Vashi, during 24-15 february 2012.
2. Worked as **reviewer** for ICCASP2018, ICCASP2016.
3. PG teacher approval.

**Funds:** Rs 20,000/- is sanction for MRP for year 2018-19

Minor research project title “**Effect of meditation on diabetic patients using EEG and some pathological test”**

**Publications:**

**International paper publication**

1. Swati kamthekar, Prachi Deshpande, Brijesh R. Iyer **,”** [**Cognitive Analytics for Rapid Stress Relief in Humans Using EEG Based Analysis of Tratak Sadhana (Meditation):**](https://www.igi-global.com/submission/proofing/document/?did=52318)”, International Journal of Information Retrieval Research (IJIRR) Volume 10, Issue Pp- 1-15.
2. Swati S. Kamthekar, “**copy move forgery detection and estimation of digital images: a survey** ", Int. Journal of Advanced Technology in engineering and science In volume no 3, issue no 3, 2015.
3. Ashwini Thakare, Swati Nandusekar, “**Motion Object Detection and Tracking in long Distance Imaging through Turbulent Medium**”, Int. Journal of science and research, Volume 4 Issue 11, November 2015.
4. Ashwini Thakare, Swati Nandusekar, “**Detection and Tracking in long Distance Imaging through Turbulent Medium**”, Int. conference on emerging trends of technology,18 -19March 2015.
5. Sayli pawar, Swati Nandusekar, “**Improvised Image Scrambling Technique With Shuffling Of Pixel Values And Position**,”in IEEE International Conference on Communication and Electronics Systems (ICCES 2016).
6. Sayli pawar, Swati Nandusekar,” **Efficient RDH Scheme Based on Improved Quality of Retrieved Image and System Performance**”,  International conference on computing communication and signal processing,Dec 2016.
7. Vanashree Deshpande, Swati S. Kamthekar,“VANET based Distributed Platoon System.”,  International conference on computing communication and signal processing,Jan 2018.

**National level Paper publication**

1. Swati kamthekar, Brijesh R. Iyer “Tratak Meditation As a CAM for Stress Management: An EEG Based Analysis”,IEEE, International Conference on Intelligent Technologies (CONIT) Karnataka, India. June 25-27, 2021
2. Swati S. Kamthekar, Dr.Manesh Kokare, “ **Replay Detection”** in national level conference NECENT at FRIT, Vashi on24-25,Feb2012
3. Swati S. Kamthekar, Dr.Manesh Kokare, “**A review -Sports Summarization Methods”,** In national conference TSyGECA-06at Aurangabad, on 23-24 Jan 2006.

**Training programs:**

1. Training program of three days on **“Recent trends in image and signal processing”**

SGGS College of Engineering and Technology. Nanded in 2006.

1. STTP on “**Recent trends in image and video processing**” at Don Basco Institute of Technology, Kurla in 2008 for 12 days.
2. **Scilab** Workshop Pillai’s Institute of   Information Technology, Engineering, Media Studies and Research, New Panvel.
3. Workshop on “**Writing Effective Conference Paper”** organized by IIT Bombay.
4. Workshop on “**Introduction to  Research Methodology”** from 25th Jun to 4 July 2012  organized by IIT Bombay.
5. STTP on “Advances in Microwave ”, Organized by Electronics and Telecommunication Engineering Department of PHCET Rasayani. (4 to 8 Feb 2013- 5 days)
6. Workshop on “LaTex” on 28 nov 2015 at pillai HOCcollege of engineering,Rasayani.
7. FDP on **“Basic electrical and electronics engineering**” in Pillai HOC college of engineering, dated 23 to 25 th August 2016
8. STTP on “Big Data Analylytics”, Organized by Computer Department of S.V.N.I.T, Surat. (12 to 16 Dec 2016- 5 days)
9. STTP on “Machine learning and DSP application ”, Organized by Electronics and Telecommunication Engineering Department of PHCET Rasayani. (2 to 8 JAN 2018- 5 days)

**Talks Delivered**

1. “**Energy Audit**”, a seminar delivered at Pillai Hoc polytechnic ,Rasayani
2. “**Nano materials used in Rf and microwaves**” a expert lecture deliverd in ISTE approved STTP On “advances in microwaves” at Pillai Hoc College of Engineering ,Rasayani. from 4th to 8th Feb. 2013.

**STTP conducted**

1. ISTE approved STTP On “**Advances in Microwaves**” at Pillai Hoc College of Engineering, Rasayani from 4th to 8th feb 2013.
2. ISTE approved STTP On “**Machine intelligence and DSP Applications**” at Pillai Hoc College of Engineering , Rasayani from 2nd to 8thJanuary 2018.

**Memberships of Professional Institutes / Organizations**

1. Life Member – ISTE
2. Date

Place                                                                                                       (Swati P. Nandusekar )