

RESUME

PRAMOD SAMBHAJI JADHAV

ASSISTANT PROFESSOR

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1. Objective:-

To make best use of my knowledge to expand my skill set and beat all challenges offered to me by life.

2. Research Interest :- Image Processing

3. Professional Experience:-

Sr. No	Name and Address of organization	Post & Department	Period
1	Pune District Education Association College of Engineering, Manjari(Bk), Pune	Electronic Engineerin g	05/06/2017 To Present
2	Shahajirao Patil Vikas Pratishthan's, S. B. Patil Engineering, A/P Vangali, Tal. Indapur, Dist. Pune.	Assistant Professor, E&TC Dept.	11/02/2017 To 31/05/2017
3	Akhil Bhratiya Maratha Shikshan Parishad's, Anantrao Pawed College of Engineering & Research, Parvati, Pune.	Assistant Professor, E&TC Dept.	23/07/2012 To 22/12/2016
4	SRES's, Shree Ramchandra College Of Engineering, Lonikand, Wagholi, Pune	Lecturer, E&TC Dept.	1/08/2011 TO 21/07/2012
5	JSPM'S Bhivarabai Sawant Institute of Technology & Research (Women), Wagholi Campus, Pune	Lecturer, E&TC Dept.	08/02 2010 TO 31/07/2011

4. Educational Qualification:-

- Completed Master in Engineering (E&TC - SIGNAL PROCESSING) from Modern College of Engineering, Savitribai Phule Pune University in 2016 with First Class (CGPA - 6.98)
- Completed Bachelor in Engineering (E&TC) from SVPM'S College of Engineering, Pune University in 2009 with First Class (65%)

5. Simulation Software :-

- Xilinx , Matlab 7.0 & above , LabView, Orcad
- Operating System : MS DOS, Windows98, 2000, XP, Linux, Windows Vista, Windows 7.

6. Job Responsibilities:-

I. Academic:-

- Development of lesson plan, teaching material, including preparation of assignment and test, modular handbooks and syllabi as per academic calendar of SPPU & institution.
- Taught subjects to students as per specified curriculum using various teaching methods such as lectures, discussions, practicals and demonstrations using Presentation.
- Plays a role of Class teacher, Guardian faculty member during academic year.
- Making and moderating students work across the programme, preparing & submitting result & report on student program to evaluate student progress and support recommendations for student development.
- Develop academic programs, workshop, seminar, expert lecture for development of student in academics.
- Participating fully developing academic standard & reviewing new course material programmes.

II. Administration:-

- Develop laboratories for Second Year E&TC - Electronic Device & Circuit, Integrated Circuit, Analog Communication, Electronics Measurements & Instruments Testing in year 2013-14 & Third Year E&TC - Digital Communication, Power Electronics and Microprocessor in year 2014-15.
- Co-ordinator for industrial visit for second year E&TC students at SUZLON, Satara in 2013 & Third Year E&TC students at Aurgabad in 2014.
- Establishment of ISTE Students Chapter, Staff Chapter & Staff Advisor for ISTE Student Chapter since 2013.
- Teacher Representative Member of Local Management Committee, APCOER from 2012 to 2014.
- Appointed as Senior External Supervisor in by SPPU in various colleges

7. Subject Taken at UG level:-

- First Year : Basic Electronics Engineering
- Second Year : Electronics Devices & Circuits, Integrated Circuits, Electronics Measurements & Instruments Testing
- Third Year : Mini Project & Seminar
- Fourth Year : Digital Image Processing, and Wireless Network, Advanced Power Electronics

8. Research Guidance:-

- a. Undergraduate Level - 04 Group

9. Paper Publications:-

a. International Journals

- Published an International Journal Paper "Discrete wavelet transformed based Image Super-Resolution" in 'International Journal of Emerging Technology in Computer Science & Electronics' (IJETCSE, ISSN - 0976-1353), Volume 12 issue 2, March 2015.
- Published an International Journal Paper "Multi-Region Image Segmentation with Zero Level Set Functional and Evolution of Active Contour on Energy Minimization" in 'International Journal of Electronics, Electrical and Computational System' (IJEECS, ISSN - 2348-117X), Volume 5, Issue 6, June 2016.

b. International Conferences:

- Presented technical paper "Wavelet transformed based Image Super-Resolution" in 'International conference on recent developments in Engineering & Technology' (ICRDET2015) held at Dr. Pauls College of Engineering, Tamilnadu in March 2015
- Presented technical paper "Multi-Region Image Segmentation with Zero Level Set Functional and Evolution of Active Contour on Energy Minimization" in 'International conference on Latest concept in Science, Technology and Management' (ICLCSTM - 16) held at Conference Info and Academic Science at The Institution of Electronics and Telecommunication Engineers (ISTE), New Delhi, June 2016.

c. National Conference:

- Presented technical paper "Redundent Discrete Wavelet transformed based Image Super-Resolution" in 'National Conference on Technical Revolution' (NCTR 2015), held at Anantrao Pawar College of Engineering & Research, Parvati, Pune 9 in January 2015
- Presented technical paper "Discrete Wavelet transformed based Image Super-Resolution" in 'Indian Conference on Signal & Image Processing' (IConSIP 2015) held at Shri Guru Govind Singhji Institute of Engineering & Technology, Nanded in July 2015

- Presented technical paper "A Review on: "Image Segmentation Based on Level Set Method"" in 'National Conference on Technical Revolution' (NCTR 2016), held at Anantrao Pawar College of Engineering & Research, Parvati, Pune 9 in March 2016

10. Conference/ Workshop/ Seminar Organized: -

- Co-ordinator for One day workshop on Mechanics in A.Y.2012-13.
- Co-ordinator for Two day workshop on "PCB Making" in A. Y. 2013-14
- Co-ordinator for 3 days intercollege Technical Event "SPARK-TECH 2K15" under ISTE in A.Y. 2014-15
- Co-ordinator for National Conference on Technical Revolution under P&D, SPPU in A.Y. 2014-15
- Co-ordinator for Guest lecture on "Research & Patents" in A.Y. 2014-15.
- Co-ordinator for subscription of ISBN Number for national/international/proceeding in A.Y. 2013.
- Co-ordinator for Admission Receipt Center (ARC) in A.Y. 2013, 2014 & 2015.

11. Conference/ Workshop/ Seminar Attended:-

- 03 Days National Level workshop on "Wave Theory and Antenna" Sponsored by SPPU, Organised by PES's Modern College of Engineering on 23-25th Feb. 2012
- 01 Day FDP on "Mini Project and Seminar for TE E&TC Revised Syllabus 2012 Course" Jointly organized by BOS, E&TC-SPPU, & Dept. of E&TC VIIT, Pune on 17th Jan 2015
- 01 Day FDP on "Wireless Network, BE E&TC Revised syllabus 2012 Course" Jointly organized by BOS, E&TC-SPPU & Dept. of E&TC Bharati Vidyapeeth College of Engineering for Women, Pune on 9th Jan 2016
- 02 Day FDP on "Digital Image Processing, BE E&TC Revised syllabus 2012 Course" Jointly organized by BOS, E&TC-SPPU & Dept. of E&TC AISSMS College for Engineering, Pune on 11-13th June 2015.
- "Knowledge Dissemination Program on Image Texture Analysis" organized by Dept. of E&TC, MMIT College of Engineering, Pune on 21st Aug. 2015.
- EPGCON - 2012
- EPGCON - 2014
- National Level Technical Symposium for 'ROBOT EVENT' at COE, Baramati.
- A National Level Technical Symposium for 'YANTRA-ROBOTRIX' at PICT, Pune
- A National Level 'ROBO-RACER' competition at Walchand COE Sangli.
- 'OLYMPUS-09' A National Level Technical Event for

- 'WIZ-O-TECH' at COE Pandharpur
- 'INNOVATION 2K9' A National Level Technical Event for 'FIRMWARE PROJECTS' at Cummins COE, Pune
- National Level Technical Symposium for 'Concept 09' at PICT, Pune

12. Achievements / Awards/ Honor:-

- B.E. project selected for 'AVISHKAR 2008' by University of Pune, a national level event on Zonal Research Project competition for UG.
- B.E. project selected for 'IEEE DSP-DIP 2008-09 Project competition', on zonal research project competition for UG.
- "Academic Research Co-ordinator" at SPPU at APCOER.
- Achieve grant of Rs. 1,21,162/- for National Conference under Conference grant Planning & development 2015 scheme SPPU.
- Achieve grant of Rs. 1,70,000/- for Prof. Amol Maskar (Civil Dept.) under Innovation 2014 scheme SPPU.
- Achieve grant of Rs. 1,00,000 /- for Xerox machine for office under Planning & Development 2014 scheme SPPU.
- Achieve grant of Rs. 96,469/- for Sport instruments under Planning & Development 2015 scheme SPPU.

13. Collaborative/ Sponsored Research Projects (If any) :-

- Co Investigator, Under University Research Grant Scheme, Sanctioned by BCUD, SPPU, Pune of Rs. 1,20,000/- at P.E.S., Modern College of Engineering, titled "Pune Cotton Crop Disease Detection and Diagnosys Using Image Processing Technique"

14. Extra /Co-Curricular Activities:-

- Completed course of Hardware & Software Network Design (CMC LTD)
- Administrative work - AICTE, DTE & University for A.Y. 2012, 2013 & 2014.
- Establishment of
 - o Anantrao Pawar College of Engineering & Research, Parvati, Pune.
 - o Shri Shivaji Maratha College of Architecure, Aranyeshwar, Pune.
 - o Pune District Eduction Association, College of Architecure, Akurdi, Pune.

15. Membership:-

- Life Member of Indian Society for Technical Education (ISTE), New Delhi.

16. Personal Detail:-

- Permanent Address :
- Name : Pramod Sambhaji Jadhav.
- Father's Name : Sambhaji Sayaji Jadhav.
- Mother's Name : Lata
- Date of Birth : 13th of July, 1986.
- Marital Status : Married.
- Nationality : Indian.
- Languages : Marathi, English, Hindi.

17. References:-

- Dr. Anil A. Patil, Professor,
SVPMS College of Engineering, Baramati, Pune,
Contact: 9420463652, 9146034388
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- Dr. Sunil B. Thakare, Principal,
Anantrao Pawar College of Engineering &
Research, Parvati, Pune
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- Dr. Arati J. Vyavahare, Professor,
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Date:

Place:

PRAMOD S. JADHAV