

Resume



Mr. PRASAD PRADEEPRAO KANHEGAONKAR

Assistant Professor,
Computer Science & Engineering Department,
Shri Guru Gobind Singhji Institute of Engineering & Technology,
Vishnupuri, Nanded-431 606 (MS)
Email(s): ppkanhegaonkar@sggs.ac.in; prasad22.sggs@gmail.com
Phone : +91 2462 269255
Mobile: +91 7588153109

Current Designation

I am working as an Assistant Professor at [Dept of CSE, SGGSIET, Nanded](#) (Started in August 2016).

Courses Taught at SGGSIET Nanded

| Sr No | Course Code | Course Title | Duration | UG / PG |
|-------|-------------|---|-----------------------------|---------|
| 1 | UCS101 | Introduction to Computers & Programming | Aug16-Dec16 | UG |
| 2 | CS329 | Unix System Programming | Dec16-May17 and Dec17-May18 | UG |
| 3 | CS335B | Combinatorics, Probability & Statistics | Dec16-May17 | UG |
| 4 | CS441A | Machine Learning | Jul17-Dec17 and Jul18-Dec18 | UG |
| 5 | ESC107 | Programming for Problem Solving | Dec18-May19 | UG |
| 6 | PCC-NS-516 | Number Theory and Cryptography | Dec18-May19 | PG |
| 7 | PCC-CS-202 | Data Structures | Jul19-Dec19 | UG |

Education

| Sr No | Degree / Branch | Institute / University | Duration | CGPA / Percentage / Grade |
|-------|--|--|--------------------------|--|
| 1 | P.G.D.F.M. (Post Graduate Diploma in Financial Management) | Indira Gandhi National Open University, New Delhi | June 2011 to June 2014 | Point-3.28/5.00 Letter Grade-C Percentage-58.00 Second Division |
| 2 | M.E. in Computer Science & Engineering | Government College of Engineering, Aurangabad, (Under Dr. B.A.M. University, Aurangabad), Maharashtra, India | Sept. 2010 to Sept. 2012 | CGPA: 8.33 (First Class With Distinction) |

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| 3 | B.TECH. in Computer Science & Engineering | Shri Guru Gobind Singhji Institute of Engineering & Technology, Vishnupuri, Nanded, (Under S.R.T.M. University, Nanded), Maharashtra, India | Aug. 2005 to May 2009 | CGPA: 6.91 (First Class) |
| 4 | H.S.C. | <i>Saraswati Bhuwan Science College</i> , Aurangpura, Aurangabad, (Under Maharashtra State Board, Pune), Maharashtra, India | July 2004 to June 2005 | Percentage: 87.33 (First Class With Distinction) |
| 5 | S.S.C. | <i>Manik Memorial Arya High School</i> , Hingoli, (Under Maharashtra State Board, Pune), Maharashtra, India | July 2002 to June 2003 | Percentage: 82.67 (First Class With Distinction) |

- B.Tech. Thesis: “Sachet : Anomaly Based Network Intrusion Detection System”
- M.E. Thesis: “A Novel Image Steganographic Method using Octa Way Pixel Value Differencing”

Experience

| Sr No | Post Held | College / Institute | Period | Duration | Subjects Taught |
|-------|---------------------|--|----------------------------------|------------------|---|
| 1 | Lecturer | Government Polytechnic, Jalna | July 2009 to September 2009 | 3 Months | Object Oriented Programming Systems |
| 2 | Lecturer | Govt Polytechnic, Hingoli | September 2009 to September 2010 | 1 Year | Fundamentals of Computers & Programming, Introduction to C Programming, Basic Electronics |
| 3 | Assistant Professor | Gokhale Education Society's R. H. Sapat College of Engineering, Nashik | July 2012 to August 2016 | 4 Years 2 Months | Digital Signal Processing, Digital Electronics & Logic Design, Software Engineering, Microprocessor Interfacing Techniques, Design & Analysis of Algorithms, Embedded Operating Systems, Data Communication & Wireless Sensor Networks, Smart System Design & Application |

Publications

| Sr No | Title of Paper | Conference / Journal | Venue | Dates |
|-------|---|--|--|-----------------------|
| 1 | Review of Pixel Value Difference Methods in Steganography | International Conference on Recent Technologies (I-CORT) 2012 | Institute of Knowledge College of Engineering Pune | 9 to 11 February 2012 |
| 2 | A Novel Image Steganographic Method using Octa-Way Pixel-Value Differencing | International Conference on Computer Science and Information Technology (CSIT) | Bhopal | 8 July 2012 |

Training Programs Organized

| Sr No | Title of Workshop / FDP | Venue | Dates | Remarks |
|-------|--|---------------------|------------------------|----------|
| 1 | Emerging New Dimensions of Higher Education in India | GESRHSCOEMSR Nashik | 20 to 21 February 2015 | |
| 2 | Machine Learning & Applications | SGGSIE&T Nanded | 21 to 25 January 2019 | One Week |
| 3 | Probability & Statistics | SGGSIE&T Nanded | 15 to 20 March 2019 | One Week |

Expert Talks Delivered / Training Sessions Conducted as Resource Person

| Sr No | Topic of Expert Talk | Title of STTP / FDP | STTP / FDP Dates | Venue | Expert Talk Dates |
|-------|---|-----------------------------------|------------------------|--|-------------------------|
| 1 | Principal Component Analysis | Data Mining using R | 27 June to 2 July 2016 | VNIT Nagpur | 30 June 2016 |
| 2 | Basics of Machine Learning and its Applications | Data Analytics & Machine Learning | 25-29 September 2018 | Government College of Engineering, Jalgaon | 25 to 26 September 2018 |
| 3 | Decision Trees | Machine Learning & Applications | 21 to 25 January 2019 | SGGSIE&T Nanded | 25 January 2019 |
| 4 | Introduction to R Software | Probability & Statistics | 15 to 20 March 2019 | SGGSIE&T Nanded | 17 and 20 March 2019 |

Training Programs Attended

| Sr No | Title | Venue | Duration | Remark |
|-------|---|------------------|------------------------|------------|
| 1 | "Internet of Things" | MNIT Jaipur | 18 to 22 June 2018 | (One Week) |
| 2 | "ANN & Deep Learning" | MNIT Jaipur | 11 to 15 June 2018 | (One Week) |
| 3 | "AI & Machine Learning" | MNIT Jaipur | 4 to 8 June 2018 | (One Week) |
| 4 | "Computer Networks" | SGGSIE&T, Nanded | 12 to 16 March 2018 | (One Week) |
| 5 | "Cyber Security" | SGGSIE&T Nanded | 6 to 10 March 2018 | (One Week) |
| 6 | "Essentials of Neural Network and Fuzzy Logic" | SGGSIE&T, Nanded | 18 to 22 December 2017 | (One Week) |
| 7 | "Big Image Data Processing using Machine Learning Algorithms" | NIT Warangal | 11 to 16 December 2017 | (One Week) |

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| 8 | "Machine Learning & High Performance Computing" | SGGSIE&T, Nanded | 9 to 10 March 2017 | |
| 9 | "Deep Learning and Applications" | IIT Kanpur | 12 to 16 January 2017 | (One Week) |
| 10 | "Coding Theory & Cryptography" | SGGSIE&T, Nanded | 26 to 31 December 2016 | (One Week) |
| 11 | "Data Mining using R" | VNIT Nagpur | 27 June to 2 July 2016 | |
| 12 | "Digital Signal Processing" | VNIT Nagpur | 5 to 7 March 2016 | |
| 13 | "Importance of Statistics & Design of Experiments in Engineering" | VNIT Nagpur | 18 to 22 January 2016 | (One Week) |
| 14 | "Fundamentals of Writing a PHD. Thesis" | GESRHSCOEMSR Nashik | 9 January 2016 | |
| 15 | "Smart System Design & Applications" | JSPM Narhe Pune | 17 July 2015 | |
| 16 | "Programming Laboratory - III" | G H Rasoni Institute of Engg &Tech Pune | 26 to 27 December 2014 | |
| 17 | "Computer Laboratory - II" | Pune | 2014 | |
| 18 | "Digital Electronics & Logic Design" | VIIT Pune | 27 July 2013 | |
| 19 | "LaTeX" | GESRHSCOEMSR Nashik | 13 to 14 July 2013 | |

Membership Details

| Sr No | Details |
|-------|--|
| 1 | Life member Indian Society for Technical Education (ISTE), New Delhi. (Membership number : LM68294) |

Administrative Experience / Responsibilities Shouldered (at SGGSIE&T Nanded)

| Sr No | Responsibility | From | To |
|-------|-------------------------------------|-----------|-----------|
| 1 | Class Coordinator - BTech(CSE) | June 2018 | June 2019 |
| 2 | Class Coordinator - SYBTech(CSE) | July 2019 | Till Date |
| 3 | Lab Incharge - Machine Learning Lab | May 2017 | Till Date |

Other Activities/Responsibilities

1. Member of Department Academic Council, CSE Dept, SGGSI&T, Nanded, Aug 2016 Onwards
2. Worked as Institute Level Coordinator for AICTE, DTE, NIRF, etc, Aug 2016 Onwards
3. Member of departmental purchase committee for Procurement through GEM portal
4. Worked as member in PHD interview process for IRSS Scheme
5. Worked in Farewell committee

Other Responsibilities / Activities at GES R H Sapat COE MSR Nashik (during July 2012 to August 2016)

1. Worked as external senior supervisor for university theory exams at Late G N Sapkal College of Engineering, Nashik under Savitribai Phule Pune University
2. Worked as external examiner for practical exams
3. Worked as Lab incharge for ELearning Lab
4. Worked as Time Table Coordinator
5. Worked as Rector of Boys Hostel

Research Area of Interest

Parallel Computing, Computer Vision, Machine Learning & Deep Learning

Masters Thesis (MTech - CNIS) Guided

| Sr No | Name of the Research scholar | Title of the thesis | Status | Year |
|-------|------------------------------|---|-----------|------|
| 1 | Katik Bagade | ADAS : Automated Driver Assistance System | Completed | 2019 |

MTech Seminars Guided

| Sr No | Name of the Research scholar | Title of the thesis | Status | Year |
|-------|------------------------------|--|-----------|------|
| 1 | Vaibhav Supe | Fingerprint Recognition System Using Bozorth3 Algorithm For The Traffic Police | Completed | 2017 |
| 2 | Katik Bagade | Intrusion Detection System using Deep Learning | Completed | 2018 |
| 3 | Akshay Gujar | Intrusion Detection System in Cloud Environment | Completed | 2019 |

BTech Projects Guided

| Sr No | Name of the Student | Title of the thesis | Status | Year |
|-------|--|---|-----------|------|
| 1 | Nikhil Choudhari | Android App for Educational Institutes | Completed | 2019 |
| 2 | Priya Bhusalwad Supriya Sawant | Fingerprint Recognition and liveness Detection | Completed | 2019 |
| 3 | Kaustubh Joshi Rohit Katariya Kalpana Dhonde | Indoor Scene Understanding by Scene Classification and Object Detection | Completed | 2019 |

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| 4 | Sanskriti Dongare Dipti Chavare Ashwini Pawar | A Neural Representation of Sketch Drawings | Completed | 2019 |
| 5 | Renuka Pailwan Vaishali Nirude | Multi purpose web portal using PHP, Laravel | Completed | 2018 |
| 6 | Abhinav Shukla Krishna Bhandari | Recognizing speed limit on speed limit signs by using convolutional neural networks | Completed | 2018 |
| 7 | Ranjit Ubale | Clinic Management System (web portal) | Completed | 2018 |
| 8 | Dnyaneshwar Ghuge | IB Enterprise Resource Planning | Completed | 2018 |