

## RESUME

**Full Name:** Kalpana Ramesh Sarode

**Designation :** Assistant Professor, Information Technology  
Govt. College of Engineering, Aurangabad.



**Email Address:** klpsarode@rediffmail.com

**Contact No. :** 9421003929

### **Educational Qualification:**

<b>Academic Qualification</b>	<b>Board/university</b>	<b>Year of passing</b>	<b>Marks (in %)</b>	<b>Class Awarded</b>
M.Tech(CSE)	RGPV Bhopal	2007	71.07	First
BE (Computer Engg.)	NMU, Jalgaon	1998	68.66	Distinction
Diploma in Computer Engg.	MSBTE	1995	67.64	First
HSC	Pune	1992	74.17	First
SSC	Pune	1990	84.42	Distinction

**Total teaching Experience:** 8 years

**Area of Interest:** Image Processing, Biometrics, Data Mining, Machine Learning

### **Subjects Taught:**

Computer Organization, C Programming, Digital Electronics, Microprocessor and Microcontroller Interfacing (8085, 8086, 8051), Computer Networks, Computer Graphics, Software Engineering, Financial & Management Information System, Data Mining, , Advanced Computer Architecture, Advanced Computer Networks.

### **Portfolios handled:**

- Worked as Paper Setter/Examiner for B.E. (Computer Engg. ) B.Tech Computer
- Worked as Paper Setter/Examiner for B.E. /B.Tech (Information Technology)
- Worked as BOS member/Member Secretary

- Worked as Departmental Grade Moderation Committee Incharge
- Worked as Departmental Examination Controller.
- Worked as departmental T&P co-ordinator.
- Worked in syllabus Setting committee to set the syllabus for BE/B.Tech(Computer , Information Technology).
- Worked as Project /Seminar guide and coordinator for BE/B.Tech (Computer, Information Technology)
- Worked in NBA activities
- Worked in Autonomy activities
- Worked as Internal/External Examiners for practical Examinations.
- Worked as MIS/Data Audit Incharge
- Worked as Purchase Committee Member
- Worked in interview committee for visiting /contract faculty
- Worked at ARC centres for FE Engineering, Direct second Year/Architecture/MBA/MCA/ME/M.Tech Admissions
- Worked as Master Trainer in Vidhansabha /Grampanchayat Elections.

### **Publications:**

- 1.“Iris Recognition system”, K.R.Sarode, Prof. A.K.Sachan, National conference on Emerging Technologies and Applications ETA-2006 Sangali
- 2.“Efficient Iris Recognition System” ,K.R.Sarode, Prasad Chaudhari.J.T.Mahajan College of Engineering,Faizpur. RTIT-2006.
- 3.“Biometric Authentication”K.R.Sarode,Prof. A.K.Sachan ,PravaraInterational conference on Emerging Trends in Engineering PICETE-2008
4. “Handwritten Digits Recognition Special Point”,P.P.Chaudhari, K.R.Sarode International Journal of Advanced Research in Computer Science and Software Engineering Vol 4, Issue 3, March 2014 ISSN:2227128X pages 1467-1470
- 5.“Devnagari Handwritten Numeral Character Recognition”, International Journal of Scientific research in Computer Science Applications and Management studies Vol.3,Issue 2, March 2014 ISSN 2319 – 1953

6. "Offline Handwritten Character Recognition by using Grid Approach", International Journal of Application or Innovation in Engineering & Management , Vol.3, Issue 4, April 2014 ISSN 2319-4847 pages 71-73.

7. "Zigbee based Agricultural Monitoring and Controlling System" K.R.Sarode , Dr.

P.P.Chaudhari. International Journal of Engineering Science and Computing. ISSN 2321 3361, 2018 IJESC.Vol.8 Issue No.1 pages 15907-15910

### **Trainings Attended:**

1. Engineering Optimization and its Applications,(Under TEQIP-II) ,Government College of Engineering, Aurangabad, 25-29 June 2012 **(1 week)**

2. Advances in Signal and Image Processing (Under TEQIP-II), Government College of Engineering, Jalgaon,26-30 Nov.2012**(1 week)**

3. Recent Trends in Computer Networking (Under TEQIP-II), Government College of Engineering, Jalgaon,03-07 Dec 2012**(1 week)**

4. Research Methodology(Under TEQIP-II),Government College of Engineering, Jalgaon, 16-20 March 2013**(1week)**

5. Mathematical and Statistical approaches in Engineering Applications(Under TEQIP-II), Government College of Engineering, Jalgaon, 26-30 Dec 2013**(1 week)**

6. ISTE sponsored Computer Programming, SSGB Bhusawal,11-21 June 2014 **(2 weeks)**

7. STP – Foundation Training For Class - I Officers, YashwantraoChavan Academy of Development Administration, Pune, 16 Feb - 27 March 2015**(6 weeks)**

8. Hydrological modeling using open source Geospatial techniques(Under TEQIP-II), Government College of Engineering, Aurangabad, 27-31 October 2015**(1 week)**

9. Pedagogy to Synergogy(Under TEQIP-II), Government College of Engineering, Aurangabad, 07 -11 Dec 2015**(1 week)**

10. Foundation Skill in information Technology, Government College of Engineering, Jalgaon, 22-27 August 2016**(1 week)**

11. Biomedical Image Analysis(GIAN), IIT Rookee, 9-13 Jan 2017**(1 week)**

12. Enhancement of Quality of Technical Education through Industry, Institute Interaction Government College of Engineering, Aurangabad, 30 Jan-3 Feb2017**(1 week)**

13. Signal and Image Processing, Government College of Engineering(Under TEQIP-II), Aurangabad, 6-10 Feb 2017**(1 week)**

**14.** Green IOT Computational Methodology and Automation(Under TEQIP-II), Government College of Engineering, Jalgaon 20-24 March 2017(**1 week**)

**15.** "Foundation Program in ICT for Education- FDP101x “ IIT Bombay, 3Aug 2017 to 7 Sept 2017 (**2 Week**)

**16.** "Pedagogy for Online and Blended Teaching-Learning Process- FDP201x –“, IIT Bombay, 14 Sept -12 Oct 2017 (**2 week**)

**17.** ”Machine Learning: The Journey of Transformation Technology”, JNEC Aurangabad, 3-7 July 2018

**18.**”Data Analytics and Machine Learning”(Under TEQIP-III), Government College of Engineering & Government College of engineering, Kalahandi, Bhawanipatna, Odisha.,15-19 Sept. 2018.

### **Conference/ Workshops Attended:**

**1.**State Level Conference on “Curriculum development-2012,under TE-QIP II, Government College of Engineering, Jalgaon, 6-7 Oct 2012

**2.**Big Data Analysis-Foundation,under TE-QIP II, 10-11 Dec 2014

**3.**Workshop on NBA Preparation, Engineering Staff College of India, Government College of Engineering, Aurangabad, 20-21 Dec 2014

**4.** LaTeX-A Document Preparation software,TE-QIP II, 14-15 Nov 2016

**5.** Intellectual Property and Patent Lifecycle Management, TE-QIP-II Government College of Engineering, Aurangabad, 23 Jan 2017

### **DECLARATION**

I hereby declare that the information stated above is true and correct to the best of knowledge.

**Kalpana Ramesh sarode**  
**Assistant Professor, IT**