

Name **MR. DEVEN KETKAR**

Designation Assistant Professor and System Head, FAMT

Department IT

Date of Joining the Institute 15/07/2012

Education M.E (Electronics),2015

B.E (Electronics), FAMT, 2012

Diploma (Electronics and communication),
GPR, 2008

Branch / Specialization Electronics, Information Technology

Areas of Interest Data Mining, Image processing and Neural network, Machine learning, Analog and Digital communication, computer graphics

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Personal Homepage link NA



Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 15/07/2012 to till date	Assistant Professor
Total Experience – 6 Years		

Awards / Honors / Prizes

1. Successfully completed a 12 week online NPTEL certification course on **“Analog Communication”**.
2. Participated in national level competition (final round) **“Smart India Hackathon 2017”** organized by AICTE and MHRD at Nagpur.
3. **Silver medal in M.E (Electronics) 1st year.**

Seminars/Lecture/Invited Talks Conducted

1. Invited for a special talk on **“ Career Opportunities in Engineering”** at ratnagiri radio Station
2. Conducted 2 days guest lecture on **“Cloud Computing”** at GIT, Lavel, khed on 19th and 20th October 2016.

Papers Published

Papers Presented/Published in National / International Journals

International Journals – 08

1. Paper titled "**Comparative Study of Heart Disease Prediction Using Naïve Bayes and Linear Regression**" published in IJETSR (ISSN: 2395-1052).
2. Paper titled "**DWT based Contrast and Resolution based Approach**" published in IJLTET (ISSN: 2278-627X).
3. Paper titled "**An Analysis of Students Opinions on Social Networking Site for Understanding Student's Learning Practices**" published in IJEDR (ISSN: 2321-9939).
4. Paper titled "**Heart Disease Prediction Using Data mining Techniques**" published in IJETSR (ISSN:2394-3386).
5. Paper titled "**Email classification using back propagation algorithm**" published in IJRISE (ISSN: 2394-8299).
6. Paper titled "**Real time object counting using raspberry pi**" published in IJRISE (ISSN: 2394-8299).
7. Paper titled "**Brain Tumor Classification into Normal and Abnormal Using PCA and PNN Classifier**" published in IJEDR (ISSN: 2321-9939).
8. Paper titled "**Recognition of Image using Principal Component Analysis**" published in IJLTET (ISSN: 2278-621X).

Papers Presented/Published in National/ International Conferences

International Conferences – 05

1. Paper published titled "**Comparative Study of Brain Tumour Classification Using SVM and PNN Classifier.**" in International Conference on Emerging Trends in Science Technology and Management (**ICETST**) at Sonipat, Haryana on 13th April 2018.
2. Paper published titled "**Heart Disease Prediction Using Data mining Techniques**" in International Conference on Science Technology and Management (**ICSTM**) at Hyderabad on 15th October 2017.
3. Paper published titled "**Email classification using back propagation algorithm**" in International Conference on Emanations in Modern Technology & Engineering (**ICEMTE**) at Mira road, Mumbai in march 2017.
4. Paper published titled "**Real time object counting using raspberry pi**" in International Conference on Emanations in Modern Technology & Engineering (**ICEMTE**) at Mira road, Mumbai in march 2017.
5. Paper published titled "**Classification of brain tumors using principal component analysis (PCA) and pnn classifier**" in International Conference on Software Technology and Computer Engineering (ICSTACE) at Bangalore on 17th March 2015.

National Conferences – 01

1. Paper presented titled **“An auditory vision: An indoor navigation mobile application for blind”** at 2nd National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17th and 18th February 2016.

Number of Workshops, Seminars, STTPs, FDPs Attended – 12

STTPs and FDPs

1. Attended and coordinated a seminar on **“Block chain and Ethereum”** in IT department, FAMT.
2. Attended an international seminar on **“Intelligent Computing for Future Internet”** organized by Government College of Engineering, karad on 19th-20th January 2018.
3. Completed **“Faculty development program in ICT for education”** and **“Pedagogy for online and blended teaching learning process”** organized by IIT, Bombay.
4. Completed **Faculty Development Program (FDP)** on **“Career Opportunities and Self Dependence”** organized by ITSA and Lemures Technologies on 23rd September 2016.
5. Attended two week ISTE STTP on **“Introduction to Design of Algorithms”** conducted by IIT kharagpur from 25th May to 30th May 2015.

Conferences and Seminars

6. Attended 2nd **National Conference on Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17th to 18th February 2016.

Two Week or One Week Workshops

7. Attended One week workshop on **“Funding schemes available for research proposal”** organized by FAMT, Ratnagiri from 13th Feb 2017 to 23rd April 2017.
8. Attended two week ISTE workshop on **“Control systems”** conducted by IIT kharagpur from 2 December 2014 to 12 December 2014.
9. Attended two week ISTE workshop on **“Analog electronics”** conducted by IIT kharagpur from 4 June to 14 June 2013.
10. Conducted two week ISTE workshop on **“Database Management Systems”** conducted by IIT Bombay from 21st may 2013 to 31st may 2013 as a teaching assistant.

Workshops

- 11.** Conducted and attended two days' workshop on **Android Chatting Development Application (Make a Whatsapp)** in Finolex college Ratnagiri, organized by ITSA, Lemures Technology and IEEE, Delhi on 24th and 25th September 2016.

- 12.** Conducted and attended two days' workshop on **Advanced cloud computing** in Finolex college, Ratnagiri , organized by ITSA, Lemures Technology and IEEE, Delhi.

Professional Membership

NA

College Exam Duties

1. Worked as an **Assistant CAP coordinator** for the 2015 paper assessment at **FAMT CAP**.

Other Experience

College Level Committees

1. Worked as a **System Head** in Finolex Academy of Management and Technology, Ratnagiri.
2. Worked as an **Information Technology Student's Association (ITSA)** head in IT department.
3. Worked as a **Member** of college E-magazine Committee.
4. Worked as a **sponsorship committee member** in 2nd National Conference on "**Recent Advances in Science and Technology**"

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Computer graphics and virtual reality	T.E IT (Sem V)	1 Year
2.	Structured Programming Approach	F.E (Sem-II)	1 Year
3.	Data mining and business intelligence	T.E IT (Sem - VI)	2 Year
4.	Object oriented programming methodology	S.E Electrical and EXTC (Sem - III)	1 Year
5.	Cloud Computing	B.E IT (Sem - VII)	1 Year
6.	Operating system	T.E EXTC (Sem - VI)	1 Year
7.	Database and information retrieval system	S.E Mechanical (Sem - IV)	1 Year
8.	Fundamentals of communication engineering	S.E Electronics (Sem - IV)	1 Year
9.	Digital communication	T.E Electronics (Sem - V)	1 Year
10.	Robotics and automation	B.E Electronics (Sem-VIII)	1 Year

