

Name MR. RAVINDRA V. KERKAR
B.Sc.(Computer Science), MCA

Designation Assistant Professor

Department M.C.A.

Date of Joining the Institute 02/05/2009

Education B.Sc.(Computer Science), SRM, 2005
M.C.A., FAMT, 2008

Branch / Specialization Computer Application

Areas of Interest C++ Programming, Core and Advanced Java Programming, Advanced Web Technologies and Artificial Intelligence

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Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 02/05/2009 to till date	Assistant Professor

Total Experience – 8.8 Years

Awards / Honors / Prizes

1. Achieved **Elite Certification** in **Eight Week** NPTEL Online Certification Course on “**Programming in C++**” conducted by **Indian Institute of Technology Kharagpur** from Jul 2017 to Sep 2017.
2. Completed **Eight Weeks workshop** on “**SKANI 101x: Basic 3D animation using Blender**” a course of study offered by IITBombayX , an online learning initiative of Indian Institute of Technology Bombay from 18 February - 14 April 2016 **successfully with 70%**.
3. **Secured A Grade** in **VB.NET Programming** course at Seed Infotech Ltd., Pune and achieved **Microsoft Certificate of Achievement** in July 2007.

Students projects Guided at Masters Level

1. **DroidEMS** (Android based Event Management System).
2. Android and windows phone application, and website "**Aaryak Location Tracker System**".
3. Android application for "**Patient Health Diary & Medication, Appointment Scheduler**".
4. **Developer Friendly Operating System** - Linux Operating System.
5. GPS based android application "**Maharashtra Guide**" for tourist.
6. **Btrfs** ("B-tree file system") **Test Suit Project**.

Seminars/Lecture/Invited Talks Conducted

1. Conducted Seminar on the subject "**Career Planning with MCA**" in 06th February 2017 at Sant Rawool Maharaj Mahavidyalay, Kudal.
2. Conducted Seminar on the subject "**Career Planning with MCA**" in 09th February 2017 at Sawarde Science College, Sawarde.
3. Conducted One day seminar on "**Bootstrap**" organized by Sant Rawool Maharaj Mahavidyalaya, Kudal, Sindhudurg on 11th January 2017.
4. Conducted Seminar on the subject "**MCA Awareness Program**" in 2015 in various colleges in Sindhudurg and Ratnagiri districts.
5. Conducted Seminar on the subject "**MCA Awareness Program**" on 12th February 2015 in Various Colleges in Kolhapur and Sangli District.
6. Conducted Seminar on the subject "**MCA Admission and Career Guidance**" in January 2014 in Gogate Walke College of Art, Commerce, Computer Science, Panval, Banda, Dist – Sindhudurg.
7. Conducted Seminar on the subject "**MCA Admission and Career Guidance**" in January 2014 in Maharshi Karve College of BCA, Shirgaon, Dist - Ratnagiri.
8. Conducted Seminar on the subject "**JEE**" under **the JEE Awareness Program** on 26th Nov 2013 at Kasal Junior College, Tal-Kudal, Dist – Sindhudurg.
9. Conducted Seminar on the subject "**MCA Entrance Exam Preparation**" on 10th Feb 2010 at Sant Rawool Maharaj Mahavidyalay, Kudal.
10. Conducted Seminar on the subject "**MCA Admission and Career Guidance**" on 9th Feb 2010 at Br. Khardekar Mahavidyalay, Vengurla.

Papers Published

Papers Presented/Published in National / International Journals - 02

International Journals – 02

1. Paper titled **“Overview of BIG DATA and HADOOP”** published in ASIAN JOURNAL OF CONVERGENCE IN TECHNOLOGY (AJCT ISSN No.: 2350-1146).
2. Paper titled **“Ransomware: A Cyber Extortion”** published in ASIAN JOURNAL OF CONVERGENCE IN TECHNOLOGY (AJCT ISSN No.: 2350-1146).

Papers Presented/Published in National/ International Conferences - 02

National Conferences – 02

1. Paper presented titled **“Overview of BIG DATA and HADOOP”** 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.

Paper Published in Proceeding of Conference ISBN: 978-93-83046-31-7, pp.250-254

1. Paper Presented title **“Ransomware: A Cyber Extortion”** for two days National Conference on **“Recent Advances in Science and Technology”** organized by Finolex Academy of Management and Technology, Ratnagiri. Paper Published in ISBN: 978-93-83046-31-7, “RAST 2k16”.

Paper Published in Proceeding of Conference ISBN: 978-93-83046-31-7, pp.230-234

Number of Workshops, Seminars, STTPs, FDPs Attended – 20

STTPs and FDPs

1. Completed **Eight Week** NPTEL Online Certification Course on **“Programming in C++”** conducted by **Indian Institute of Technology Kharagpur** from Jul 2017 to Sep 2017.
2. Attended **Four Week** AICTE approved **Faculty Development Programme (FDP)** on **“Use of ICT in Education for Online and Blended Learning”** conducted by **Indian Institute of Technology Bombay** from 02nd May 2016 to 10th July 2016
3. Attended **Eight Weeks** workshop on **“SKANI 101x: Basic 3D animation using Blender”** a course of study offered by **IITBombayX**, an online learning initiative of **Indian Institute of Technology Bombay** from 18th February – 14th April 2016.
4. Participated in **“Deep Dive Faculty Enablement Program”** held at **Infosys Technologies Ltd, Pune**, from 22nd June – 25th June 2010, conducted by Infosys Technologies Limited.

Conferences and Seminars

5. 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
6. Attended **National Seminar** Under QIP of University of Pune, INVENTION-2010 on **"Information technologies scope in the corporate world"** at Dr.Moonje Institute of Management and Computer Studies, **Nashik, 16th Jan 2010.**

Two Week or One Week Workshops

7. Attended **One Week** AICTE workshop on **'Funding Schemes Available for Research Proposal'** Organized by Research, Development and Consultancy Cell, Finolex Academy of Management and Technology, Ratnagiri from 13th February to 23rd April 2016.
8. Attended **Two Week** ISTE workshop on **'Designs of Algorithm'** Conducted by IIT Kharagpur under the National Mission on Education through ICT from 27th April 2015 to 30th May 2015
9. Attended **Two Week** ISTE workshop on **'Computer Programming'** Conducted by IIT Bombay under the National Mission on Education through ICT, from May 20th, 2014 to June 21st, 2014.
10. Attended **Two Week** ISTE workshop on **'Database management systems'** Conducted by IIT Bombay 21st May to 31st May, 2013 - under the National Mission on Education through ICT (MHRD).

Workshops

11. Attended **Three Days** workshop on **"Data Analysis and Big Data, Big Data Tools installation and Administration"** organized by Deccan Education Society's Navinchandra Mehta Institute of Technology and Development (NMITD), Dadar, Mumbai, from 07th September 2015 to 09th September 2015.
12. Attended **One day** Workshop on **"Xploit –Advanced Ethical Hacking and Exploitation"** conducted by Kyrion Digital Securities (P) Ltd. in association with **IIT Khargapur**, on 10th February 2013 at Finolex Academy of Management and Technology, Ratnagiri.
13. Attended **Two Days** ISTE Workshop for Teachers on **"Aakash for Education"** Conducted by IIT Bombay on 10th and 11th November, 2012 - under the National Mission on Education through ICT (MHRD).
14. Attended **Two Days** Workshop on **"PHP Technology"** Organized by Dept. of MCA, Finolex Academy of Management and Technology, Ratnagiri, from 15th September to 16th September 2012.
15. Attended **One day** Workshop on **"Credit Based Grading System (CBGS)"** conducted jointly by University of Mumbai & Dr. G. D. Pol Foundation YMT College of Management, Mumbai on 24th August 2012.

16. Attended **Three Days** National Level Workshop on “**Android Application & Game Development Fundamentals**” Organized by Finolex Academy of Management and Technology, Ratnagiri held from 11th July to 13th July 2012.
17. Attended Departmental **One day** Workshop on “**Data Mining**” organized by Finolex Academy of Management and Technology.
18. Attended **one day** Workshop on “**Open Source Database Technology**” organized by I²IT Pune at Finolex Academy of Management and Technology, Ratnagiri, on 29th March 2010.
19. Attended **one day** workshop on “**PHP Technology**” organized Department of MCA, FAMT, Ratnagiri, on 22nd September 2007.

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

College Exam Duties

1. Worked as an **Assistant CAP coordinator** for MCA paper assessment at **Second Half of 2015 FAMT MCA-CAP**.
2. Worked as an **Assistant CAP coordinator** for MCA paper assessment at **First Half of 2013 FAMT MCA-CAP**.
3. Worked as a **Senior Supervisor** for **MCA at First Half of 2012 Exam**.
4. Carried out exam related duties such as **Paper Setter, Moderator, Examiner and External Examiner** for conducting practical and oral exam as pointed by Board of Examination, Mumbai University.

Other Experience

College Level Committees

1. Working as **Teacher in charge** of **SAM (Students association of MCA)** from 2016 to till date.
2. Working as a **MCA Department Coordinator** of **Website Administration committee (WAC)** of Finolex Academy of Management and Technology, Ratnagiri from 2016 to till date.
3. Working as a **Member** of Admission Committee for MCA Admission.
4. Working as a **Member** of E-magazine Committee.
5. Worked as **Workshop Coordinator** for MCA Department.

6. Working as a **MCA Department Coordinator** for **NAAC Criteria 7 committee** of Finolex Academy of Management and Technology, Ratnagiri.
7. Worked as **team member** for "**Open Day execution**" for Engineering and MCA on 1st January 2016 at Finolex Academy of Management and Technology, Ratnagiri.
8. Worked as **Departmental Faculty In Charge for IBM MOU**.
9. Worked as **organizing committee member** in 2nd National Conference on "**Recent Advances in Science and Technology**" organized by Finolex Academy of Management and Technology, Ratnagiri during 17th February to 18th February 2016.
10. Worked as **departmental organizing committee member** in 2nd National Conference on "**Recent Advances in Science and Technology**" organized by Department of MCA during 17th February to 18th February 2016.
11. Worked as **MCA team member** NBA-2010 and NBA-2011 preparation Committee of MCA Department.
12. Working as **MCA team member** for NAAC preparations Committee of MCA Department from 2015 to till date.
13. Worked as a **Co-convener** for the setting the syllabus of the following subjects:
 - o MCA302- Java Programming- Sem III (CBCGS) (**MCA – Mumbai University**)
 - o MCAL302 – Java Programming and Unified Modeling Language Lab (**MCA – Mumbai University**)
14. Attended faculty meeting of MCA for the **Syllabus Revision for M.C.A. – SEM I & SEM II (CBCGS)** on 22nd July, 2016 at **Thakur Institute of Management Studies Career Development & Research, Kandivali, Mumbai**.
15. Designed **personal website** to create web presence and to provide Online Educational Resource (OER) to students of MCA. Flipped classroom creation using personal website, Moodle and YouTube. (<https://ravindrakerkar.wordpress.com/>).

Workshop / Seminar / Program / Event Coordinated

16. Worked as an **Program Coordinator** for **Student- Industry Expert Interaction program** on "**Overview of Career in SAP**" organized by Department of MCA, FAMT, Ratnagiri on 25th November 2017.

17. Worked as an **Program Coordinator** for **Student- Alumni Interaction program** organized by Department of MCA, FAMT, Ratnagiri on 23rd September 2017.
18. Worked as an **Program Coordinator** for **Student- Alumni Interaction program** organized by Department of MCA, FAMT, Ratnagiri on 16th September 2017.
19. Worked as a **Workshop Coordinator** for **One Day Workshop** on **“Responsive WebDesigning using Bootstrap”** organized by Department of MCA on 09th September 2017.
20. Worked as an **Program Coordinator** for **Student- Alumni Interaction program** organized by Department of MCA, FAMT, Ratnagiri on 07th August 2017.
21. Worked as an **Event Coordinator** for organizing Event on **“World Sparrow Day”** on 21st March and 25th March 2017 and organized Presentation and Drawing competition for 07th and 08th standard students of Schools in Ratnagiri city area.
22. Worked as a **Workshop Coordinator** for **Two Days Workshop** on **“Python”** organized by Student Association of MCA department on 17th February 2017 to 18th February 2017.
23. Worked as a **Coordinator** for **“SEED IT Idol 2017 Competition’s First Round”** conducted by SEED Infotech Ltd., Mumbai on 15th February 2017 at FAMT, Ratnagiri.
24. Worked as a **Program Coordinator** for **Industry Institute Interaction Seminar** on **“Sales Force Automation”** organized by Department of MCA, FAMT, Ratnagiri on 07th November 2017.
25. Worked as an **Event Coordinator** for **Three Days** Technical Event named as **“Excellentia 2k16”** organized by Student Association of MCA department from 27th September to 29th September 2016.
26. Worked as a **Workshop Coordinator** for **One Day** Workshop on **“Cyber Forensic”** organized by Student Association of MCA department on 25th September 2016.
27. Worked as a **Program Coordinator** for **One Day** program on **“Orientation Welcome Function”** for First Year MCA Students organized by Student Association of MCA department on 12th August 2016.

28. Worked in the **Support Service for Session Coordinator** of **One Week** Training the Trainer (TTT) program on **“Foundation Skill in Information Technology”** organized at Finolex Academy of Management and Technology, Ratnagiri from 02nd May to 07th May 2016.
29. Worked as an **Event Coordinator** for organizing Event on **“World Sparrow Day”** on 21st March and 22nd March 2016 and organized Presentation and Drawing competition for 07th and 08th standard students of Schools in Ratnagiri city area.
30. Worked as an **Event Coordinator** for organizing Event on **“Importance of World Water Day and how to save water”** on 22nd March 2016 at FAMT, Ratnagiri.
31. Worked as a **Workshop Coordinator** for **Three Days** Workshop on **“Web Development using PHP”** organized by Student Association of MCA department from 14th December 2015 to 16th December 2015 for Students of BSc(Computer Science), BSc(IT) and BCA Students of various colleges in Sindhudurg and Ratnagiri district at FAMT, Ratnagiri.
32. Worked as a **Workshop Coordinator** for **Three Days** Workshop on **“Web Development using PHP”** organized by Student Association of MCA department from 08th December 2015 to 10th December 2015 for MCA students at FAMT, Ratnagiri.
33. Worked as a **Workshop Coordinator** for **One Day** Workshop on **“How to Write Research Paper”** organized by department of MCA from 2nd December 2015 at FAMT, Ratnagiri.
34. Worked as a **Workshop Coordinator** for **One Day** Workshop on **“Cybersecurity”** organized by department of MCA from 17th October 2015 at FAMT, Ratnagiri.
35. Worked as a **Workshop Coordinator** for **Two Days** Workshop on **“Introduction to BootStrap”** organized by Student Association of MCA department from 23rd August 2014 to 24th August 2014 at FAMT, Ratnagiri.
36. Worked as a **Workshop Coordinator** for **Two days** Workshop on **“Xploit –Advanced Ethical Hacking and Exploitation”** by Student Association of MCA department and

conducted by Kyrion Digital Securities (P) Ltd. in association with **IIT Khargapur**, from 09th February to 10th February 2013.

37. Worked as a **Workshop Coordinator** for **Two Days** Workshop on **“PHP”** organized by Student Association of MCA department from 15th September 2012 to 16th September 2012.

Judge Panel / Staff Selection Committee / Subject Expert

1. Worked as a **Judge** for **National Level Technical Paper Presentation Event of Brainwaves 2k14** organized by Finolex Academy of Management and Technology, Ratnagiri held during 7th – 8th March 2014.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Core and Advanced JAVA	S.Y.MCA (Sem - IV)	5 Years
2.	JAVA Programming	S.Y.MCA (Sem - IV)	1 Year
3.	Object Oriented Programming with c++	F.Y. MCA (Sem - I)/ S.Y.MCA (Sem –III)	5 Years
4.	Advanced Web Technologies	T.Y. MCA (Sem –V)	2 Years
5.	Database Management System	S.Y.MCA (Sem –III)	1 Year
6.	Software Engineering and Project Management	F.Y.MCA (Sem - I)	1 Year
7.	Software Engineering	F.Y.MCA (Sem - I)	1 Year
8.	Software Quality Assurance	T.Y. MCA (Sem –V)	2 Years
9.	Operating System	F.Y.MCA (Sem - II)	2 Years
10.	Management Information System	S.Y.MCA (Sem –III)	2 Years
11.	Object Oriented Modeling & Design using UML	S.Y.MCA (Sem - IV)	1 Year