

**Name** **Mr. RAVINDRA VISHNU KERKAR**  
**B.Sc. (Computer Science), M.C.A**

**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 / Research Interest** Blockchain, Data Science and IoT,  
Web Development

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**Personal Homepage link** <https://ravindrakerkar.wordpress.com/>



### **Academic Appointments**

<b>Name of the University / Institute/ Industry</b>	<b>Duration</b>	<b>Designation</b>
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 02/05/09 to till date</b>	<b>Assistant Professor</b>

**Total Experience – 14 Years**

### **Awards / Honors / Prizes**

1. Achieved **Elite Certification** in 12 Week NPTEL Online Certification Course on “**Cyber Security and Privacy**” conducted by **Indian Institute of Technology, Madras** from July 2023 to Oct 2023.
2. Successfully completed **AICTE approved** Training program on **Innovation Ambassador Training - Advanced Level**” conducted in online mode by **MoE's Innovation Cell & AICTE** during the IIC calendar year 2021-22.
3. Successfully completed **AICTE approved** Training program on **Innovation Ambassador Training - Foundation Level**” conducted in online mode by **MoE's Innovation Cell & AICTE** from 30/06/2021 to 30/07/2021 during the IIC calendar year 2021-22.

4. Achieved **Elite plus Gold Certification with 90% score** in 12 Week NPTEL Online Certification Course on "**Programming in JAVA**" conducted by **Indian Institute of Technology, Kharagpur** from July 2019 to Oct 2019. Topper in Top 5%.
5. Received **Letter of Appreciation** for continuous support and contribution towards building the innovation and entrepreneurship culture development in FAMT, Ratnagiri campus during the academic year 2021-22 from **Ministry of Educations Innovation Cell, Government of India**.
6. Achieved **Elite Certification with 81% score** in Twelve Week **NPTEL Online Certification Course** on "**Introduction to Internet of Things**" conducted by **Indian Institute of Technology, Kharagpur** from July 2018 to Oct 2018.
7. Research paper titled "**Ransomware: A cyber extortion**" published in Asian Journal of Convergence in Technology, Volume II Issue III has 44 citation, one h-index and one i-10 index in Google Scholar.
8. 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.
9. **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 PG/Doctoral Level

##### Projects Guided at PG 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**.

## Papers Published

### Papers Published in National / International Journals - 04

#### International Journals – 04

1. Paper titled "**Covid - 19 Authorized Entry System**" published in Science, Technology and Development Journal Multidisciplinary Journal- Volume X, Issue XII, December **2021**, ISSN No: 0950-0707, Impact Factor – 6.1
2. Paper titled "**IoT Based Intelligent Irrigation System Using Intel Edison and Fuzzy Inference System**" published in International Journal of Computer Sciences and Engineering, Vol.-7, Issue-5, **May 2019**, E-ISSN: 2347-2693, pp. 604-607
3. Paper titled "**Ransomware: A Cyber Extortion**" published in ASIAN JOURNAL OF CONVERGENCE IN TECHNOLOGY, Volume 2, Issue 3, **2016** (AJCT ISSN No.: 2350-1146).
4. Paper titled "**Overview of BIG DATA and HADOOP**" published in ASIAN JOURNAL OF CONVERGENCE IN TECHNOLOGY, Volume 2, Issue 3, **2016** (ISSN 2350 - 1146)

### Papers Presented/Published in National/ International Conferences - 02

#### National Conferences – 02

1. Paper presented titled "**Overview of BIG DATA and HADOOP**" at 2<sup>nd</sup> National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17<sup>th</sup> and 18<sup>th</sup> February 2016.  
  
Paper Published in Proceeding of **Conference ISBN: 978-93-83046-31-7**, pp.250-254
2. 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 – 74

#### STTP / FDPs

1. Completed **12 Week NPTEL FDP** on "**Cyber Security and Privacy**" with **Elite certification** organized by **Indian Institute of Technology, Madras** from July 2023 to October 2023.
2. Completed **One Week** National Level **FDP** on "**Cloud Infrastructure (AWS)**" organized by LATE BHAUSAHEB HIRAY S.S. TRUST'S INSTITUTE OF COMPUTER APPLICATION,

Mumbai, in association with Brainovision Solutions India Pvt. Ltd and AICTE from 21/08/2023 to 25/08/2023.

3. Completed **Six Days ISTE Approved Online STTP** on **"Cyber-Physical Systems: Bridging IoT, Computer Science and Cyber Security"** organized by **Department of Internet of Things, Department of Electronics and Computer Science and Department of Cybersecurity, Thakur College of Engineering and Technology, Mumbai** from 23/06/2023 to 01/07/2023.
4. Completed **Six Days ISTE Approved Online STTP** on **"Building Solutions Using No Code AI and Machine Learning"** organized by **Department of Computer Engineering, Thakur College of Engineering and Technology, Mumbai** from 02/01/2023 to 07/01/2023.
5. Completed **Six Days ISTE Approved Online STTP** on **"Cyber security and Artificial Intelligence"** organized by **Department of Computer Engineering, Thakur College of Engineering Technology in association with Pristine Info Solutions Pvt. Ltd. India** from 06/06/2022 to 11/06/2022.
6. Completed **AICTE Approved One Week STTP** on **"BLOCKCHAIN & IT'S APPLICATIONS (Phase – IV)"** organized by Department of IT in association with Department of CE and Department of MCA, VETSIT, Mumbai from 17/08/2021 to 21/08/2021.
7. Completed **Two Days FDP** on **"Advanced JAVA"** organized by **Bharati Vidyapeeth's Institute of Management and Information Technology**, Navi Mumbai from 03/02/2021 to 04/02/2021.
8. Completed **AICTE approved One Week ATAL FDP** on **"Blockchain"** organized by **AICTE Training And Learning (ATAL) Academy** at Birla Institute of Technology Mesra from 07/09/2020 to 11/09/2020.
9. Completed **Five Days STTP** on **"Recent Trends In Data Science And Information Security"** organized by Ramrao Adik Institute of Technology, Navi Mumbai from 22/06/2020 to 26/06/2020.
10. Completed **One Week FDP** on **"Introduction to LATEX"** organized by Department of Electronics and Telecommunication Engineering, **Xavier Institute of Engineering** from 15/06/2020 to 20/06/2020.
11. Completed **One Week FDP** on **"Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes"** organized by Department of Mechanical Engineering, FAMT, Ratnagiri from 08/06/2020 to 12/06/2020.
12. Completed **Two Days FDP** on **"Online Teaching & E-content"** organized by Indian Institute of Digital Education from 03/06/2020 to 04/06/2020
13. Completed **One Week FDP** on **"Moodle Learning Management System"** organized by **KJ. Somaiya Institute of Engineering and Information Technology in association with Spoken Tutorial Project, IIT Bombay** from 26/05/2020 to 30/05/2020.

14. Completed **Two Week FDP** course on **"MANAGING ONLINE CLASSES and CO-CREATING MOOCS"** organized by Teaching Learning Centre, **Ramanujan College, Delhi sponsored by Ministry of HRD**, India from 20/04/2020 to 06/05/2020.
15. Completed **12 Week NPTEL FDP** on **"Programming in JAVA"** with **Elite plus Gold certification** organized by **Indian Institute of Technology, Kharagpur** from 01/07/2019 to 31/10/2019.
16. Completed **ISTE graded and approved STTP** on **"Open Source Solutions in Teaching Learning Process"** organized by Department of Information Technology, FAMT, Ratnagiri from 24/06/2019 to 26/06/2019.
17. Completed **ISTE approved One Week STTP** on **"Designing IOT based Applications for Smart Cities"** organized by Department of Information Technology, FAMT, Ratnagiri, from 29/01/2018 to 02/02/2018.
18. Completed **AICTE approved Four Week FDP** on **"Use of ICT in Education for Online and Blended Learning"** conducted by **Indian Institute of Technology Bombay** from 02<sup>nd</sup> May 2016 to 10<sup>th</sup> July 2016

### **Conferences and Seminars**

19. Attended **Webinar** on **"Machine Learning and Applications"** organized by the Indian Women Scientists' Association, supported by BRNSDAE. The Popular Science Lecture was hosted by Department of MCA, Finolex Academy of Management and Technology, Ratnagiri and held on 18<sup>th</sup> March 2021.
20. Attended **Webinar** on **"Artificial Intelligence in Medical Field: Research and Job opportunities"** organized by Department of Instrumentation Engineering, AISSMS's Institute of Information Technology, Pune in association with ISTE Student Chapter on 02<sup>nd</sup> July 2020.
21. Attended **Webinar** on **"Stress Management"** organized by All India Shri Shivaji Memorial Society's Institute of Information & Technology, Pune on 30<sup>th</sup> June 2020.
22. Attended **Webinar** on **"CYBER SECURITY- "Attacks & Protections"** organized by Department of ECE, in association with Institution's Innovation Council, Francis Xavier Engineering College, Tirunelveli on 30<sup>th</sup> June 2020.
23. Attended **Webinar** on **"GER in Education and Developing Countries"** organized by IQAC of Punyashlok Ahilyadevi Holkar Solapur University, Solapur (MS) in collaboration with Association of Indian Universities, New Delhi, India on 29<sup>th</sup> June 2020.
24. Attended **Webinar** on **"Reshaping Higher Education – The AICTE Guide"** organized by Gitarattan International Business School, Delhi on 28<sup>th</sup> June 2020.
25. Attended **Webinar** on **"Cyber Security"** organized by Department of Electronics and Telecommunication, Finolex Academy of Management and Technology, Ratnagiri on 20<sup>th</sup> June 2020.
26. Attended **Webinar** on **"Master Driven Class on Digital Marketing 4.0 for Business"** organized by PCET's, S. B. Patil Institute of Management & Pune Business School held on 17<sup>th</sup> June 2020.
27. Attended **Webinar** on **"Effective use of LinkedIn"** organized by DES's, Navinchandra Mehta Institute of Technology & Development on 17, Mumbai held on 17<sup>th</sup> June 2020.

28. Attended **Webinar** on "**Cyber Security**" organized by JSPM's Jayawant Institute of Management Studies, held on 10<sup>th</sup> June 2020.
29. Attended **Webinar** on "**Cloud Computing : Salesforce**" organized by JSPM's Jayawant Institute of Management Studies, held on 9<sup>th</sup> June 2020.
30. Attended **Webinar** on "**Enhancing English of Engineering World 4.0**" organized by V. V. P. Institute of Engineering and Technology, Solapur held on 29<sup>th</sup> May 2020.
31. Attended **Webinar** on "**Chanakya and Management**" organized by Chanakya Institute of Leadership Studies, Mumbai on 27<sup>th</sup> May 2020.
32. Attended **Webinar** on "**Intellectual Property Rights and Patent Registration**" organized by Department of Electronics and Telecommunication Engineering, Pillai HOC Polytechnic, Rasayani on 21<sup>st</sup> May and 22<sup>nd</sup> May 2020.
33. Attended **Webinar** on "**IEEE 802.11 and Building Wireless Community Networks**" organized by IEEE STANDARDS ASSOCIATION & MHRD PMMMNMTT FDC, Shivaji University, Kolhapur held on 22<sup>nd</sup> May 2020.
34. Attended **Webinar** on "**Cyber Hygiene**" organized by Department of Information Technology & Computer Science, B. K. Birla College of Arts, Science and Commerce (Autonomous) , Kalyan held on 19<sup>th</sup> May 2020.
35. Attended **Webinar** on "**Insights & Data Visualisation**" organized by Department of Computer Engineering, Shree L. R. Tiwari College of Engineering, held on 19<sup>th</sup> May 2020.
36. Attended two days **Webinar** on "**Startup Lifecycle and Patent Registration**" jointly organized by **ACE Innovation Cell, IPR Cell, ACE Institution Innovation Council-MHRD, ACE- Incubation Center- MSME, IEDC-DST, ACE Ember Ecell NEN, Atharva College of Engineering** held on 18<sup>th</sup> and 19<sup>th</sup> May 2020.
37. Attended **Webinar** on "**Clinical Research & SAS Programming**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 16<sup>th</sup> May 2020.
38. Attended **Webinar** on "**Quantum Artificial Intelligence**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 16<sup>th</sup> May 2020.
39. Attended **Webinar** on "**Technology Architecture and Governance**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 16<sup>th</sup> May 2020.
40. Attended **Webinar** on "**Robotic Process Automation (RPA) & AI**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 15<sup>th</sup> May 2020.
41. Attended **Webinar** on "**Robotics Process Automation Hands on in UI-Path**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 15<sup>th</sup> May 2020.
42. Attended **Webinar** on "**Data Science To Business Solution – A Thinkovation Approach**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 15<sup>th</sup> May 2020.
43. Attended **Webinar** on "**Block-chain in Management & Finance**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 14<sup>th</sup> May 2020.
44. Attended **Webinar** on "**Research Manuscript Writing: Skills and Ethical Misconducts**" organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 14<sup>th</sup> May 2020.

45. Attended **Webinar** on **"Machine Learning Redefining the Semiconductor Industry"** organized by IQAC & Department of Information Technology, Thakur College of Science and Commerce held on 14<sup>th</sup> May 2020.
46. Attended **Webinar** on **"Coping After COVID 19: A New Era for Students & Academicians"** organized by IEEE Blended Learning Program & Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur held on 2<sup>nd</sup> May 2020.
47. Attended 2<sup>nd</sup> **National Conference on Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17<sup>th</sup> to 18<sup>th</sup> February 2016
48. 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, held on 16<sup>th</sup> Jan 2010.

### **Two Week or One Week Workshops**

49. Attended **One week** National Level Capacity Building Programme on **"Cyber Security and Forensics"** organized by **K J Somaiya Institute of Technology, Sion, Mumbai and Ramrao Adik Institute of Technology, Navi Mumbai** from 19/06/2023 to 24/06/2023.
50. 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 13<sup>th</sup> February to 23<sup>rd</sup> April 2016.
51. Attended **Two Week ISTE workshop** on **'Designs of Algorithm'** Conducted by IIT Kharagpur under the National Mission on Education through ICT from 27<sup>th</sup> April 2015 to 30<sup>th</sup> May 2015.
52. Attended **Two Week ISTE workshop** on **'Computer Programming'** Conducted by IIT Bombay under the National Mission on Education through ICT, from May 20<sup>th</sup>, 2014 to June 21<sup>st</sup>, 2014.
53. Attended **Two Week ISTE workshop** on **'Database Management Systems'** Conducted by IIT Bombay 21<sup>st</sup> May to 31<sup>st</sup> May, 2013 - under the National Mission on Education through ICT (MHRD).

### **Workshops**

54. Attended **Two Days Orientation Programme** on **"Demystifying Blockchain"** Organized by **SIES College, New Mumbai** in association with University of Mumbai from 29/09/2021 to 30/09/2021.
55. Attended **Orientation Program** and hands-on session for the subject of **Internet of Things** conducted by Thakur Institute of Management Studies, Career Development & Research (TIMSCDR) on behalf of University of Mumbai (UoM) on 4<sup>th</sup> May 2021.
56. Attended **One Day Workshop** on **"IoT"** organized by **Thakur Institute of Management Studies, Career Development & Research, Mumbai** on 18/02/2021.
57. Attended **Three Days Workshop** on **"Gramin Vikas: Enabling Self Reliant Economy Through Techo-Social Innovation In A Perspective of Post Covid-19 Rural India"** organized by **MCT's Rajiv Gandhi Institute of Technology, Mumbai** from 25/06/2020 to 27/06/2020.

58. Attending Three days **online workshop** on "**Education 4.0-Season II**" organized by IQAC, Atharva College of Engineering held from 28<sup>th</sup> to 30<sup>th</sup> May 2020.
59. Attended "**One Day Workshop on Arduino**" organized by the Teaching Learning Centre, ICT at IIT Bombay on 8/02/2020.
60. Attended **Two Days Workshop** on "**WebGIS platform**" organized by Department of E&TC, I<sup>2</sup>IT and Center of Excellence In Geo informatics supported by Savitribai Phule Pune University from 10/01/2020 to 11/01/2020.
61. Attended "**One Day Workshop on R**" organized by the Teaching Learning Centre, ICT at IIT Bombay on 9/11/2019.
62. Attended **One Day Coordinators' Workshop** on "**Linux**" organised by the Teaching Learning Centre, ICT at IIT Bombay on 3/08/2019.
63. Attended **One Day Workshop** on "**Python**" conducted by **IIT Bombay** on 22/06/2019.
64. Attended **One Day Workshop** on "**Getting Started With Practical Artificial Intelligence and Machine Learning**" organized by Department of MCA, FAMT, Ratnagiri on 10/03/2019.
65. Attended **Two Days Workshop** on "**Intellectual Property Rights**" organized by IPR Cell, FAMT from **24 March to 25 March 2018**.
66. 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 07<sup>th</sup> September 2015 to 09<sup>th</sup> September 2015.
67. Attended **One day** Workshop on "**Xploit –Advanced Ethical Hacking and Exploitation**" conducted by Kyrion Digital Securities (P) Ltd. in association with **IIT Khargapur**, on 10<sup>th</sup> February 2013 at Finolex Academy of Management and Technology, Ratnagiri.
68. Attended **Two Days** ISTE Workshop for Teachers on "**Aakash for Education**" Conducted by IIT Bombay on 10<sup>th</sup> and 11<sup>th</sup> November, 2012 - under the National Mission on Education through ICT (MHRD).
69. Attended **Two Days** Workshop on "**PHP Technology**" Organized by Dept. of MCA, Finolex Academy of Management and Technology, Ratnagiri, from 15<sup>th</sup> September to 16<sup>th</sup> September 2012.
70. 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.
71. Attended **Three Days** National Level Workshop on "**Android Application & Game Development Fundamentals**" Organized by Finolex Academy of Management and Technology, Ratnagiri held from 11<sup>th</sup> July to 13<sup>th</sup> July 2012.
72. Attended Departmental **One day** Workshop on "**Data Mining**" organized by Finolex Academy of Management and Technology.



73. Attended **one day** Workshop on **"Open Source Database Technology"** organized by I<sup>2</sup>IT Pune at Finolex Academy of Management and Technology, Ratnagiri, on 29<sup>th</sup> March 2010.
74. Attended **one day** workshop on **"PHP Technology"** organized Department of MCA, FAMT, Ratnagiri, on 22<sup>nd</sup> September 2007.

#### Certification Course / Refresher Courses completed - 07

1. Completed 6 – Track four days certification course on **"Alumni Leadership Program"** organized by Vaave organization from 13/11/2021 to 21/11/2021.
2. Completed **AICTE approved** Training program on **Innovation Ambassador Training - Advanced Level"** conducted in online mode by **MoE's Innovation Cell & AICTE** during the IIC calendar year 2021-22.
3. Completed **AICTE approved** Training program on **Innovation Ambassador Training - Foundation Level"** conducted in online mode by **MoE's Innovation Cell & AICTE** from 30/06/2021 to 30/07/2021 during the IIC calendar year 2021-22.
4. Completed 12 Week NPTEL Online Certification Course on **"Introduction to Internet of Things"** conducted by **Indian Institute of Technology, Kharagpur** from **July 2018 to October 2018** and achieved **Elite Certification**.
5. Completed 8 Week NPTEL Online Certification Course on **"Programming in C++"** conducted by **Indian Institute of Technology, Kharagpur** from **July 2017 to October 2017** and achieved **Elite Certification**.
6. Attended **Eight Weeks** certification course on **"SKANI101x: Basic 3D animation using Blender"** conducted by **Indian Institute of Technology Bombay** from 18<sup>th</sup> February – 14<sup>th</sup> April 2016.
7. Completed 4 days certification course on **"Deep Dive Faculty Enablement Program"** held at **Infosys Technologies Ltd, Pune**, from 22<sup>nd</sup> June – 25<sup>th</sup> June 2010, conducted by Infosys Technologies Limited.

#### Technical Seminars/ Workshop/ Lecture/ Invited Talks As a Resource Person - 07

1. Conducted **One Day Orientation programme** on **"Advanced Web Technologies"** organized by **MET Institute of Computer Science, Bandra, Mumbai** in Association with Mumbai University for faculty of University of Mumbai on 15/05/2021.
2. Conducted **One Day Orientation programme** on **"Ethical Hacking"** organized by **SIES College of Management Studies, Nerul, Mumbai** in Association with Mumbai University for faculty of University of Mumbai on 01/10/2021.

3. Conducted **Online FDP** on "**Useful ICT tools on Computer and Mobile Phone for Online Teaching and Learning Process**" organized by Kankavli College, Kankavli from 9 August 2020 to 13 August 2020.
4. Conducted **Value Added Course** on "**IOT Programming using Raspberry Pi and Intel Edison Boards**" organized by Department of MCA, FAMT, Ratnagiri from 02/07/2018 to 06/07/2018.
5. Conducted **Pre-placement Training** for "**TCS Systems Campus Recruitment Drive**" organized by Training and Placement Cell, FAMT, Ratnagiri in 2019.
6. Conducted **One Day seminar** on "**Introduction to Digital Forensics**" organized by Maharshi Karve Stree Shikshan Sanstha's College of Computer Applications for Women College, Ratnagiri.
7. Conducted One day seminar on "**Bootstrap**" organized by Sant Rawool Maharaj Mahavidyalaya, Kudal, Sindhudurg on 11<sup>th</sup> January 2017.

#### **Extension / Outreach Programs/ Social Programs As a Resource Person - 03**

1. Worked as resource person for organizing Event on "**World Sparrow Day**" on 26<sup>th</sup> March 2018 and organized Presentation and Drawing competition for 07<sup>th</sup> and 08<sup>th</sup> standard students of Schools in Ratnagiri city area.
2. Worked as resource person for organizing Event on "**World Sparrow Day**" on 21<sup>st</sup> March and 25<sup>th</sup> March 2017 and organized Presentation and Drawing competition for 07<sup>th</sup> and 08<sup>th</sup> standard students of Schools in Ratnagiri city area.
3. Worked as resource person for organizing Event on "**World Sparrow Day**" on 21<sup>st</sup> March and 22<sup>nd</sup> March 2016 and organized Presentation and Drawing competition for 07<sup>th</sup> and 08<sup>th</sup> standard students of Schools in Ratnagiri city area.

#### **Professional Membership**

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

#### **Other Experience**

##### **Paper Reviewer/ BOS Member/ Editorial Board Member**

1. Worked as Paper reviewer committee member for International Conference on Communication and Computing ICC-2022 organized by FAMT, Ratnagiri.

##### **College Level Administrative Responsibilities**

##### **College Level Committees**

2. Working as **Teacher in charge** of **SAM (Students association of MCA)** from January 2016 to 2018 and 2022 to till date.
3. Working as a **MCA Department Coordinator** of **Website Administration committee** (WAC) of Finolex Academy of Management and Technology, Ratnagiri from 2016 to till date.
4. Working as a **Committee member** for **FAMT IEDC Committee** from 2020 to till date.
5. Working as a **MCA Department Coordinator** for **NAAC Criteria 1 college committee**.
6. Working as a **Committee member** for **FAMT Alumni Association** from 2018 to till date.
7. Working as a **Committee member** for **Faculty Feedback Committee** from 2019 to till date.
8. Working as a **Member** of Admission Committee for MCA Admission.
9. Working as a **Member** of E-magazine Committee.
10. Working as **MCA team member** for **NAAC preparations Committee** of MCA Department from 2014 to till date.
11. Worked as a **Faculty-Incharge** for conduction of **MCA Internal Assessment Examination** from 2018 to 2022.
12. Worked as a **Faculty-Incharge** for conduction of University **MCA Practical Examination** from 2018 to 2022.
13. Worked as **team member** for **College Admission Team 2020 and 2021**.
14. Worked as a team member for **MCA ARC Center**.
15. Worked as a **University Exam Senior Supervisor First Half 2019**.
16. Worked as a **MCA University Exam Senior Supervisor**.
17. Worked as a **MCA University Exam CAP Coordinator**.
18. Worked as **Organizing Committee member** for International Conference on Communication and Computing **ICCC-2022**.
19. Worked as **Workshop Coordinator** for MCA Department from 2010 to 2020.
20. Worked as a **MCA Department Coordinator** for **NAAC Criteria 7 committee** from 2014 to 2018.
21. Worked as **team member** for "**Open Day execution**" for Engineering and MCA on 1<sup>st</sup> January 2016 at Finolex Academy of Management and Technology, Ratnagiri.
22. Worked as **organizing committee member** in 2<sup>nd</sup> National Conference on "**Recent Advances in Science and Technology**" organized by Finolex Academy of Management and Technology, Ratnagiri during 17<sup>th</sup> February to 18<sup>th</sup> February 2016.

23. Worked as **departmental organizing committee member** in 2<sup>nd</sup> National Conference on **“Recent Advances in Science and Technology”** organized by Department of MCA during 17<sup>th</sup> February to 18<sup>th</sup> February 2016.
24. Worked as **MCA team member** NBA-2010 and NBA-2011 preparation Committee of MCA Department.

#### **University Level Committees**

25. Worked as a **Co-convenor** for the setting the syllabus of the following subjects of MCA:
- MCA302- Java Programming- Sem III (CBCGS) (**MCA – Mumbai University**)
  - MCAL302 – Java Programming and Unified Modeling Language Lab (**MCA – Mumbai University**)

#### **Judge Panel / Staff Selection Committee / Subject Expert**

26. 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 7<sup>th</sup> – 8<sup>th</sup> March 2014.
27. Worked as a **Member of Selection Committee (subject Expert)** to conduct interviews for posts of Assistant Professor in **Finolex Academy of Management and Technology, Ratnagiri**.

#### **Projects / Software Development**

28. 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 as a Coordinator - 46**

#### **Alumni / Industry Expert Program Coordinated**

1. Worked as **Event Coordinator** for program on **“Student Alumni Interaction”** Program organized by Department of MCA, FAMT, Ratnagiri on 02/09/2023.
2. Worked as **Event Coordinator** for alumni interaction on **“Higher Education Opportunities in Abroad”** organized by the Department of MCA and Student Association of MCA on 19/11/2022.
3. Worked as **Event Coordinator** for program on **“Student Alumni Interaction”** organized by the Department of MCA, Student Association of MCA and Institute Innovation Council (IIC) - FAMT on 26/09/2022.

4. Worked as **Event Coordinator** for Industry Expert Session on "**Kick Starting Your Career**" organized by Department of MCA, FAMT, Ratnagiri on 10/06/2022.
5. Worked as **Event Coordinator** for Alumni Session on "**Career Path in Software Testing**" organized by the Department of MCA, FAMT, Ratnagiri on 02/05/2022.
6. Worked as **Event Coordinator** for **Industry Expert's Lecture** organized by Department of MCA, FAMT, Ratnagiri on 19/10/2019.
7. Worked as **Event Coordinator** for **Industry Expert's Lecture** organized by Department of MCA, FAMT, Ratnagiri on 16/10/2019.
8. Worked as **Event Coordinator** for program on "**Alumni Interaction with Students**" organized by Department of MCA, FAMT, Ratnagiri on 27/10/2018.
9. Worked as **Event Coordinator** for program on "**Interactions with Alumni**" organized by Department of MCA, FAMT, Ratnagiri on 15/01/2018.
10. Worked as a **Program Coordinator** for **Student- Alumni Interaction program** organized by Department of MCA, FAMT, Ratnagiri on 23/09/2017.
11. Worked as a **Program Coordinator** for **Student- Alumni Interaction program** organized by Department of MCA, FAMT, Ratnagiri on 16/09/2017.
12. Worked as an **Program Coordinator** for **Student- Alumni Interaction program** organized by Department of MCA, FAMT, Ratnagiri on 07/08/2017.

#### **Workshop / Training Program / Competition Coordinated**

13. Worked as a **Program Coordinator** for FYMCA student's welcome program - "**Extravaganza\_2k23**" organized by Student Association of MCA department on 14<sup>th</sup> October 2023.
14. Worked as a **Program Coordinator** for "**Idea Competition**" organized by the IEDC, FAMT, Ratnagiri on 18<sup>th</sup> October 2023.
15. Worked as a **Program Coordinator** for program on "**Induction Program for FYMCA Students**" organized by Student Association of MCA department from 01/09/2023 to 02/09/2023.

16. Worked as a **Program Coordinator** for “**Python Hackathon 2k23**” organized by the **Department of IT** and **IEDC** on **06<sup>th</sup> April 2023** for the students of SE – IT, FAMT.
17. Worked as a **Program Coordinator** for program on “**Induction Program for FYMCA Students**” organized by Student Association of MCA department from 21/11/2022 to 22/11/2022.
18. Worked as **Event Coordinated** the program “**Smart FAMT Hackathon Ideation Round 2k22**” organized by IIC- FAMT 2022.
19. Worked as **Event Coordinator** for mega competition **Talent Hunt 2k20** organized by Department of MCA, FAMT, Ratnagiri on 2020.
20. Worked as **Workshop Coordinator** for **One Day Faculty Workshop** on “**Linux**” organised by the Teaching Learning Centre, ICT at IIT Bombay on 23/08/2019.
21. Worked as an **Organizing Team member** for “**Alumni Meet 2019**” organized by **FAMT, Ratnagiri** held at **FAMT, Ratnagiri**.
22. Worked as **Event Coordinator** for **Drawing Competition** on “**Vision and Mission Statements**” for MCA Students organized by Department of MCA, FAMT, Ratnagiri on 09/03/2019,
23. Worked as an **Organizing Team member** for “**Alumni Meet 2018**” organized by **FAMT, Ratnagiri** held at **I<sup>2</sup>IT, Pune**.
24. Worked as **Course Coordinator** for **four week Technical Skills Course**, from 20 February to 18 March 2018, Conducted by **IIT Bombay** under College to Corporate Program.
25. Worked as **Event Coordinator** for expert lecture on “**GitHub**” organized by Department of MCA on 17/01/2018.
26. Worked as a **Program Coordinator** for **Student- Industry Expert Interaction program** on “**Overview of Career in SAP**” organized by Department of MCA, FAMT, Ratnagiri on 25/11/2017.
27. Worked as a **Workshop Coordinator** for **One Day Workshop** on “**Responsive Web Designing using Bootstrap**” organized by Department of MCA on 09<sup>th</sup> September 2017.

28. Worked as an **Event Coordinated** for "**Orientation Program**" for First Year MCA Students organized by Department of MCA, FAMT on 07 August 2017.
29. Worked as a **Workshop Coordinator** for **Two Days Workshop** on "**Python**" organized by Student Association of MCA department from 17<sup>th</sup> February 2017 to 18<sup>th</sup> February 2017.
30. Worked as a **Event Coordinator** for "**SEED IT Idol 2017 Competition's First Round**" conducted by SEED Infotech Ltd., Mumbai on 15<sup>th</sup> February 2017 at FAMT, Ratnagiri.
31. Worked as an **Event Coordinator** for **Three Days** Technical Event named as "**Excellentia 2k16**" organized by Student Association of MCA department from 27<sup>th</sup> September to 29<sup>th</sup> September 2016.
32. Worked as a **Workshop Coordinator** for **One Day** Workshop on "**Cyber Forensic**" organized by Student Association of MCA department on 25<sup>th</sup> September 2016.
33. 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 12<sup>th</sup> August 2016.
34. 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 form 02<sup>nd</sup> May to 07<sup>th</sup> May 2016.
35. Worked as a **Workshop Coordinator** for **Three Days** Workshop on "**Web Development using PHP**" organized by Student Association of MCA department from 14<sup>th</sup> December 2015 to 16<sup>th</sup> December 2015 for Students of BSc(Computer Science), BSc(IT) and BCA Students of various colleges in Sindhudurg and Ratnagiri district at FAMT, Ratnagiri.
36. Worked as a **Workshop Coordinator** for **Three Days** Workshop on "**Web Development using PHP**" organized by Student Association of MCA department from 08<sup>th</sup> December 2015 to 10<sup>th</sup> December 2015 for MCA students at FAMT, Ratnagiri.
37. Worked as a **Workshop Coordinator** for **One Day** Workshop on "**How to Write Research Paper**" organized by department of MCA from 2<sup>nd</sup> December 2015 at FAMT, Ratnagiri.

38. Worked as a **Workshop Coordinator** for **One Day** Workshop on **"Cybersecurity"** organized by department of MCA from 17<sup>th</sup> October 2015 at FAMT, Ratnagiri.
39. Worked as a **Workshop Coordinator** for **Two Days** Workshop on **"Introduction to BootStrap"** organized by Student Association of MCA department from 23<sup>rd</sup> August 2014 to 24<sup>th</sup> August 2014 at FAMT, Ratnagiri.
40. 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 09<sup>th</sup> February to 10<sup>th</sup> February 2013.
41. Worked as a **Workshop Coordinator** for **Two Days** Workshop on **"PHP"** organized by Student Association of MCA department from 15<sup>th</sup> September 2012 to 16<sup>th</sup> September 2012.

#### **Extension / Outreach Programs/ Social Programs Coordinated**

42. Worked as an **Event Coordinator** for organizing Event on **"World Sparrow Day"** on 26<sup>th</sup> March 2018 and organized Presentation and Drawing competition for 07<sup>th</sup> and 08<sup>th</sup> standard students of Schools in Ratnagiri city area.
43. Worked as a **Event Coordinator** for organizing social awareness extension program on **"Drawing Exhibition"** to share message "SAVE BIRD SAVE NATURE" on 21/03/20218.
44. Worked as an **Event Coordinator** for organizing Event on **"World Sparrow Day"** on 21<sup>st</sup> March and 25<sup>th</sup> March 2017 and organized Presentation and Drawing competition for 07<sup>th</sup> and 08<sup>th</sup> standard students of Schools in Ratnagiri city area.
45. Worked as an **Event Coordinator** for organizing Event on **"World Sparrow Day"** on 21<sup>st</sup> March and 22<sup>nd</sup> March 2016 and organized Presentation and Drawing competition for 07<sup>th</sup> and 08<sup>th</sup> standard students of Schools in Ratnagiri city area.
46. Worked as an **Event Coordinator** for organizing Event on **"Importance of World Water Day and how to save water"** on 22<sup>nd</sup> March 2016 at FAMT, Ratnagiri.

#### **Subject Taught**

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Advanced JAVA	MCA (Sem – I, Sem - III)	5 Years
2.	Advanced Web Technologies	MCA (Sem – II, Sem –V)	6 Years



3.	Blockchain	MCA (Sem - III)	3 Years
4.	Object Oriented Programming with c++	MCA (Sem - I, Sem -III)	5 Years
5.	Database Management System	MCA (Sem - III)	3 Years
6.	Digital Forensics	MCA (Sem - V)	3 Years
7.	Software Quality Assurance	MCA (Sem - V)	3 Years