



Finolex Academy of Management and Technology

Department of MCA

MCA Vartapatra

Vol 8, Issue 2 – Half Yearly (July 2023 – Dec 2023)

Bi-Annual Newsletter of Master of Computer Applications Department



Dear Readers,

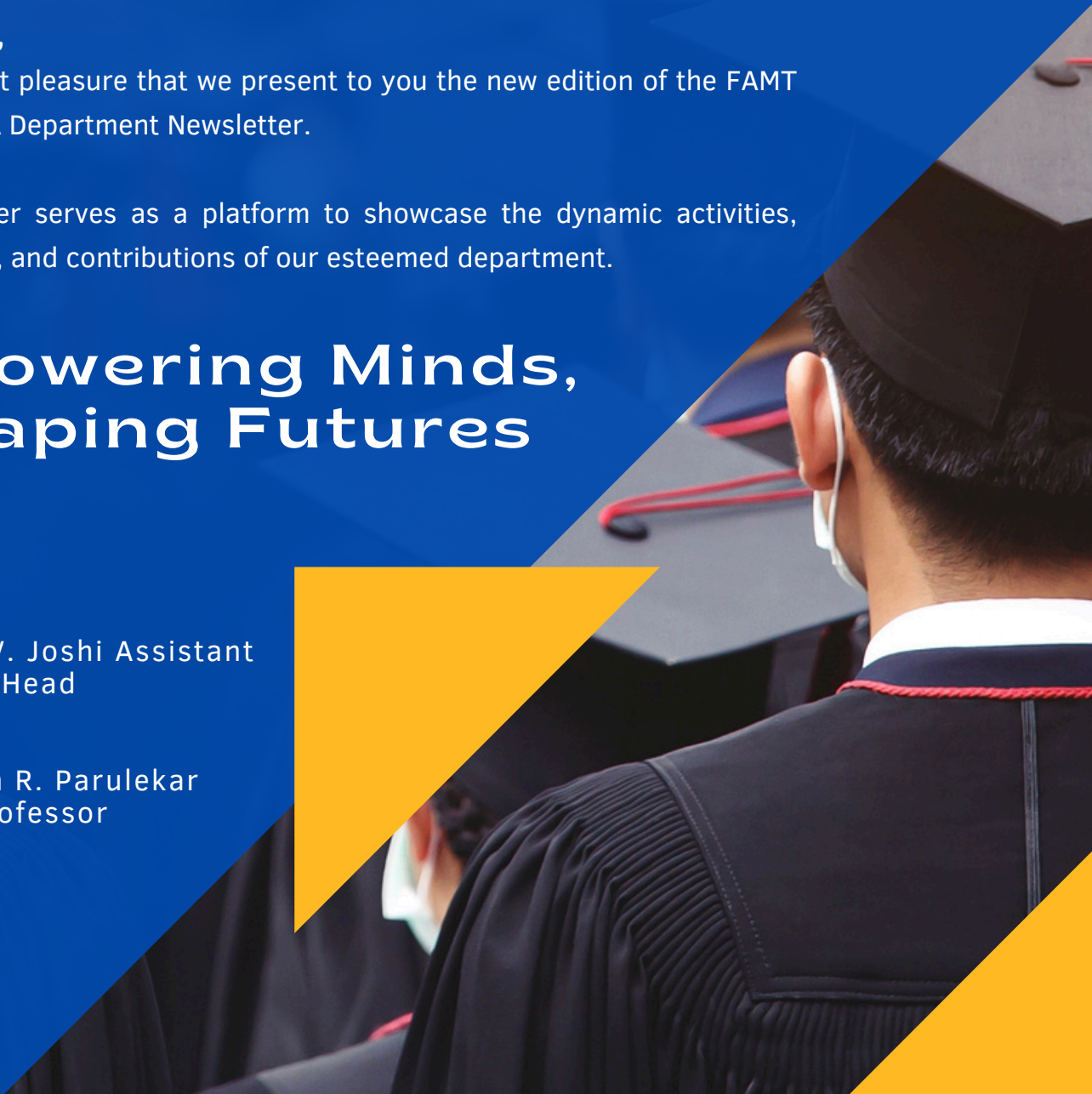
It is with great pleasure that we present to you the new edition of the FAMT Ratnagiri MCA Department Newsletter.

This newsletter serves as a platform to showcase the dynamic activities, achievements, and contributions of our esteemed department.

Empowering Minds, Shaping Futures

**Publisher –
Prof. Tejas V. Joshi Assistant
Professor & Head**

**Editor -
Prof. Waman R. Parulekar
Assistant Professor**



INSIDE THE ISSUE

Department Vision

3-3

Department Mission

3-3

Program Specific Outcomes

4-4

About The Department

5-6

Events Organized

7-12

Student/Faculty Achievements

13-15

Closing Remark

16-16

Our Esteemed Faculty / Staff Members

Mr. Tejas V. Joshi

Head & Assistant Professor

Ms. Harshada U. Salvi

Assistant Professor

Mr. Kishor R. Bhosale

Assistant Professor

Mr. Ravindra V. Kerkar

Assistant Professor

Mr. Waman R. Parulekar

Assistant Professor

Ms. Supriya S. Surve

Assistant Professor

Mr. Ajinkya S. Naphade

Assistant Professor

Ms. Minaxi P. Gurav

Assistant Professor

Staff member

Mr. Sukumar Birje

Lab Assistant

DEPARTMENT VISION

To become a Centre of Excellence that transforms students into technologically competent professionals upholding integrity and ethics to meet global IT challenges.

DEPARTMENT MISSION

To impart quality education and necessary skills to create competent professionals in Computer Applications

To encourage a culture of research and innovation among students for the development of sustainable IT solutions benefitting society by providing robust theoretical foundations and in-depth practical training.

To inculcate social, ethical and professional responsibilities for the holistic development of students.



PEOS AND PSOS

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1 : To prepare students for real-world problems by working on industry- based projects.

PEO2 : To develop critical thinking, communication, teamwork, and leadership skills necessary to function productively and professionally.

PEO3 : To develop the students' technical skills, analytical skills, managerial skills and professional skills to design and develop the computer applications to meet the society and IT industry and also adapt the ever changing IT technologies.

PEO4 : To promote students awareness on social, ethical and professional responsibilities.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 : Students will be able to utilize versatile knowledge to develop industrial and real life projects

PSO2 : Students will be able to design, develop, test and maintain desktop, web, mobile and cross platform applications using cutting edge IT technologies.

ABOUT MASTER OF COMPUTER APPLICATION DEPARTMENT

In the modern era almost every Engineering discipline has to incorporate some amount of computer based applications without which the completeness of the concerned discipline cannot be envisaged. Computer applications have also permeated practically into every individuals lives through the use of Application Software in their smart phones and so high is its impact that it has bridged the boundaries between regions and one is able to communicate and exchange thoughts and ideas from virtually anywhere in the world.

Today, computers have become a part and parcel of all human endeavors and it is no wonder that a career in computer applications shows incomparable promise, tremendous potential and is now an out-and-out success in terms of innovation, research and an incredibly bright future.

Master of Computer Applications (MCA) is a 'prized' degree that can be considered as one of the most desirable amongst the Post Graduate Programs available from the point of view of a career in the software industry. The Masters degree in Computer Applications is essentially aimed at equipping a student with excellent programming, system and technology related competencies.

ABOUT MASTER OF COMPUTER APPLICATION DEPARTMENT

MCA is two years (4 semesters) professional Master's Degree in Computer Applications. The Department of MCA was established in 2004. The program is approved by All India Council for Technical Education (AICTE) and affiliated to the Faculty of Technology, University of Mumbai. The department has experienced faculty members who play a major role in the effective implementation of the teaching learning process and also takes pride in the performance of its students who have brought laurels to the department through their meritorious performances and by securing ranks in the University of Mumbai examinations.

The Department of Master of Computer Application is committed to:

- Creating leaders and next generation trend-setters for the IT Industry.
- Offering quality education that will give students an edge in their profession to think innovatively to develop better IT applications.
- Training individuals who would contribute substantially to the ambitious IT goals of the country.
- Contributing to developmental projects in government and public sectors with industry partners, to demonstrate application of IT and gain rich experience that can be brought back into education and research.
- Providing training of software project development in every semester.

EVENTS ORGANISED

Induction Program for FYMCA Students



A two-day Induction Program for FYMCA was organized by the Department of Master of Computer Application and Student Association of MCA from 01st September 2023 to 02nd September 2023.

The objective of the induction program was to integrate the new students into the institution and make them understand the systems and procedures followed by the institution. It will help to inculcate in them the culture of the institution, and help them build bonds with other students and the faculty members.

The program was inaugurated by the In-charge Principal and Dean Faculty Dr. Sanjay B. Kulkarni, who also gave a keynote address to the students of First-year MCA. He welcomed all the students and congratulated them for choosing the MCA course to build their careers.

He gave a brief history of the institute and told how this institute was founded by Late Shri. P. P. Chhabria with the sole objective of providing quality education at an affordable cost to the students of the remote Konkan belt.

EVENTS ORGANISED

Student Alumni Interaction Programme



Student Alumni Interaction Programme

A Student Alumni Interaction program was organized by the Department of MCA and Student Association of MCA on 02nd September 2023 for the students of First Year MCA.

Prof. Harshada U. Salvi introduced Mr Sagar Sahasrabuddhe, Senior Software Engineer, Xoriant Solutions Pvt. Ltd. He is a distinguished alumnus of the MCA department's 2015 batch.

Mr. Sagar Sahasrabuddhe talked about the current trends and job profiles in the software industry. He explained the steps to get his first dream IT job especially how to become an iOS developer. He gave a demonstration of an iOS application and interacted with the students. Prof. Ravindra V. Kerkar expressed a vote of thanks and coordinated the event.

EVENTS ORGANISED

Seminar on Career in Cyber Security & IT Sector



A one-day seminar on Career in Cyber Security & IT Sector was held by the Department of MCA and Student Association of MCA on 09th September 2023 for the students of First Year MCA.

For this seminar, Hon. Principal Dr Kaushal Prasad, Hon. Head of the Department, Prof. Tejas Joshi and all faculty members of the MCA department were present.

Ms. Tejal Shenvi from FYMCA introduced the resource person of this seminar, Dr. Akshay Phatak. He is a well-known Police Mitra and Businessman in Ratnagiri. His area of interest is Cybercrime and ethical hacking. He aims to spread awareness regarding Cyber crimes in the current era through students and social awareness.

Dr Akshay Phatak guided students regarding various career opportunities in Networking, Development, Cyber Security and Ethical hacking domains. He also suggested several courses to students. The total number of beneficiaries of the seminar is: 68 Ms. Akshada Patil (Student, MCA) expressed a vote of thanks. Prof. Ajinkya S. Naphade coordinated the event.

EVENTS ORGANISED

Workshop on Cyber Crime Awareness & Safety Tips



A one-day workshop on Cyber Crime Awareness & Safety Tips was held by the Department of MCA and Student Association of MCA on 09th September 2023 for the students of First Year MCA. For this workshop, Hon. Principal Dr Kaushal Prasad sir, Hon. Head of the Department Prof. Tejas Joshi and all faculty members of the MCA department were present.

Ms Tejal Shenvi from FYMCA introduced the resource person of this workshop, Dr. Akshay Phatak. He is a well-known Police Mitra and Businessman in Ratnagiri. His area of interest is Cybercrime and ethical hacking. He aims to spread awareness regarding Cyber crimes in the current era through students and social awareness.

Dr Akshay Phatak guided students on how to protect their systems from scams, different Cyber attacks and any other phishing techniques. He also carried out the 2-step verification of WhatsApp, Instagram and Facebook accounts of students. He motivated students to spread awareness regarding precautions to be taken while using PCs, laptops, Mobile and the Internet. Students interacted with him and asked their doubts. The total number of beneficiaries of the workshop is: 68Ms. Akshada Patil (Student, MCA) expressed a vote of thanks. Prof. Ajinkya S. Naphade coordinated the event.

EVENTS ORGANISED

Workshop on Using Git and GitHub



A one-day Workshop on Using Git and GitHub was held by the Department of MCA and Student Association of MCA on 07th October 2023 for the students of First Year MCA.

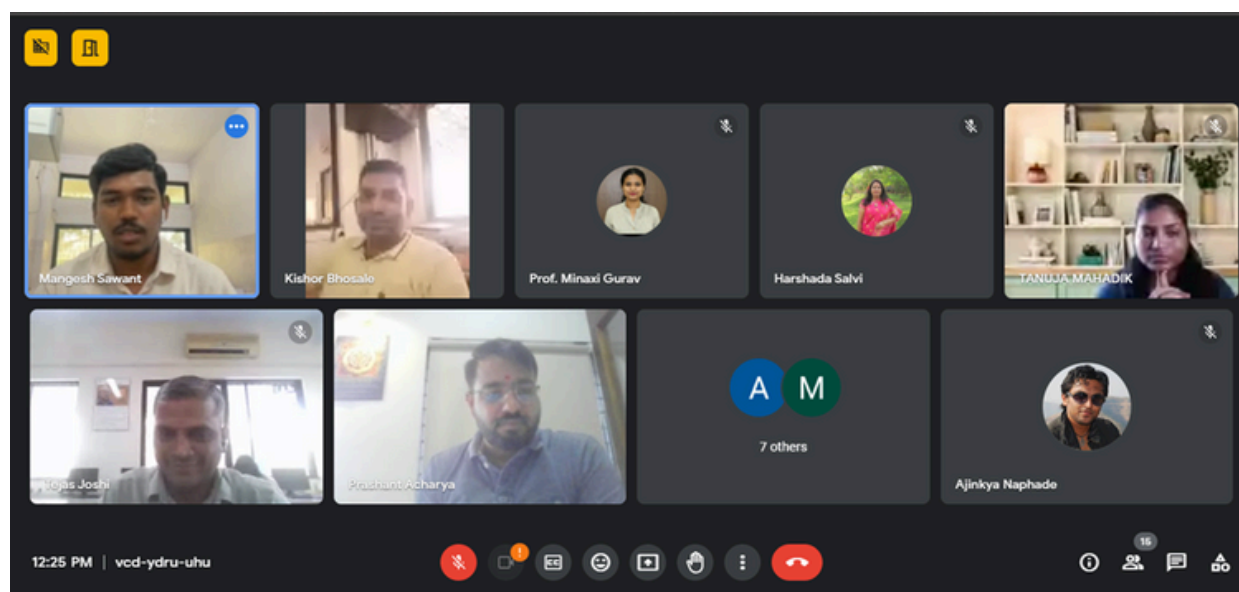
For this workshop, Hon. Principal Dr Kaushal Prasad sir, Hon. Head of the Department Mr Tejas Joshi and all faculty members of the MCA department were present.

Mr. Rahul Khedekar (Student, MCA) introduced the resource person of this workshop Mr. Vernan T, a well-known IT expert. His area of interest is Programming and the latest technologies. He conducts various workshops and seminars in various organizations. Mr. Vernan T guided students on how to use Git. He also guided how to upload codes and project them with branches. The total number of beneficiaries of the workshop is: 66.

Ms. Akshada Patil (Student, MCA) expressed a vote of thanks. Prof. Supriya S. Surve coordinated the event.

EVENTS ORGANISED

MCA Held Department Advisory Board (DAB) Meeting



The meeting of the Department Advisory Board (DAB) of the Master of Computer Application Department was organized on Saturday 21st October 2023, under the chairmanship of Prof. Tejas V. Joshi, Head of MCA Department, FAMT, Ratnagiri and coordinator-ship of Prof. Minaxi P. Gurav.

The following DAB members were present for the meeting:

| Sr. No. | Name of Member | Organization | Role in Committee |
|---------|------------------------------|---------------------------------------|------------------------------|
| 1 | Prof. Tejas V. Joshi | FAMT, Ratnagiri | Chairman |
| 2 | Prof. Minaxi P. Gurav | FAMT, Ratnagiri | Coordinator |
| 3 | Prof. Harshada U. Salvi | FAMT, Ratnagiri | Sr. Faculty Member |
| 4 | Prof. Kishor Bhosale | FAMT, Ratnagiri | Sr. Faculty Member |
| 5 | Ms./Mrs. Medha Sahasrabuddhe | Gogate Joglekar College, HOD IT Dept. | Academician |
| 6 | Ms./Mrs. Pallavi Patil | The New College, Kolhapur | Academician |
| 7 | Mr. Mangesh Sawant | Aza Fashions | Alumni Representative |
| 8 | Ms./Mrs. Tanuja Mahadik | Avatu PVT. LTD. | Alumni Representative |
| 9 | Mr. Prashant Acharya | Aryak Solutions | Industry Representative |
| 10 | Mr. Sachin Surve | Benchmark IT Solution | Industry Representative |
| 11 | Mr. Ravindra Mandavkar | Ratnagiri | Parent Representative |
| 12 | Ms. Akshada Patil | FAMT, Ratnagiri | FYMCA Student Representative |
| 13 | Ms. Gauri Bavdhankar | FAMT, Ratnagiri | SYMCA Student Representative |
| 14 | Mr. Mithilesh Pakhare | FAMT, Ratnagiri | SYMCA Student Representative |

STUDENT ACHIEVEMENTS

| Sr. No | Name of the Student/s | Title of the Awards, Prize, Recognition | Description |
|--------|-----------------------------|---|---|
| 1 | Tanay Mahesh Desai | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "The Joy of Computing using Python" with 72% Score |
| 2 | Priyanka Santosh Naik | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "Cloud Computing" with 70% Score |
| 3 | Nitant Naresh Deulkar | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "Cloud Computing" with 66% Score |
| 4 | Mihir Rajesh Narvekar | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "Cloud Computing and Distributed Systems" with 65% Score |
| 5 | Vedant Dhanaji Jadhav | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "The Joy of Computing using Python" with 65% Score |
| 6 | Ashwini Narayan Shirke | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "The Joy of Computing using Python" with 63% Score |
| 7 | Siddhivinayak Sanjay Thorat | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "Programming with Java" with 60% Score |
| 8 | Aniket vitthal Waghmare | NPTEL Elite Certificate | Awarded Elite certification for successfully completing the NPTEL course "Blockchain and its Application" with 60% Score |
| 9 | Satish Sudarshan Pawar | Project Idea competition | Secured First rank in project Idea competition |

STUDENT ACHIEVEMENTS

Research Publications

| Sr. No | Title of paper | Name of the author/s | Name of journal | ISBN/ ISSN number |
|--------|---|--|--|-------------------|
| 1. | Unveiling Patterns and Insights in a Retail Dataset: A Data Analytics Approach | Sahrish Saifi Tandel | International Journal for Research in Applied Science & Engineering Technology | 2321-9653 |
| 2. | Cyber Security- Ransomware | Rutuja Salvi, Mrunali Patil | International Journal of Research in Engineering and Science (IJRES) | 2320-9364 |
| 3. | A Study on Biometric Authentication Systems, Privacy Concerns and Mitigation Strategies | Prof. Waman R. Parulekar, Prof. Tejas V. Joshi, Tejas B. Sawant | International Journal of Scientific Research in Science and Technology | 2395-6011 |
| 4. | A Review of the Role of Big Data Analytics in Healthcare | Prof. Waman Radhakrishna Parulekar, Lekha Rajaram Dubale, Rutik Ramesh Keer | International Journal of Scientific Research in Science and Technology | 2395-6011 |
| 5. | Comprehensive Overview Of The Techniques, Challenges And Future Prospects Of Dynamic Malware Analysis | Prof. Waman R Parulekar, Prof. Harshada U Salvi, Kamallesh M Jikamade, Sarin Rajendran K | International Journal of Creative Research Thoughts (IJCRT) | 2320-2882 |

FACULTY ACHIEVEMENTS

| Year | Name of the Faculty | Achievement |
|---------|--------------------------|---|
| 2023-24 | Prof. Harshada U. Salvi | Awarded Elite plus Silver certification for successfully completing the NPTEL course " Cyber Security and Privacy " and Topper in Top 5% |
| 2023-24 | Prof. Ravindra V. Kerkar | Awarded Elite certification for successfully completing the NPTEL course " Cyber Security and Privacy " |
| 2023-24 | Prof. Ajinkya S. Naphade | Awarded Elite certification for successfully completing the NPTEL course " Cyber Security and Privacy " |

CLOSING REMARK

As we draw the curtains on yet another edition of the MCA Department Newsletter, let's reflect on the journey we've embarked upon together. It's been a testament to our collective dedication, creativity, and scholarly pursuit. As we bid adieu to these pages, let's carry forward the spirit of innovation, collaboration, and lifelong learning that defines us. Here's to the countless stories unwritten, challenges yet to be conquered, and successes waiting to be celebrated. Until we meet again in the next chapter of our academic odyssey, let's continue to inspire, learn, and grow. Farewell, but not goodbye.

Warm regards,
Newsletter Team

Accredited by NAAC with B++ Grade

FAMT secured 63rd Rank among Top 160 Private Engineering Institutes in India in OUTLOOK-ICARE Professional College Survey 2023

FAMT secured 129th rank in Top 170 Engineering Institute Overall Rankings 2023 by Times Engineering Ranking 2023

P -60, P-60/1, MIDC, Mirjole Block, Ratnagiri - 415639

www.famt.ac.in

Send your feedback on: hodmca@famt.ac.in

A Project of Hope Foundation - FINOLEX