

HOPE FOUNDATION'S

**FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY,
RATNAGIRI**

(Approved by AICTE, Recognized by DTE and Affiliated to Mumbai University)



MCA VARTAPATRA

Bi-Annual Newsletter of Master of Computer Applications Department

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

Editor – Prof. Waman R. Parulekar, Assistant Professor

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.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

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

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

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.

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

PROGRAM SPECIFIC OUTCOMES (PSOs)

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

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

SEMINARS / WORKSHOPS ORGANIZED BY DEPARTMENT

A WORKSHOP ON ANDROID DEVELOPMENT FOR MCA STUDENTS

Department of MCA organized a three day workshop on Android Development from 4th October to 6th October 2019. The resource person for the workshop was Mr. Tejas Kasare, Intellect Technologies, Mumbai, who holds an expertise and experience of 4 years in the field of Android and Machine learning.

The workshop was inaugurated with felicitation of the resource person by the head of department, Prof. Tejas V. Joshi. The main objective of the workshop was to equip students with the basic to advance skills related to the field of Android development which is one of the recent trends in the market from the employment perspective.

The workshop concluded with the distribution of certificates to the participating students at the hand of resource person, Mr. Tejas Kasare. 30 students of Third Year MCA and 7 Faculty members of the department participated in the workshop. The workshop was coordinated by Prof. Rahul V. Kotawadekar and Prof. Shashank S. Tolye.

Photographs



Students engaged in a session during the workshop



Mr. Tejas Kasare with the students at the conclusion of the workshop



Distribution of certificates to the participating students

INSTITUTE INDUSTRY LINKAGE PROGRAMS

INSTITUTE INDUSTRY INTERACTION – REDHAT ACADEMY

The department of MCA organized an Institute Industry Interaction on 17th October, 2019. The resource person for the session was from Top IT Red Hat Academy, Pune, which is an authorized training partner of Red Hat.

Prof. Tejas V. Joshi, the head of department, introduced the guest speaker Ms. Kavita Patil and Dr. Shashikant Goilkar, Dean - Research and Development, felicitated her. Prof Atul Yadav, Deputy T&P Officer, was also present for the session. Dr. Shashikant Goilkar addressed the audience on the importance of learning open source technologies and taking it as a career path.

Ms. Kavita Patil shared information related to different certification courses of Red Hat and informed the students about the opportunities in the field of Red Hat Administration. The Red Hat Academy in association with the department of MCA has planned to start an authorized Red Hat Training Center on FAMT campus which would offer the training and certification at concessional fee. Ms. Kavita Patil encouraged the students to take the advantage of the global certification opportunities which will offered on the campus soon.

The session concluded with a vote of thanks by Prof. Kishor R. Bhosale. A total of 51 students from MCA department were present for the session. Prof. Waman R. Parulekar coordinated the session.

Photographs



Dean R&D, Dr. Shashikant Goilkar felicitating Ms. Kavita Patil



Dean R&D, Dr. Shashikant Goilkar expressing his thoughts during the session



Students engaged in the session by Ms. Kavita Patil

A LECTURE BY INDUSTRY EXPERT

The department of MCA organized an industry expert lecture on 16th October, 2019. Mr. Mrunal Mhaiskar from Protovet Technologies Pvt Ltd, Ratnagiri, was invited to conduct it. He works in the field of system design, software development, PLC programming, and SCADA.

Mr. Mrunal Mhaiskar was introduced by Prof. Kishor Bhosale and was welcomed by Prof. Tejas V. Joshi, the head of department. The main objective of the lecture was to introduce the students to a new application area and explore and use their programming skills. Mr. Mrunal Mhaiskar shared information on the use of programming in the field of PLC and SCADA and informed the students about the different opportunities in the field of automation.

A total of 34 students from MCA and other departments attended the expert lecture. The lecture concluded with a vote of thanks. Prof. Rahul V. Kotawadekar coordinated the lecture.

Photographs



Mr. Mrunal Mhaiskar guiding students during expert lecture

INDUSTRY EXPERT'S LECTURE

The department of MCA organized an Industry Expert lecture on 19th October 2019. Mr. Ashvek Desai, Open Destination Pvt. Ltd, Goa, delivered the lecture. He works in the field of software development and software products and has a service portfolio encompassing travel outsourcing, consultancy, etc.

The lecture began with a welcome address by the Head of the Department, MCA, Prof. Tejas V. Joshi introduced and welcomed Mr. Ashvek Desai. The lecture was related to the Spring Framework which is an application framework and inversion of control container for the Java platform. He presented an overview of the architecture, basic configuration, and design patterns related to the framework.

A total of 42 students from MCA departments attended the expert lecture. Prof. Ravindra V. Kerkar coordinated the lecture and concluded with a vote of thanks.

Photographs



The resource person, Mr. Ashvek Desai guiding students

INDUSTRY EXPERT'S LECTURE

The department of MCA organized an industry expert lecture on 31st October 2019. The resource person for the expert lecture was Dr. Ashish Tendulkar who is a Machine Learning and Artificial Intelligence Specialist at Google, G pay. He has completed his Ph.D. from IIT Bombay and was working as an Assistant Professor at IIT, Madras. He has a total experience of 11 years post Ph.D. in multiple domains and was working as a Vice President (Data Science) for Reliance Industries and Principal Data Scientist at Media.Net before joining Google.

The expert lecture was based on Machine Learning which is said to be the technology of the future and is going to be one of the most prominent areas from employment and career point of view.

The lecture began with a welcome address by Prof. Rahul V. Kotawadekar. Prof. Harshada Salvi, I/c HOD then introduced Dr. Ashish Tendulkar, followed by his felicitation by I/c Principal, Dr. Sanjay Kulkarni. Dr. Sanjay Kulkarni addressed the students and asked them to take the opportunity to learn new things.

Dr. Ashish Tendulkar started with the basics of Machine Learning, fundamental concepts, and explained the different types of machine learning like supervised, unsupervised, and reinforcement learning. He also explained some of the basic algorithms that are used in Machine Learning and the ways to implement them.

The lecture continued with the demonstration of Tensor Flow which is an end-to-end open source Machine Learning platform. Dr. Ashish Tendulkar demonstrated the implementation of some basic clustering and classification techniques with the help of tensor flow.

A total of 42 students from MCA departments attended the expert lecture coordinated by Prof. Kishor R. Bhosale. The lecture concluded with a vote of thanks.

Photographs



I/C Principal, Dr. Sanjay B. Kulkarni addressing the students



Dr. Ashish Tendulkar explaining the basics of Machine Learning during the lecture

ALUMNI-STUDENT INTERACTION

ALUMNI INTERACTION - MR. MANGESH SAWANT

The department of MCA in association with the Students Association of MCA (SAM) organized an alumni interaction session for the students on 18th October 2019. Our prominent alumni Mr. Mangesh Sawant, currently working as Team Lead and Full Stack Java Developer at Vertoz Pvt. Ltd., interacted with students.

He is also the winner of the prestigious Late. Smt. Mohini P. Chhabria award of Excellence in 2017.

The lecture began with a welcome address by the Head of the Department, MCA, Prof. Tejas V. Joshi. He introduced and welcomed the alumni, Mr. Mangesh Sawant. The interaction began with Mangesh sharing his experiences during his career. He also shared the opportunities and challenges he faced during the progress of his career and how to prepare for them. He told the importance of communication and interpersonal skills to achieve success. He later gave insights to the students related to the skills they will require to achieve if they are planning to choose Java as their career path.

He also explained the importance of keeping up with hobbies and fitness and how it impacts your career. He is a fitness trainer and a regular full marathon runner. The interaction concluded with a question-answer session where he addressed the student queries. A total of 42 students from MCA departments attended the interaction.

Asst. Prof. Rahul V. Kotawadekar coordinated the organization of the alumni interaction and gave the vote of thanks.

Photographs



Our alumni, Mr. Mangesh Sawant interacting with the students.

CULTURAL PROGRAMS

RASHTRIYA EKTA DIWAS

The Department of MCA celebrated Rashtriya Ekta Diwas or National Unity Day with an aim to pay tribute to Sardar Vallabhbhai Patel on his birth anniversary **on 31st October 2019**. On the occasion, all faculty members, students took pledge for unity. Dr. Sanjay B. Kulkarni, Dean Faculty presided over the event. Prof. Harshada Salvi administered a Unity pledge to the participants.

Photos of Rashtriya Ekta Diwas



INDUSTRIAL VISIT

MCA STUDENTS ON INDUSTRIAL VISIT TO ALTRUIST TECHNOLOGIES PVT. LTD., CHANDIGARH

The MCA students were on an Industrial Visit to Altruist Technologies Pvt. Ltd., Chandigarh. It was organized by the Department of MCA from 19th to 26th December 2019.

The objective of the industrial visit was to help the students gain first-hand information regarding the functioning of the industry. It provided the students the opportunities to plan, organize, and engage in active learning experiences both inside and outside the classroom.

A total of 31 students and 2 Faculty members visited Altruist Technologies Pvt Ltd, Chandigarh on 21st December 2019. Altruist Technologies Pvt. Ltd., is a leading provider of IT and Telecom Solutions in 50+ countries to over 100+ Enterprises across Asia, Africa, Europe & the Middle East. Altruist group is one of the largest and the most successful group with 11 companies and 12,000+ strong team, spread across various countries. The different sectors in which the company offers solutions are as follows:

1. Value-added Services like Content Services, Rich Media Services, and VAS Platforms.
2. Revenue Assurance and Fraud Management, QoS Analysis, Mobile Analytics.
3. Core Telcom Solutions, Billing Platform, Enterprise Platform, and Solutions.

Ms. Surabhi Gupta (Technical Lead, Altruist Technologies) and Ms. Kiran Luthara (Sr. Hr Executive, Altruist Technologies) conducted a session on "Working on Cross Platforms, Possibilities and Opportunities" for the students. The session started with the introduction of the basics of programming concepts. The basics were revised and the session continued the explanations of the current working platforms and ways to integrate them. The technical aspects related to the development of web cloud services and network management services were explained in detail with some real-life examples. The session concluded with the discussion of the different skill sets and also the career path in cross-platform computing and other related fields. A question-answer session was conducted thereafter where students discussed their queries.

The entire industrial visit was organized and coordinated by Prof. Rahul V. Kotawadekar and Prof. Harshada Salvi.

Photographs



Students engaged in a technical session during the industrial visit



Students along with Faculty at Altruist Technologies, Chandigarh after the visit

ACHIEVEMENTS / FDP / STTP / NPTEL BY FACULTY

NAME OF FACULTY	NAME OF MOOC / FDP / STTP COMPLETED	DURATION
Ravindra V. Kerkar	Programming in Java	NPTEL+FDP 12 Week
Waman R. Parulekar	Android App Development	4th To 6th Oct 2019
Shashank S. Tolye	Deep Learning Part-1	12 Weeks FDP
Shashank S. Tolye	Introduction to Research	8 Weeks FDP
Rahul V. Kotawadekar	Cloud Computing	NPTEL