

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 Department of Master of Computer Application

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Editor – Dr. Terence K. Johnson, Associate Professor & HOD

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.

STUDENT ALUMNI INTERACTION ORGANIZED BY DEPARTMENT

STUDENT ALUMNI INTERACTION

Interactions with Alumni were held by the Department of MCA on **15th January 2018** to exchange knowledge and build a strong relationship between the students and the alumni. Prof. Ravindra V. Kerkar introduced alumni **Mr. Parag Masurkar (Digital Marketing Executive, Metier Media Pvt. Ltd.)** and **Miss Shraddha Chiplunkar (Software Developer, Switch2 Tech Pvt. Ltd.)**.

Mr. Parag Masurkar educated students about the field of digital marketing, career opportunities in this domain and gave information about the courses available for digital marketing. Digital marketing is the marketing of the products or services using digital technologies on the internet including mobile phones, display advertising and any other digital medium.

Miss Shraddha Chiplunkar guided the students on career opportunities in the Dot NET technology. She emphasized the need for learning basic things and technologies which are required for dot net developer like MVC architectural pattern, jQuery, AngularJs etc. Prof. Ravindra V. Kerkar who had coordinated the program also gave the concluding remarks and the vote of thanks.



Mr. Parag Masurkar interacting with MCA students

EXPERT LECTURE ORGANIZED BY DEPARTMENT

EXPERT LECTURE ON “GitHub”

An Expert Lecture on “GitHub” was organized by the Department of MCA on **17th January 2018**. Prof. Ravindra V. Kerkar coordinated the program that aimed at introducing and sharing insights into new technologies. The resource person **Mr. Abhay Bhawe (Developer, Gadre Infotech, Ratnagiri)** was formally introduced by Prof. Varunraj S. Pandit and felicitated by Prof. Tejas V. Joshi (Head, Department of MCA) during the inaugural session.

GitHub (originally known as Logical Awesome LLC) is a web-based hosting service for version control using git. It is mostly used for computer code which offers the whole distributed version control and source code management (SCM) functionality of Git by adding its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, and wikis for every project. GitHub offers both plans for the private and the free repositories on the same account which are commonly used to host open-source software projects.

The lecture covered the introduction on GitHub and the use of various commands of git. The program helped students to gain knowledge of using efficient version control service for computer code using git. The expert lecture ended with the vote of thanks proposed by Prof. Ravindra V. Kerkar.



Mr. Abhay Bhawe interacting with MCA students



Students gaining knowledge from the expert

PARENT MEETING ORGANIZED BY DEPARTMENT

PARENT MEETING OF MCA STUDENTS

Department of MCA had organized Parent Meeting on **10th March 2018** to give information to parents regarding workshops, events organized by Student Association of MCA, Students Achievements, Training and Placement activities, Semester wise Result analysis and various other ongoing activities for MCA students.

The program started with presence of Faculty Dean **Dr. Sanjay B. Kulkarni**, Head of MCA Department **Prof. Tejas V. Joshi**, Training and Placement Head of FAMT **Prof. Kishor R. Bhosale** and Coordinator of Student Association of MCA **Prof. Ravindra Kerkar**. **Prof. Harshada U. Salvi** welcomed parents. **Dr. Sanjay B. Kulkarni** guided the parents and students through his address. **Prof. Tejas V. Joshi** guided the parents and students regarding importance of attending various technical courses at departmental level. **Prof. Ravindra V. Kerkar** delivered presentation on various workshops, events, seminars organized by Student Association of MCA, Students achievements for academic year 2017-2018.

Prof. Kishor R. Bhosale counselled the audience regarding various Training and Placement Activities and the importance of various factors which increases student employability skill. Parents provided their valuable suggestions and feedback. **Prof. Waman R. Parulekar** expressed the vote of thanks.



Prof. Tejas V. Joshi guiding the parents and students

EVENTS ORGNISED BY STUDENT ASSOCIATION OF MCA DEPARTMENT

WORLD SPARROW DAY CELEBRATION

The Department of MCA and Student Association of MCA (SAM) celebrated **“World Sparrow Day” on 26th March, 2018**. The house sparrow is believed to be declining for various reasons ranging from the destruction of its habitat to lack of insect food for the young and increasing microwave pollution from mobile phone towers. **“Nature Forever Society”** realized that there is considerable fall in the rate of sparrows. So in 2010 they declared 20th March as ‘World Sparrow Day’ to conduct awareness among people about the importance of sparrows & fall in their rate.

The students of MCA celebrated the day by conducting short presentations on sparrows and Environmental Awareness and by arranging drawing competitions in various schools across Ratnagiri for students of class 7th & 8th.

The students of FY and SY MCA executed the program in groups by visiting different schools to present seminars on sparrows and environment awareness. They conducted the drawing competition based on the topic ‘Birds’. Approximately **581 students** of various schools in Ratnagiri region attended the “World Sparrow day” presentation and approximately **321 students** participated in the drawing competition. Around **07 schools** from Ratnagiri region

encouraged and supported the event. The school students were quite excited & interested in this event.



Miss Priti Naik delivering the presentation at A. K. Desai High School



M. S. Naik High School's students engaged during the drawing competition



Mr. Pundalik Bhoi delivering a presentation to **Patwardhan High School's** students



Miss Kirti Gore delivering a presentation to **Shirke Gurukul's** students

DRAWING EXHIBITION

The Student Association of MCA (SAM), Department of MCA organized a Drawing Exhibition on **21st April 2018** to give the message **“SAVE BIRDS SAVE NATURE”**. **Dr. Kaushal Prasad (Principal, FAMT)** inaugurated the drawing exhibition in the presence of **Prof. Tejas V. Joshi (HOD, MCA), MCA Faculty and students. Prof. Ravindra V. Kerkar** coordinated the exhibition with the help of **Prof. Varunraj S. Pandit**.

The creative works of art collected during World Sparrow Day Drawing Competitions organized by SAM were put on display during the exhibition which included drawing and sketches of various birds. FAMT students and faculty visited the exhibition, appreciated the work and gave their valuable feedback.



Dr. Kaushal Prasad (Principal, FAMT) inaugurating the drawing exhibition



Faculty members viewing the sketches during the exhibition



Students viewing the sketches during the exhibition

ACHIEVEMENTS BY FACULTY

1. Paper title **“VoiceXML - A Digital Document Standard for Voice Dialog”** published in “International Journal of Scientific Research in Science, Engineering and Technology” by Prof. Rahul Kotawadekar, Mr. Prathamesh Mahakal and Mr. Harshad Salvi.
2. Paper title **“Enhanced K Strange Points Clustering Using Bat Inspired Algorithm”** published in “International Journal of Computer Science Engineering and Information Technology Research” by Dr. Terence K. Johnson, Gaurav Chibde, Pooja Fadte, Ambali Falari, Saish Gholkar, Sujay Nabar.
3. Paper title **“The Bisecting Min Max DBSCAN Algorithm”** published in “International Organization of Scientific Research - Journal of Computer Engineering” by Dr. Terence Johnson, Kedar Prabhu, Shubham Parvatkar, Apurva Naik, Pundalik Temkar.
4. Paper title **“Ubiquitous Computing Architecture, Applications and Challenges”** published in “International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSCCE)” by Prof. Waman R. Parulekar.
5. Paper title **“RFID Based Automatic Student Attendance and Parent SMS Notification System”** published in “International Journal of Scientific Research in Science and Technology (IJSRST)” by Prof. Waman R. Parulekar and Damini D. Bhingarde.
6. Paper title **“Smart E-Governance system for Kurle Grampanchayat”** published in “International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)” by Prof. Waman R. Parulekar and Shradhha Padave.
7. Paper title **“Proposed Duty Registration Application for Reserved Police Force Head Quarter”** published in “International Journal of Engineering Technology Science and Research” by Prof. S. S. Tolye, F. Haju, A. R. Kadam and S. S. Manjarekar.

ACHIEVEMENTS BY STUDENTS

1. Mr. Aniket Marathe (SYMCA Student) and Miss Sayali Gune (SYMCA Student) secured **1st Place in Project Presentation** event in State Level Competition “**Talent Mania 2K18**” organized by **DBJ College, Chiplun**.
2. Miss Sayali Gune (SYMCA Student) secured **2nd Place in IT Hunt** event in State Level Competition “**Talent Mania 2K18**” organized by **DBJ College, Chiplun**.
3. Mr. Aniket Marathe (SYMCA Student) and Miss Sayali Gune (SYMCA Student) secured **2nd Rank** in National Level “**Shri Eknath Thakur Student Innovative Project Competition**” organized by **Sant Rawool Maharaj Mahavidyalaya, Kudal** held on 15th February 2018.
4. Mr. Aniket Marathe (SYMCA Student) and Miss Sayali Gune (SYMCA Student) acquired **1st Rank** in **Quiz event in “ELEKTRA 2k18”** organized by **EESA** on 29th and 30th of January 2018, held in Finolex Academy of Management and Technology, Ratnagiri.