

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 Application Department

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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.

VALUE ADDED COURSE ORGANIZED BY DEPARTMENT

VALUE ADDED COURSE – IOT PROGRAMMING USING RASPBERRY PI AND INTEL EDISON BOARDS

A value added course on “IoT Programming using Raspberry Pi and Intel Edison Boards” was conducted by the Department of MCA for the students of Third Year MCA from 2nd July 2018 to 6th July 2018.

The objectives of the course were to introduce the students to the core concepts of Internet of Things (IoT), make them understand the building blocks & characteristics of IoT and to explain the role & scope of smart sensors for ensuring convergence of technologies.

The course covered various topics starting from the basics of IoT, different operating systems used on IoT, basics of the different programming languages related to IoT and more. The students were also given hands on training during the practical sessions, where the students experienced and understood how to use the different boards such as Raspberry Pi and Intel Edison Boards. The students also performed simple programs using different components and sensors during the practical sessions. The course concluded with a session on how to align their IoT Projects with research papers.

The course was successfully conducted with coordination and support from Asst. Prof. Kishor Bhosale, Asst. Prof Ravindra V. Kerkar, Asst. Prof. Waman R. Parulekar and Asst. Prof Rahul V. Kotawadekar as the Resource Faculty for the course.



Hands On by students during Practical Session



Asst Prof. Rahul Kotawadekar with students during the hands on session



Asst. Prof. Ravindra Kerkar explaining Intel Edison Board to students



Asst Prof. Kishor Bhosale in a session of applying Fuzzy Logic in IoT



Asst Prof. Waman Parulekar conducting the session on “Wrting a Research Paper”

WORKSHOPS / EXPERT LECTURES ORGANIZED BY DEPARTMENT

ONE DAY WORKSHOP ON CREATING APIs USING LARAVEL FRAMEWORK

A Workshop on “**Creating API’s using Laravel Framework**” was conducted by the department of MCA on **11th August 2018** for Second and Third Year MCA students. It was coordinated by **Asst. Prof. Kishor R. Bhosale** and conducted by **Asst. Prof. Komal R. Bhosale**. **Asst. Prof. Tejas. V Joshi** introduced resource person and **Asst. Prof. Harshada U. Salvi** welcomed the guest. The workshop covered various theoretical concepts and practical sessions regarding Laravel Framework. It helped the students to get practical knowledge of designing more standard and professional looking APIs. **Asst. Prof. Ravindra V. Kerkar** expressed the vote of thanks.



Asst. Prof. Tejas V. Joshi introducing the resource person Ms. Komal R. Bhosale



Workshop Session in progress

INDUSTRY EXPERT VISIT ORGANIZED BY DEPARTMENT

STUDENT- INDUSTRY EXPERT INTERACTION ON CAREER IN SOFTWARE DEVELOPMENT

Student – Industry Expert Interaction on Career in Software Development was organized by the department of MCA on 28th July 2018. The program's aim was to share knowledge, experience and give industry insight to the students.

Mr. Azhar Bandri was present as the resource person and industry expert for the session, who works as a Project Manager at Pleximus. Pleximus is an emerging IT firm in Ratnagiri. **Dr. Terence K. Johnson, Head of Department of MCA**, welcomed Mr. Azhar Bandri.

Mr. Azhar Bandri guided the students regarding the career path of software development, preparation and mindset required before entering into the market. He shared some his personal experiences along with students to give them an insight about how to face challenges and not to lose focus. He also explained the changing market trends and different opportunities available after completing the Post-Graduation.

The program was coordinated by **Asst. Prof. Kishor R. Bhosale** and **Asst. Prof. Tejas V. Joshi** expressed the vote of thanks.



Mr. Azhar Bandri being welcomed by Dr. Terence K. Johnson, Head of Department of MCA and Asst. Prof. Tejas V. Joshi



Students engaged in the session delivered by Mr. Azhar Bandri



The students along with the faculty members and the resource person at the conclusion of the interaction session.

TECHNICAL FEST ORGANIZED BY DEPARTMENT

ORGANIZATION OF TWO DAY TECHNICAL FEST – EXCELLENTIA 2K18

The SAM is the student association of the Department of MCA that organizes technical and non-technical events for students every year. This year too, the SAM organized a two day technical fest **EXCELLENTIA 2K18** from **28th to 29th September 2018**.

The Excellentia 2K18 Tech Fest was inaugurated by Principal Dr. Kaushal Prasad in the presence of **HOD - MCA Dr. Terence K. Johnson**, **SAM Faculty In charge Prof. Rahul Kotawadekar** and faculty members of the Department of MCA.

The TechFest included various technical events like Web Hackathon, Code It, Google It & Tech Hunt, nontechnical events like Debate, Quiz and gaming events like PUBG, Counter Strike, FIFA. Box Cricket, an event which is very popular among students was also organized as a part of the fest this year.

The Tech Fest was a huge success with a participation of approximate 400 students from Finolex Academy of Management and Technology as well as the students from different colleges like Gogate Jogalekar, S. P. Hegshetye, RMCET, Athalye Sapre Pitre, Government Polytechnic, Lanja, Khare Dhere of Ratnagiri District and SRM, SPK and Yashwant Rao Polytechnic of Sindhudurg District.

A Rolling Trophy for Excellentia was instituted from this year for the overall winner in technical events which was won by The Sant Rawool Maharaj College, Kudal for securing first place in events of Web Hackathon, Google It and Tech Hunt.

The entire planning and organization of the Tech Fest was smoothly executed by the **SAM Chief Coordinator Mr. Aniket Marathe** and **SAM Assistant Chief Coordinator Mr. Prasad Ogale** with the help of the entire team of event coordinators and student volunteers under the guidance of Head of Department, **Dr. Terence K. Johnson** and SAM Faculty In charge **Asst. Prof. Rahul V. Kotawadekar**. All the other faculty members of the department, **Asst. Prof. Tejas V. Joshi**, **Asst. Prof. Harshada U. Salvi**, **Asst. Prof. Ravindra V. Kerkar**, **Asst. Prof. Kishor R. Bhosale** and **Asst. Prof. Waman R. Parulekar** also provided timely guidance as and when needed for the organization of the event.



Principal Dr. Kaushal Prasad inaugurating Excellentia 2K18



Dr. Terence K. Johnson, Head, Department of MCA addressing the audience during the inaugural function



The team of Sant Rawool Maharaj Collge, Kudal receiving the Rolling Trophy of Excellencia
2K18

ALUMNI INTERACTIONS ORGANIZED BY DEPARTMENT

MCA STUDENTS – ALUMNI INTERACTION

Student – Alumni Interaction was held by the department of MCA on 27th October 2018. The program aimed to share knowledge and experience, and build the strong relationship between students and alumni. **Mr. Sachin Mhapankar, Software Developer at Xento Systems Pvt. Ltd, Mr. Mandar Marathe, Software Developer at Persistence Systems Ltd, Mr. Omkar Pandit, Developer at Parex Technologies Ltd**, were invited for the interaction. Prof. Waman R Parulekar welcomed and introduced the alumni.

They guided the students regarding how the actual software development is executed in the industry. They also emphasized on the development of good communication and presentation skills as well told the importance of management skills in the career. They suggested the students to practice and master the basics concepts of programming and at the same time keep updated with the trending technologies in the market.

Asst. Prof. Ravindra V. Kerkar coordinated the program and **Asst. Prof. Harshada U. Salvi** expressed the vote of thanks.



Asst. Prof. Harshada U. Salvi introducing the Alumni to the students.



Our alumni Mr. Sachin Mhapankar, Mr. Mandar Marathe, and Mr. Omkar Pandit interacting with the students.

ACHIEVEMENTS BY FACULTY

1. Elite Certificate was awarded to **Asst. Prof. Ravindra V. Kerkar** in NPTEL Online Certification for successfully completing Introduction to Internet of Things Course
2. Elite Certificate was awarded to **Asst. Prof. Harshada U. Salvi** in NPTEL Online Certification for successfully completing Introduction to Internet of Things Course
3. Elite Certificate was awarded to **Asst. Prof. Waman R. Parulekar** in NPTEL Online Certification for successfully completing Introduction to Internet of Things Course
4. **Asst. Prof. Rahul Kotawadekar** was nominated as District Co-coordinator for University of Mumbai 51th Inter-Collegiate Cultural Youth Festival 2018-19 for Zone X (Ratnagiri and Sangmeshwar Talukas)

AWARDS BY FACULTY

Dr. Terence K. Johnson Receives Award for Best Research Paper

Dr. Terence K. Johnson, Associate Professor & Head - Department of MCA won the award for Best Research Paper for his paper titled “Enhanced K Strange Points Clustering Using Bat Inspired Algorithm” published in International Journal of Computer Science Engineering and Information Technology Research.

Dr. Terence K. Johnson Receives Bharat Vikas Award 2018

Dr. Terence K. Johnson, Associate Professor & Head - Department of MCA, was awarded Bharat Vikas Award 2018 by Institute of Self Reliance, Bhubaneswar, for his loyalty, diligence and outstanding performance in the field of Data Structure & Analysis of Algorithms.

He received this honor on the occasion of **National Seminar on Intellectuals’ Social Responsibility** held on December 01, 2018 at Bhubaneswar, Odisha. The award was presented to **Dr. Terence K. Johnson** by **Shri Prashanta Nanda**, Noted Film Maker and Member of Parliament-Rajya Sabha in the presence of **Shri. C.V.R. Subudhi**, Director of ISR and **Shri. K. Raghunatham Subudhi**, Patron of ISR.



The Principal, the management & the entire team FAMT conveyed their good wishes and congratulated him on this momentous success.

