



Panel Discussion on "Scope and Career Opportunities after MCA"

The Department of MCA, KKWIEER Nashik, has organized a Panel Discussion on "Scope and Career Opportunities after MCA" On Saturday, 15th October at 11:00 AM in an online mode.

The panelist for the discussion were Ms. Mamta Patel, IT Project Coordinator, Winjit



Technologies Pvt. Ltd., Mr. Avinash Kotkar, Consultant, Luxoft Financial Services, Mr. Akash Randive, Senior Operation Engineer, Cloudera and Mr. Prashant Khule, Consultant Specialist, Birla Soft.

Orientation Programme

Department of MCA has organized an Orientation Programme for newly admitted FYMCA students of First Autonomous batch from 9th Nov. 2022 to 11th Nov. 2022. Welcome function was graced by Mr. Hemant Nikam, Cofounder and Director of Ultimate Internet Games Pvt. Ltd., Dr. K. N. Nanadurkar, Director of KKWIEER, Nashik and Dr. S. Y. Kute, Dean of Academics. After the welcome function, Ultimate Internet Games Pvt. Ltd Center of Excellence was inaugurated at MCA Lab I by Mr. Hemant Nikam.

Felicitation Program for the Students placed in Narola Infotech L. L. P., Surat, Gujrat

Department of MCA has organized felicitation program for 19 students placed in Narola Infotech L. L. P., Surat, Gujrat through campus drive. The company had organized the campus drive for the second-year students having average 60% marks in their academics. 19 students got the Placement through the process and got average 3 lakhs of package.



30 hrs. Certification course on 'Problem Solving Approach on Data Structures'

The Department of MCA has organized a 30hrs certification course on 'Problem Solving Approach on Data Structures' from 1st to 13th October 2022 for SYMCA students. This certification course was conducted by Prof. S. P. Kangune and Prof. R. R. Patil under the guidance of Head of Department Dr. V. C. Bagal.

Students Achievements

Utkarsha Katkar, SYMCA student from Department of MCA has secured 2nd rank in the essay writing competition on the theme "Are women really empowered?" held on 22nd October 2022 organized by ISTE students' chapter of KKWIEER, Nashik.



Mini Project Competition for SYMCA students

A mini project competition for the course "Project Based Learning- II" was conducted on 7th and 8th Dec 2022 organized by the Department of MCA.

Prof. Dr. Y. D. Bhise, Assistant Professor, Computer Engineering Department & Prof. Yogita Shewale, Information Technology Department, KKWIEER, Nashik worked as judges for the competition. Total 37 groups participated in the competition.

The activity was coordinated by Prof. Sujata Kangune, MCA Department under the guidance of Head of Department Prof. Dr. Vandana Bagal.



Online Session on "Introduction to Constitution"

The Department of MCA has organized an online session on "Introduction to Constitution" on Saturday 17th Dec 2022.

Design Contest

Department of MCA has organized a Design Contest for FYMCA Students on 21st Dec 2022

from 1.30pm to 3.00pm. Prof. Nayana Jangle, Assistant Professor, Department of Electrical Engineering, KKWIEER, Nashik worked as a judge for the Design Contest. Total 7 groups were participated in this event and three rankers were selected.



Expert Talks, Webinars, and Workshops organized

- **8th July 2022:** Expert talk on "PHP and Software Development" by Mrs. Tushar Kuwar, Mrs. Syali Bhirud, and Mrs. Kavita Shelkar, Sr. Software Developer and VP-Technology Head, Datagrid Solutions, Nashik.
- **9th July 2022:** Expert talk on "Need of Best Practices for Android Development" by Ms. Sudha Donde, Software Engineer, Express Software Edu. & Tech Pvt. Ltd., Nashik.
- **16th July 2022:** Expert talk on "Emerging Domains of Cyber Security and Cyber Threats" by Mr. Dipanshu Parashar, Founder, Virtual Cyber Labs, Nashik.
- **26th July 2022:** Expert talk on "Computer Network" by Shilpa Chaudhari, Associate Professor, MSRIT Bangalore.
- **30th August 2022:** Expert talk on "Import-Export and Opportunities in Business" by Viral Shah, CEO, The Soft Academy.

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Vision: To develop industry ready computer professionals who can deploy front-line technologies for societal problems



- **30th August 2022:** Expert talk on "Forex and Stock Market" by Mr. Ashutosh Shrivastav, Stock Trainer, The Soft Academy.
- **1st September 2022:** Expert talk on "Digital Marketing" by Forum Marfatia, Trainer, The Soft Academy.
- **14th November 2022:** Expert talk on "Need of Software Testing and Current Trends in Software Testing Automation" by Mr. Bhushan P. Bakal. Coordinated by Prof. A. L. Rane under the guidance of HoD Dr. V. C. Bagal.
- **22nd November 2022:** Expert talk on "Game Development" by Mr. Vaibhav Mahajan, Founder and CEO, AbracaDabra, Nashik.
- **26th November 2022:** Expert talk on "Scope and Opportunities in Cloud Computing" for SYMCA students by Shrirang Mokashi.
- **2nd December 2022:** Expert talk on "Cloud Computing" for FYMCA & SYMCA students by Mrs. Archana V. Bendale, Java Trainer, SoftCrowd Technologies, Nashik. Coordinated by Prof. R. R. Patil, Prof. A. D. Acharya, and Prof. A. L. Rane.
- **22nd December 2022:** Expert talk on "Logical and Lateral Thinking" for FYMCA students by Mr. Shrikant Karode, SME, Nashik.
- **23rd December 2022:** Expert talk on "Career Opportunities after MCA" for FYMCA students by Mr. Rakesh Agrawal, Product Owner, Amdocs, Pune.
- **30th December 2022:** Webinar on "Financial Literacy" by Mr. Vikrant Deshmukh,

Chartered Accountant, Founder, MoneyKey Finserv.

▪ **Paper Publications:**

• **Motions Detection of Senior Citizen Using Machine Learning**

Prof. Dr. V. C. Bagal presented a paper on Motions Detection of Senior Citizen Using Machine Learning in International Journal of Science and Research (IJSR) ISSN: 2319-7064 SJIF (2022): 7.942

Abstract: Recognizing human motions is important from security point of view at any level and scenario. As there are plenty of human motions in a fraction of second, so classification of each motion is challenging task in real world. A Human activity Recognition System recognizes the Shapes and or orientation depending on implementation to task the system into performing some job. Movement is a form of nonverbal information. A person can make numerous movements at a time. The proposed work aims to detect the movement and actions of a person using image detection methodology. Human activity recognition (HAR) aims to recognize activities from a series of observations on the actions of subjects and the environmental conditions. The vision-based HAR research is the basis of many applications including video surveillance, healthcare, and human-computer interaction (HCI). The proposed work is suitable to identify objectionable human motions of senior citizen who live alone at home.



- **Power system restoring based on Artificial Neural Network**

Prof. R. R. Patil, Prof. J. R. Sohale and Prof. S. P. Kangune presented a research paper on Power system restoring based on Artificial Neural Network in International Advanced Research Journal in Science, Engineering and Technology Volume 9, Issue 7, July 2022

DOI: 10.17148/IARJSET.2022.9732.

Abstract: Abstract: Power companies now days are using different techniques for restoration of Power. There are many laid down procedures to be followed for Power restoration. Computer aided system can find more effective ways for power restoration. There are many challenges for power restoration. This paper briefly proves the idea behind the Artificial Neural Network in power restoration. It also describes the types of the Artificial Neural Network, their structures, different learning methods and power restoration methods. The power restoration plans are made by the Artificial Neural Network with the help of the power system restoration plan

- **Study of Cryptography Encryption for Network Security**

Prof. M. E. Maniyar presented a paper on Study of Cryptography Encryption for Network Security in Intl Advanced Research Journal in Science, Engg and Technology, Vol.9, Issue.7 in July 2022

Abstract: In order to provide security for network and data transmission for wireless network, cryptography and network encryption techniques are being used. One of the key aspects of wireless network data

transmission is to provide data protection and security. In the wireless networks sensors are linked to the base station. The need for protecting wireless network sensor is very critical and hence encryption and network security are essential. Network security comprises security for the entire network system. Network security is important because it protects valuable data, which, when possessed by the wrong person, could end up causing a wide spectrum of problems, from inconveniences to catastrophes. An organization without adequate network security cannot function. Secure communication can be achieved through various encryption techniques viz. cryptography, digital signatures, steganography, digital watermarking etc. Cryptography is a technique of encryption used to secure information and protect the network, as various networks are related and admire attacks and intrusions. In this paper we discuss the cryptography with its aims, forms and algorithms.

*Editor: Ms. Sujata P. Kangune,
Assistant Professor, Dept. of MCA,
K. K. Wagh Institute of Engineering
Education and Research, Nashik-422003
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K. K. Wagh Institute of Engineering
Education and Research, Nashik-422003*

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- To nurture innovation by encouraging solution-oriented approaches, promoting research, and facilitating collaborations with industry and academia.
- To foster professional ethics and social responsibility by preparing graduates to use technology for sustainable development and social benefit.