



Department of MCA
News Letter : Coverage
January 2022 – June 2022



Induction program

Department of MCA has organized an Induction Program to welcome newly admitted students. The duration of induction program was 4 days, from 21st December to 24th December 2021. The program was organized in an online mode. Mr. Natesh Vedgiri, Co-founder and CEO, Bluepineapple, Pune., Dr. P. K. Shahabdkar, Trainign and Placement Officer, KKWIEER, Nashik, Dr. Pratibha Chandak, Dr. V. S. Mane, Mr. Mahesh Rasal, Mrs. Angha Joshi, Mr. A. V. Avhad, Mr. Samadhan Shinde were the chief guests of the program. Total 75 participants had participated in the programme on daily basis. The aim of orientation programme was to help the newly admitted students to adjust themselves with the department as well as college environment.

Seminar on Basics of Programming using C Language

A one day seminar on Basics of Programming using C Language was conducted by Mr. Ghanshyam Bagul, Founder, Bytes System on 4th January 2022. He discussed the topics such as Basics of C language, Features, arrays, pointers, functions, file handling in c etc.

Certificate Course on "Trends in Web Application Development"

A Certificate Course on "Trends in Web Application Development" is conducted by Mr. Tushar Maheshwari Mr. Arun Kumar, Mr. Aditya Gusain from 10th Oct 2021 To 17th Feb 2022. Topics such as Chatbots and Artificial

Intelligence, Motion UI, Block Chain etc. were discussed by the expertise during the session.

Certificate Course on "Problem Solving and Programming in C & SQL"

A Certificate Course on Problem Solving and Programming in C & SQL" is conducted by Ms. Vaishnavi Malusare from 8th Jan 2022 to 18th Jan 2022. Topics such as understating the problems, analyzing the problems, developing the solution, its coding and implementation using c and SQL etc. were discussed during the session.

Virtual Industrial Visit

A Virtual industrial visit at Nutshell Info soft Pvt. Ltd., Nashik is organized on 25th Feb 2022. Mr. Shreyas Brahma, CEO had given the information about services and functions provided by Nutshell Infsoft pvt. Ltd. He explained the establishment & working details of his company. The objective of this industrial visit is to enhance understanding of subject through exposure to industrial practices.

Expert Talk on "Object Oriented Programming with a Real-World Scenario"

An expert talk on "Object Oriented Programming with a Real-World Scenario" was conducted by Mr. Vamsi Anil Modali from Mind tree Limited, Bangalore on 28th Feb 2022. He discussed various aspects of Object Oriented Programming with a Real-World Scenario with real life examples.

Expert Talk on “Cloud computing”

An expert talk on “Cloud Computing” is conducted by Mr. Ghanshyam Pawar on 28th Feb 2022. Topics such as applications of cloud computing, models of cloud computing, its infrastructures etc were discussed in this session.

Certificate Program on “Experiential IOT Learning Using Cloud Computing”

A five days Certificate Course on “Experiential IOT Learning Using Cloud Computing” was conducted by Department of MCA from 2nd Mar 2022 to 7th March 2022. Dr. R. S. Tiwari (Director, Cognifront, Nashik) , Mr. Swaraj Tade(IOT developer and Trainer, Cognifront, Nashik) , Ms. Anita Mahale(Senior IOT developer, Cognifront, Nashik),Ms. Yogita Patil (IOT developer and Trainer, Cognifront, Nashik),Ms. Rujuta Mahajan (IOT developer, Cognifront, Nashik) has guided during the various sessions in this workshop. Topics such as Sensors and Actuators and Architecture of Adriano Board, Using IDE and Serial Monitors, Interfacing Push Buttons, LEDs, LCD, Buzzer, LDR and DHT11 sensors Interfacing DC and Servo motors, Access Control and Identification using RFID, Wireless Communication through Bluetooth , Architecture of Raspberry Pi, Sensor Interfacing with Raspberry Pi Led Bar, Buzzer, DHT11, Sending and Receiving Cloud data through WiFi, ThingSpeak IOT Cloud Platform using Raspberry Pi, IOT Applications and Project Discussions were discussed during this five days’ workshop.

Expert talk on “Application of Emotional Intelligence in Practical World”

An expert talk on “Application of Emotional Intelligence in Practical World” is conducted by Mr. Yogesh Phadtare , Consultant Psychologist, Career counsellor, Thane on 12th March 2022.



Expert Talk on” Financial Planning and Literacy”

An expert talk on” Financial Planning and Literacy” was conducted by Dr. Paresh Sheth, Dr. Mitez Sheth on 28th Apr 2022. Topics such as overview of financial planning, benefits, fundamental components of financial literacy, its importance were discussed in this session.

Expert Talk on” Red Hat Learning”

An expert talk on” Red Hat Learning” was conducted by Mr. Shaikh Gayas, Mr. Riyaz Kureshi, Mr. Adiyta Bacchav on 9th May 2022. Students got aware about the scope and opportunities for career development in Red Hat Enterprise Linux by this session.



Expert Talk on “ Full Stack Development”

An expert talk on “ Full Stack Development” is conducted by Mr. Aniket Sengupta on 14th May 2022. He gave the brief idea about what does “Full Stack” mean, what is front end developer, back end developer, what are the skills needed to become a full stack developer etc.



Expert Talk on “ React Native Android AI”

An expert talk on “ React Native Android AI” is conducted by Ms. Dhanshree Tambe on 21st May 2022. She demonstrated of how to use React Native app for developing Andriod applications using Artificial Inteligence during the session.



Workshop on “ CV Writing”

A one day Workshop on “ CV Writing” is conducted by Mrs. Shilpa M. Kulkarni on 28th May 2022. She discussed topics such as when to use CV instead of resume, what to include, what not to include within your CV, how long it should be, how to write it professionally. Students also practiced to write the CV on the next day of session in a lab.

Publication Details

Title: A Survey on Proxy Re-Signature Schemes for Translating One Type of Signature to Another

Author: Prof. A. L. Rane

Published in: Cybernetics and Information Technologies , eISSN1314-4081, Volume & Issue: Volume 21 (2021) - Issue 3 (September 2021)

Abstract: Proxy Re-Signature (PRS) complements well-established digital signature service. Blaze-Bleumer-Strauss discussed PRS in 1998 for translating a signature on a message from Alice into a signature from Bob on the same message at semi-trusted proxy which does not learn any signing-key and cannot produce new valid signature on new message for Alice or Bob. PRS has been largely ignored since then but it has spurred considerable research interest recently for sharing web-certificates, forming weak-group signatures, and authenticating network path. This article provides a survey summarizing and organizing PRS-related research by developing eight-dimensional taxonomy reflecting the directional feature, re-transformation capability, re-signature key location, delegatee involvement, proxy re-signing rights, duration-based revocation rights, security model environment, and cryptographic approach. Even though multi-dimensional categorization is proposed here, we categorize the substantial published research work based on the eighth dimension. We give a clear perspective on this research from last two-decades since the first PRS-protocol was proposed.

Sr. No	Name of the Company	No. of students Placed
1	Bluepineapple	1
2	Winjit technologies	3
3	Cognizant	1
4	Capgemini Technology Solutions	7
5	Aress	5
6	TCS	2
7	Web soft IT Solutions	5
8	Yashuss Unlimited Business Solutions pvt Ltd.	1
9	ESDS	3
10	Sys Tools Software Private Ltd	1
11	Alies Group, Nashik	1
12	eQ Technologies	1
13	Doctor V . Pawar Medical college	1
14	Hexaware	1
15	Vyakto Tec hnologies, Pvt Ltd	1
16	NSCPL	1
17	Accenture	1
18	Ashoka Education Foundation	1



Fig. Photo of placed students 2021-2022 batch

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