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.

Industry Expert Lecture

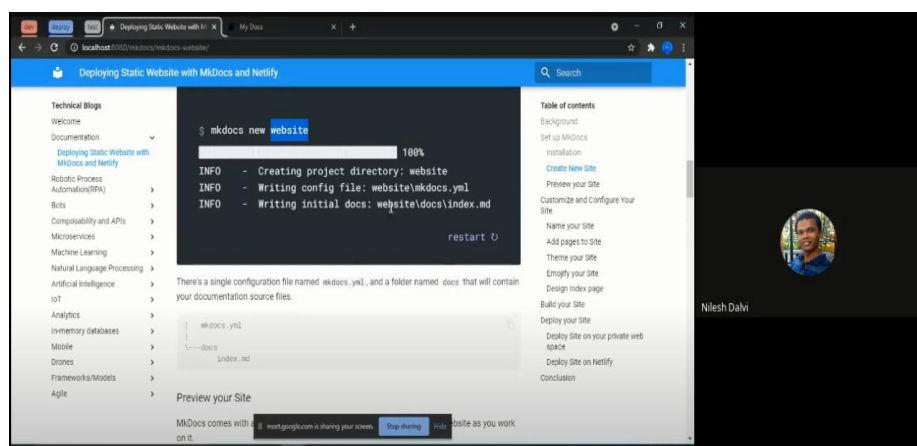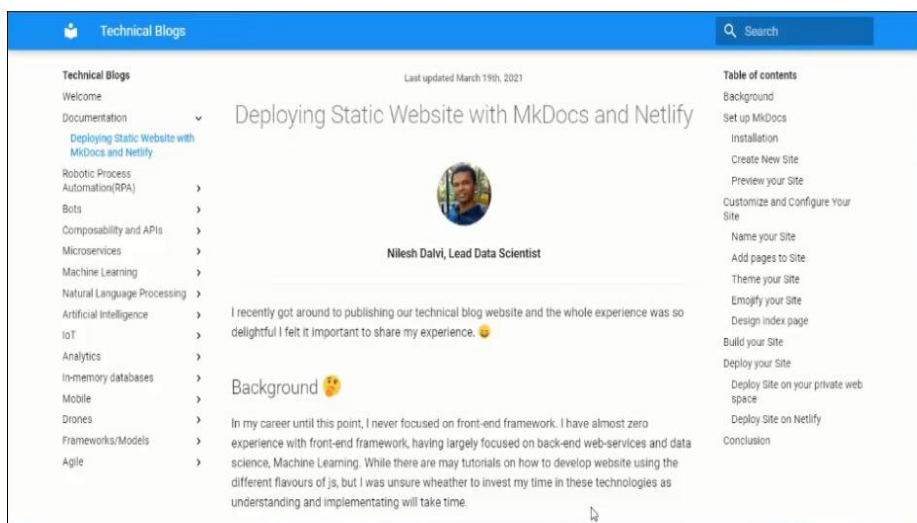### Industry Expert Lecture on Deploying Static Website using MkDocs and Netlify

The **department of MCA** organized an **Online Industry Expert Lecture** on 21st March 2021. The resource person for the expert lecture was Mr Nilesh Dalvi from PMAM Corporation, Mumbai, which is a global information technology company and is a leader in building Software As A Service (SAAS) application solutions and fully managed services/products for law enforcement, sales, human resources, healthcare and other industries.

Mr Nilesh Dalvi is a Data Scientist and is currently associated with PMAM Corp and driving different AI projects & training. In his AI career, he has explored various open source technologies including Tensorflow for Deep Learning, Scikit-learn for Machine Learning and also has delivered lectures, workshops, FDP, STTP in the field of Machine Learning and Deep Learning. Before PMAM, he worked at Cere Labs as Artificial Intelligence Consultant. He took an initiative in the process of setting up 'Chikitsak Samuha's Education Centre' at Kudal, Maharashtra, for the benefit of students in the Kokan region.

The lecture began with a welcome address by the Head of the Department , Prof Tejas V. Joshi. He introduced and welcomed the resource person to deliver the lecture. The lecture was related to the deployment of a static website using MkDocs and Netlify. The resource person gave an overview of the basics of MkDocs and how to use the different open-source resources related to MkDocs for designing the website. He then demonstrated how to set up a project with MkDocs, how to customize and configure the website. Finally, he also demonstrated how to deploy the site on Netlify. A total of 42 students ofof the MCA department attended the expert lecture.

Asst. Prof. Rahul V. Kotawadekar coordinated the organization of the lecture and the lecture concluded with a vote of thanks.

Photographs :

The resource person, Mr Nilesh Dalvi demonstrating how to use MkDocs and Netlify to the students during expert lecture
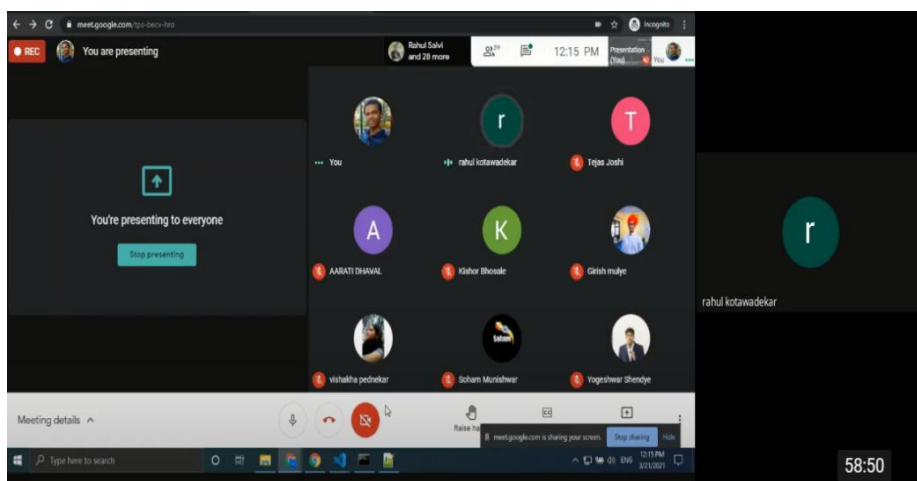
Students attending the online expert lecture
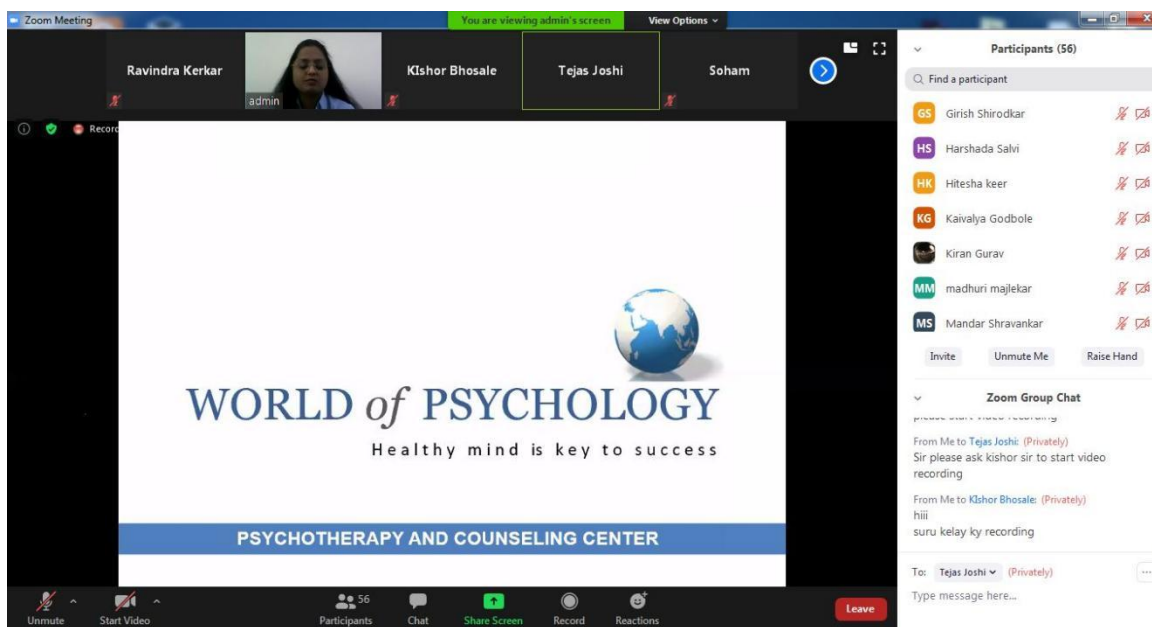
Online Motivational Talk by Dr Aparna Nimkar

The **Department Of MCA** organized an **Online Motivational Talk** for the students of MCA on 14th March 2021. The resource person for the talk was Dr Aparna Nimkar who is a Consulting Psychotherapist and Counselor. She has worked with Prasar Bharti – India's Public Service Broadcaster " AKASHVANI", as an expert on Mental Health & Stress Management. She has also worked with the Government of India - Staff Selection Commission, Department of Personnel and Training and with MT Educare Ltd. as an Online counsellor for SSC students and their parents all over Maharashtra for the last eight years.

The lecture began with a welcome note from Asst. Prof. Kishor Bhosale, who also introduced the resource person. The Head of the MCA Department, Prof. Tejas V. Joshi addressed the audience about the agenda of the talk and requested the resource person to start the talk.

The motivational talk was related to the world of psychology and focused on ways to keep our mind healthy and strong, to avoid stress and to motivate yourself for achieving our goals and targets. A psychometric test of the students was conducted before the talk and the results of the test were discussed during the talk. The talk continued with a question-answer session. A total of 47 students of the MCA department attended the motivational talk.

Asst. Prof. Kishor Bhosale coordinated the organization of the talk. The talk concluded with a vote of thanks by Asst. Prof, Harshada U. Salvi

Photographs :

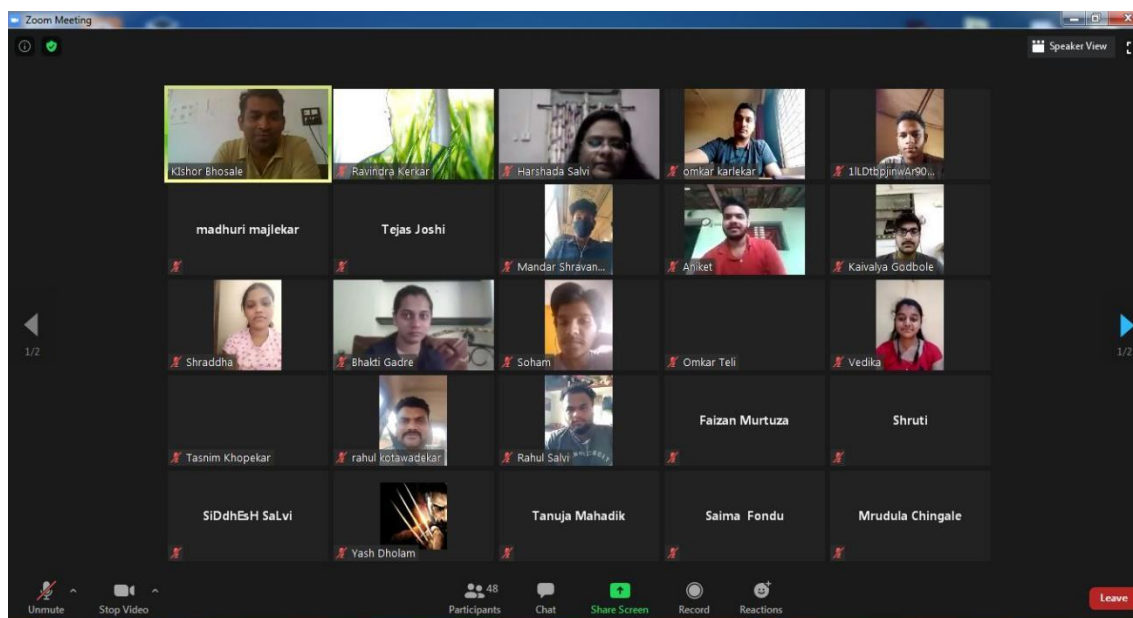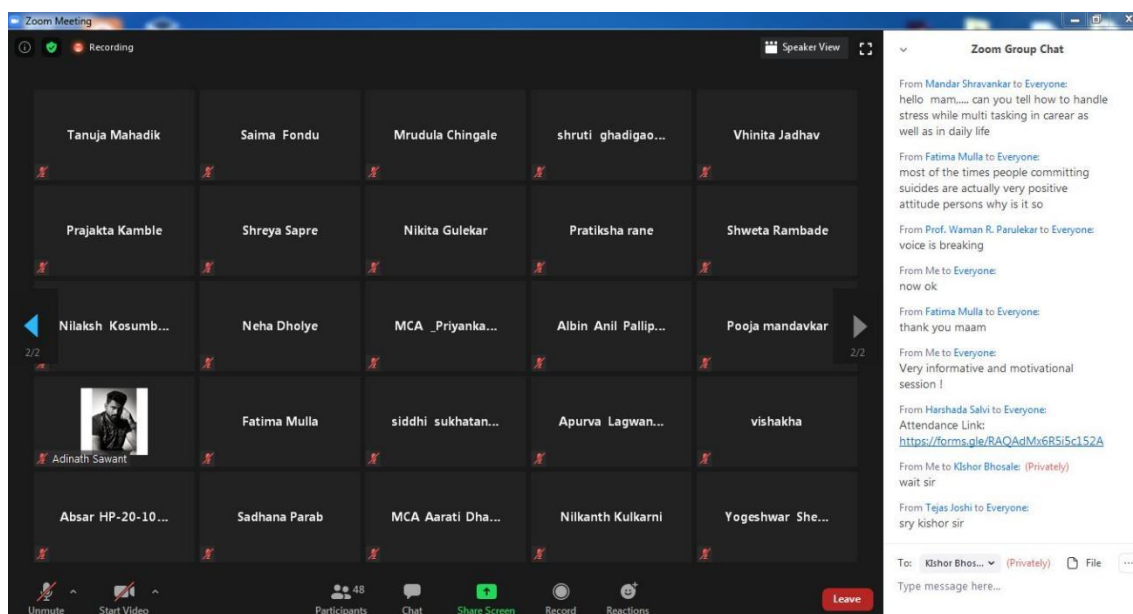Inaugural Session of the Online Motivational Talk
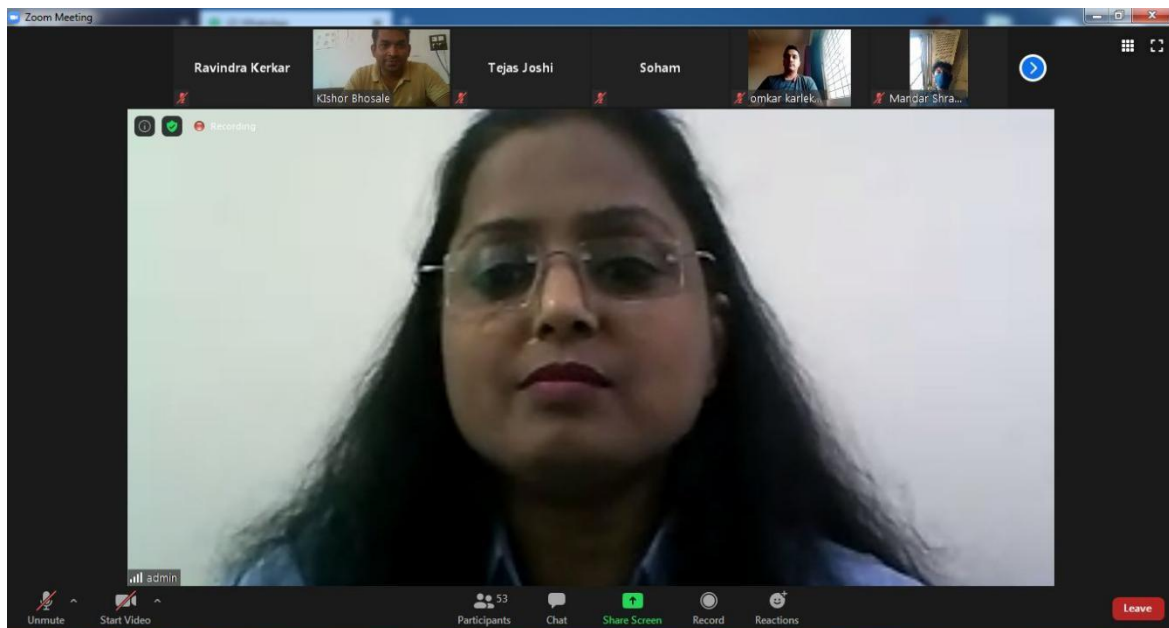
The resource person for the motivational talk, Dr Aparna Nimkar
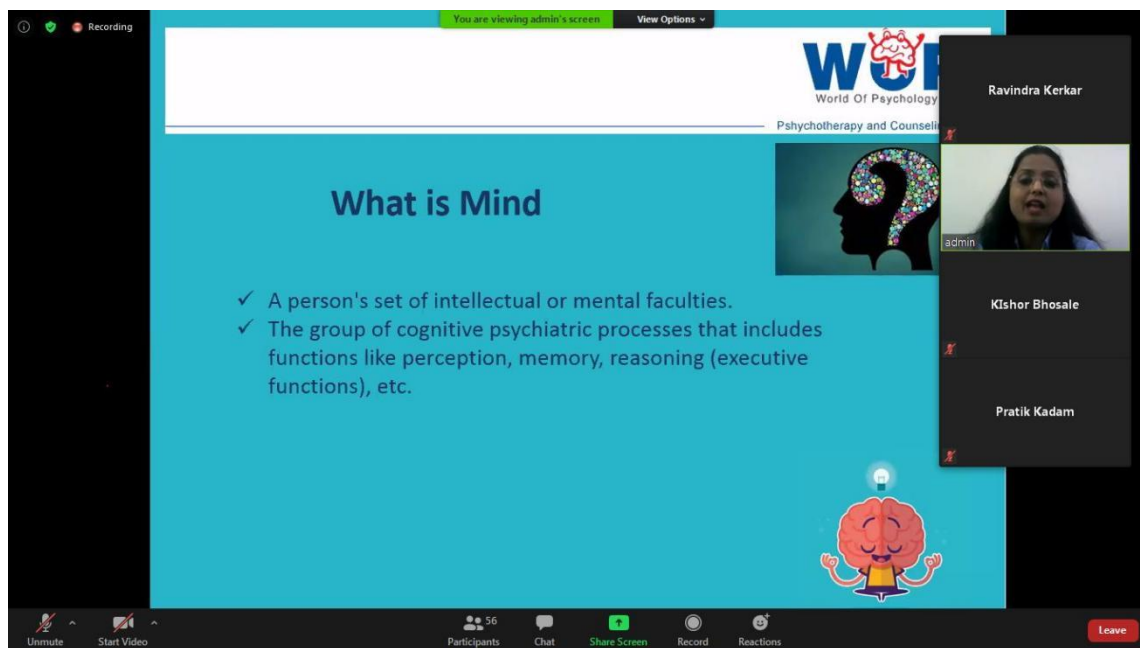
The resource person, Dr Aparna Nimkar guiding students during motivational talk

Student and Faculty Participants during the online motivational talk.

Webinars

Webinar on Machine Learning and Applications

The department of MCA organized a Webinar on Machine Learning and Applications on 18st March 2021 in association with Indian Women Scientists' Association (IWSA), Vashi Navi Mumbai and the supported by BRNS-DAE.

The resource person for the webinar was Dr. Anala A. Pandit, Associate Professor and Head, Department of MCA at VJTI, Mumbai. She has completed Ph.D. from University of Louisville, Kentucky, USA. She has a total experience of 34 years in multiple reputed education institutions and has numerous awards and achievements like IBM, Drona Award: 2008, 2009, 2010, and IEEE Outstanding CECS Student Award, Department of CECS, University of Louisville (USA). The expert lecture was in the subject of Machine Learning and its applications which is said to be the technology of the future and one of the most prominent areas for employment and career.

The webinar began with welcome of the eminent guests and the speaker. Principal Dr. Kaushal K. Prasad then addressed the audience and guests followed by Prof. Tejas Joshi, HoD introducing Dr. Anala A. Pandit. Dr. Lalitha Dhareshwar, President (IWSA) gave an overview of Indian Women Scientists' Association and the different activities that are undertaken by the association. Other eminent guests, Dr. Sunita Mahajan, Chairperson, Board of IWSA and Dr. Devki R., Member, Board of IWSA were also present for the webinar.

Dr. Anala A. Pandit started with the basics of machine learning, fundamental concepts and explained the different types of machine learning like supervised, unsupervised and reinforcement learning. The webinar continued with explanation of some basic algorithms that are used in machine learning and how to use them in implementation. In the final part of the session, the focus was on the different application areas where machine learning can be applied.

Photographs :

Dr. Lalitha Dhareshwarapprising the participants about IWSAand its work

Dr. Anala A. Panditconducting the Webinar
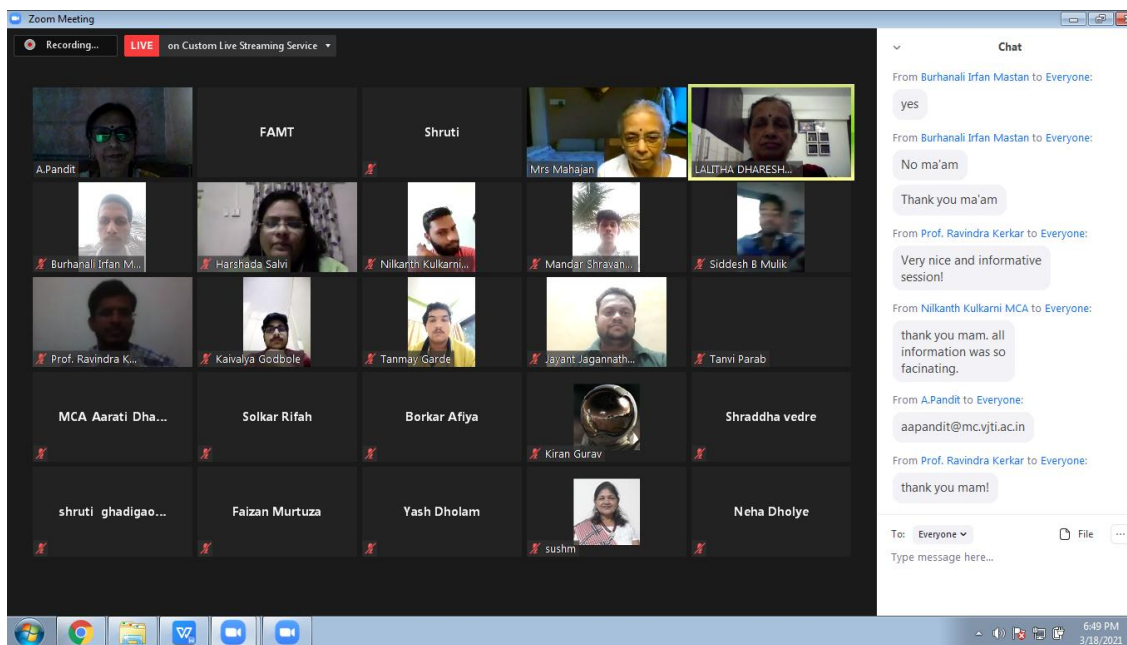
Screenshot of the participants, guests and Speaker of the Webinar

Placement

Hearty Congratulation to all MCA students for their selection in Infocenter and Avatu

Shubham Chavan   Aniket Kadam   Mrunmayi Marathe   Kirti Gore

for their selection in

infocenter™

Aarti Dhaval	Avatu	MCA	3.5
Bhakti Gadre	Avatu	MCA	3.5
Nilkanth Kulkarni	Avatu	MCA	3.5
Pooja Naik	Avatu	MCA	3.5
Pratik Jadhav	Avatu	MCA	3.5
Tanuja Mahadik	Avatu	MCA	3.5
Priyanka Jadhav	Avatu	MCA	3.5

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