Department of MCA

REFLEXION

APRIL 2023 | ISSUE 5
NEWSLETTER

From the Principal Desk...
Message by Dr. Sr. Amrutha

I Congratulate the Department of MCA for bringing out the fourth issue of Newsletter showcasing all their activities. In the Academic Year 2021-2022 they organized many activities for the students and faculty in academics, co-curricular, extra-curricular as well as research & development. I wish them all the best in their future endeavors.

About the Department

The Department of MCA (Master of Computer Applications) was started in the year 1991. The department is bestowed with an experienced team of faculty members. Excellent infrastructure with computer lab and latest advances in technology by providing concept-oriented subject knowledge through a high quality teaching that is supplemented with practical training, the discipline aims to nurture the brightest minds in computers and technology for the students.

The success of the department is attributed to its motivating and inspiring faculty who handle subjects like Artificial Intelligence, Big Data Analytics, Data Mining, Computer Networks, Mobile Computing, Database Management system, Principles of Object Oriented Programming, Software Engineering, Web Programming and many more. The students gain high quality learning in several subjects.

- Laboratories of the department are fully equipped with state-of-the-art equipment.
- The department has a library stacked with textbooks, reference books, student project reports, materials etc. The Faculty and the students of the department have got access to the department library.
- Opportunities for students to participate in various technical and non-technical forums.
- Opportunities for students to take up industry based projects.

Digital Educational tools for Teachers

The Department of MCA Organized an Outreach Activity for schoolteachers on "**Digital Educational tools for Teachers**" on **20-09-2021 & 27-09-2021** in online mode.

The session's objective was to build awareness of Digital Educational tools and their use during the pandemic.

The importance of integrating technology into the classroom has become a priority at most levels of the curriculum in Educational Institutions.

Beyond tools and technology, teachers, faculty and students need to develop new skills to solve tough problems, collaborate effectively, and express ideas in new ways.

Resource Persons:
- Ms. T. Pushpa Latha, HoD, Department of MCA.
- Ms. Sabiha, MCA final year student

Peer talk on " MySQL Workbench"

The session was taken by A.Sushma Raju (MCA Final year) and Y.Prashanthi (MCA Final year) on 5-10-2021, for which 44 students have attended.

The session was all about MySQL Workbench, which is one of the platform used to execute the SQL commands. A.Sushma Raju has given the introduction about the MySQL and showed how to install the MySQL Workbench and how to connect it with the server. She explained how to create a connection in MySQL Workbench and ways to use the workbench to create tables, schemas, and to do alterations etc.

Y.Prashanthi has explained about the various commands. She showed us how to write different commands in SQL server management studio 2018 and its execution. They showed us the live demo of to execute the commands. And cleared all our doubts.
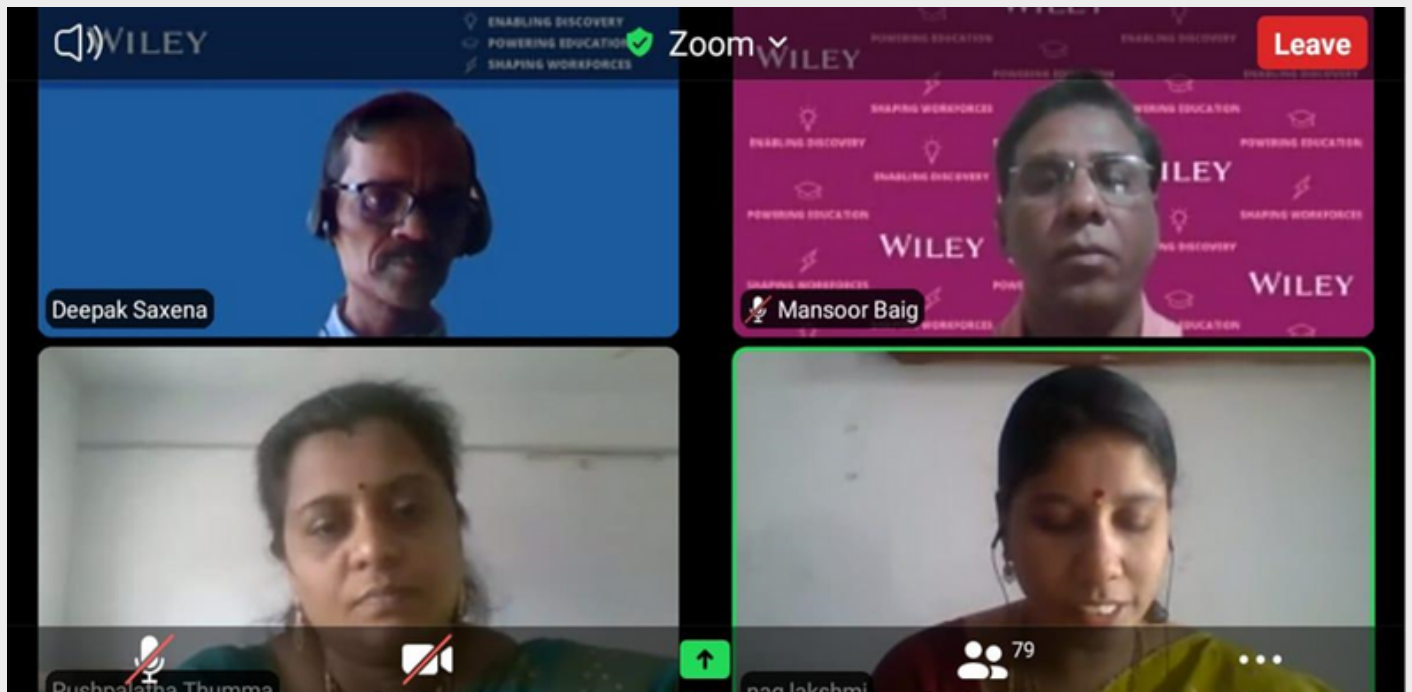
This session was interactive and informative. We got a better understanding about the MySQL Workbench to use.

3 Days Online Workshop
"Expertising Machine Learning & Deep Learning Concepts"

Department of MCA in Association with Wiley, India organized 3 days Online Workshop on **"Expertising Machine Learning & Deep Learning Concepts"** dated **21-23 October 2021** scheduled at **10:00AM – 12:00PM.**

Students and faculty from different colleges and institutions has attended the workshop which is conducted online.

Two Eminent speakers from different states enlightened the knowledge on Deep Learning concepts, Neural networks, introduction to machine learning, artificial intelligence and some case studies about machine learning. Around 100 participants from various states enthusiastically participated every day in the workshop.
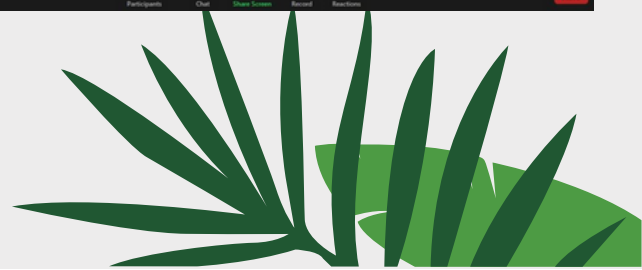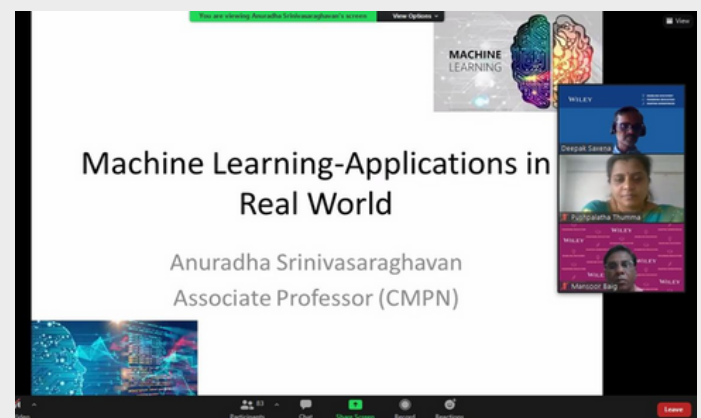
Speakers for Workshop:

Ms. Lovelyn Rose S
Associate Professor, Department of CSE,
PSG College of Technology,
Tamilnadu

Mrs. Anuradha Srinivasaraghavan
Associate Professor, Department of CSE,
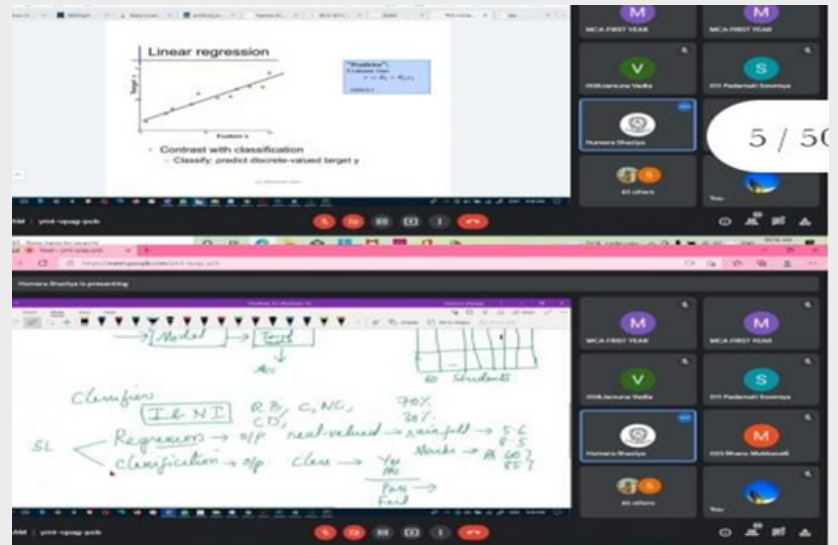St. Francis Institute of Technology,
Mumbai

"Machine Learning Concepts"

Department of MCA organized Guest lecture on "**Machine Learning Concepts**" on 20 Nov 2021 at 9.30AM in online mode.

Session started with a warm welcome to the Resource Person Ms. Humera Shaziya, Assistant Professor, Nizam College. She introduced basic concepts of Machine Learning and differences between Artificial Intelligence vs Machine Learning vs Deep Learning.

Operating system Security and Protection

Department of MCA organized Guest lecture on "Operating system Security and Protection" on 01 Nov 2021 at 9.30AM in online mode. Resource Person Ms. Vandana, Assistant Professor, Department of MCA, Loyola College. She highlighted the concepts of Operating systems security concerns in real world and protection issues concerning the threats.

Accounting Concepts

Department of MCA organized Guest Lecture on "Accounting Concepts" for MCA – I Year I Semester students on 31 March 2022 by Dr. Vasuda, Dept. of M.Com, St.Ann's College. The topics include in the guest lecture are preparation of trial balance sheets, journals, double entry book keeping statements, preparation of final accounts with simple adjustments, analysis and interpretation of financial statements with ratios.

Quiz Competition

Department of MCA organized Quiz Competition on "**Data Structures and Algorithms Using C**". The Quiz was unique in itself because it was held on virtual platform. It was very informative and knowledge enriching competition for the participants. Virtual platform-based competition gives better experience to the participants. 64 students of MCA participated in the Quiz.

Peer Talk

Department of MCA organized Peer Talk and Interaction session on "**Interview Skills**" on 19 March 2021 at 10.30AM for MCA second year students.

Resource Person Ms. Saipriya working in capgemini under technology of testing. she shared most valuable information regarding testing feild.

She also shared her views based on her experience that how to apply for a company,how the office enivironment is there for a fresher.She also suggested which technology is trending in the present market and what has to be learnt.

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Poster Presentation

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Career Opportunities in Cloud Computing

The webinar on '**Career Opportunities in Cloud Computing**' was organised in our college by department of MCA-Byte Monsters Club. The Resource person for the session was **Mrs.Ch.Rajeshwari,** Senior Associate at Massmutual Company.

She gave a brief introduction about the various opportunities and scope in the field of IT stream. She explained how to attend interviews and how quick, dynamic and smarter the students should be during placement opportunities and about the skills and technologies that required in the IT stream.

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WHAT WE DO?

This doctype is meant to help our users create various business or project proposals and help them get approved. Proposals themes can be categorised per industry or function: marketing, agency (advertising or pr or design), event, retail, social media, website design, etc.

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Any City, ST 12345

THANK YOU, AND WE LOOK FORWARD TO WORKING WITH YOU.