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K. K. Wagh Institute of Engineering Education & Research, Nashik
Department of MCA
News Letter: Coverage
July 2023 to December 2023

Expert talks organized

Industry Approach for UI/UX Design – Conducted by *Mr. Jerry S. Kollie*, Manasvi Tech Solution Pvt. Ltd., on **11th July 2023**.

Artificial Intelligence and Machine Learning – Delivered by *Ms. Monali Gaud*, Manasvi Tech Solution Pvt. Ltd., on **18th July 2023**.

PL/SQL – Presented by *Ms. Shivani Kulkarni*, Netwin Technology Pvt. Ltd., on 15th July 2023.

Programming Skills – Session by *Mr. Vikas Singh*, Coding Sikhao, on 12th August 2023 for FYMCA students.

- **Stress Management and Career Opportunities** – Led by *Dr. Shrikant Kalurkar*, Ex-Principal, Atharva College of Engineering, on **22nd August 2023**.
- **Agile Development Using Jira** – Conducted by *Mr. Vivek Singh*, CRM Team Innovation, Pune, on **9th September 2023** for SYMCA students.
- **Constitutional Conversation** – Organized on **25th November 2023** by *Mr. Sunil Agale* for FYMCA, coordinated by *Ms. S. P. Kangune* and *Mr. V. R. Dhawale*.
- **Kaizen Techniques for Data Analytics** – Delivered by *Mr. Adinath Giri*, Giri's Tech. Up. Pvt. Ltd., Pune, on **12th December 2023**.
- **Current Trends in Computing** – Conducted by *Mr. Jayant Shripati*, AT&T Specialist, on **18th December 2023**, covering AI, blockchain, cloud computing, and data science.

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Swapnapurti Orientation and Social Awareness

The Department of MCA has organized a session on "Swapnapurti Orientation and Social Awareness" on 15th July 2023 to provide a guidance on social working to students. Ms. Punam B. Ahire, Deputy Collector, Advisory Director- Swapnapurti Foundation, Maharashtra, Mrs. Rina S Kakade Patil, Assistant Engineer, MSEB, State Government of Maharashtra, Secretary, - Swapnapurti Foundation, Maharashtra, Mr. Sachin Kakade Patil, Assistant Professor, Electrical Dept. KKWIEER, Founder and President, - Swapnapurti Foundation, Maharashtra were the speakers for this session.

▪ **Orientation Program for FYMCA students**

Department of MCA, of KKWIEER has organized Orientation Program for newly admitted students of First year MCA from 9th August to 12th August 2023.
Every year department has been organizing such an induction program under banner of student association, ABACUS Club.
The orientation program begins with a welcome function in presence of Director, KKWIEER Nashik. Ms. Mamta Patel was the chief guest for this function.

▪ **Session with Innovation and Start-up Ecosystem Enablers**

The session with the innovation and start-up ecosystem enabler was organized jointly by IIC and Department of MCA on 31st August 2023. Mr. Amar Thakare who is the Philanthropist, Entrepreneur, cyber consultant, blogger, innovator, researcher, security analyst and cyber investigator and also founder of the Lumiverse Solutions Pvt. Ltd. Was the speaker for the first session, followed by the session by Mr. Raja Sekhar Malapati who is a serial entrepreneur having three start-ups to his credit.

This activity was coordinated by Dr. V. R. Dhawale, Assistant Professor, Department of MCA, KKWIEER, Nahik.

One day workshop on CO-PO Mapping and Attainment at IMR, Jalgaon

A One-day workshop was conducted by Prof. A. L. Rane and Prof. P. G. Fegade at the Institute of Management and Research, Jalgaon on 13th September 2023. The workshop focused on the topic of "Co PO Mapping and Attainment" and was attended by faculties of Institute of management and Research, Jalgaon.

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Mini Project Competition 2023

A mini project competition for the course "Mini Project" was conducted on 15th and 16th Dec 2023 organized by the Department of MCA, KKWIEER Nashik. Prof. Dr. D. D. Bage, Assistant Professor, AI and DS Department, KKWIEER Nashik worked as judge for the competition. Total 37 groups participated in the competition and the first 3 rankers were declared. The activity was coordinated by Prof. Sujata Kangune, MCA Department under the guidance of Head of Department Prof. Dr. Vandana Bagal.

Paper Publications:
Book Chapter: Social Media Mining Using Machine Learning Techniques as a Survey

Prof. Dr. V. C. Bagal presented a book chaper on Social Media Mining Using Machine Learning Techniques as a Survey.
Link: **https://doi.org/10.2991/978-94-6463-136-4_77**

Abstract: In today's world an online existence and social media users utilize various social media platforms to express or comments their observations and opinions. The role of social media platforms are predicting Government Initiatives, Election results, product Analysis, business analysis, movie popularity, sports outcomes and stock market analysis. This review paper proposed the opinions are expressed through different social media platforms can be used for retrieving or extracting the real time predictions on several trends. As per the sentiment identification outcome find the features in the form of Positive (+ve), Negative (−ve) and Neutral (=). In this proposed research methodology, here collect user's reviews on particular trends, then pre-processed it, creation of the features and selecting for data classification using different machine leering classifiers and predict the result. For better performance, used advanced pre-processing techniques will be applied to cleaning the data. For Sentiment Classification will be used machine learning algorithms or techniques like (SVM) Support Vector machine, (ME) Maximum Entropy, (NB) Naïve Bayes and (DT) Decision tree. As per Existing techniques, It is very difficult to mine the correct predictions from social Media. Therefore, the prediction model will be designed for doing the prediction using real time data from Twitter. An opinion from text or comment posted on social

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media platforms by various categories of users is one of the critical and time consuming tasks in the field of opining mining and analysis. The importance of this proposed intelligent system for social media is to automatically providing polarity from unstructured data in the form of text in English language for effective decision making.

Mission
- To impart quality education by building expertise in advanced computing technologies and fostering professional's competence through a blend of theoretical knowledge and practical skills.
- 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.