



■ **ASCEND 2K19**



Department of MCA organized State Level Technical Symposiums ASCEND 2K19 on 11th and 12th February 2019. This Technical Symposium was held for the budding graduates to showcase their talent and skills under one roof and also to have a feel of the sporting spirit among all the graduate students from different locations.

Mr. Rahul Bansode, CEO, Application Nexus Webservices, Nashik was the Chief Guest for the inauguration ceremony. Prof. Dr. K. N. Nandurkar, Principal, KKWIEER, Prof. A. L. Rane, and Coordinators of ASCEND 2K19 were the dignitaries for the inauguration ceremony.

At ASCEND 2K19, technical events like Code Breakers, Poster Competition, Quiz, Ludo, Project Competition, Web designing were organized.

This year, more than 300 participants participated in ASCEND. Participants were from various locations across Maharashtra like Sinnar, Lasalgaon, Jalgaon, Chandori, Nashik etc. Student Participants were highly satisfied by all the facilities and technical support furnished for various competitions. Prof. P. G. Fegade and Prof. N. D. Baravkar were the Coordinator for ASCEND 2K19.

■ **Expert Talk on "Web Technologies using PHP"**

An Expert Talk on "Web Technologies using PHP" is delivered by Mr. Nilesh Tambe on 5th Mar 2019. The objective of the talk was to understand the nature of web applications. This expert talk was arranged for the students of FYMCA class.

■ **Expert Talk on "Artificial Intelligence"**

Mr. Mahesh Kumar C. V. from Orbit Shifters delivered an expert talk on "Artificial Intelligence" on 15th February 2019. The SYMCA students recognized the need of Artificial Intelligence, various avenues opened in data science and machine learning.

■ Industry Visit at "Netwin Infosolutions"

An Industry Visit at "Netwin Infosolutions" was organized on 5th April 2019. Total 40 students of FYMCA along-with Prof. A. L. Rane and Prof. P. V. Dorle attended this industrial visit. The visit found to be very helpful to develop a rapport between industry and institute. Mr. Sham Kuwar from Netwin briefed about the establishment of the company, hierarchy of management, details of other branches and work culture, etc He further explained the recruitment procedure of Netwin, performance management, expectations from fresher, etc. Students also got to know various departments and their work culture of the company.



■ Training & Placement

Sr. No.	Name of Company	No. of Students Placed
1	Aress Software	4
2	Infosys	1
3	NETWIN Infosolutions	1
4	Webwing Technologies	1

■ Industrial Training

Prof. R. A. Gangurde and Prof. M. E. Maniyar completed 15 days Industrial Training at Codeformers, Nashik.

■ Student Internship

Total 46 MCA students have completed their internship at IT Companies. Following is the summary of internship.

Sr. No.	Name of Company	City	No. of Students
1	Aloha Technology	Pune	1
2	Animaks IT Hub	Nashik	2
3	Application Nexus	Nashik	1
4	Aress	Nashik	3
5	Codeformers	Nashik	2
6	Destek Infosolutions	Pune	2
7	Easy Reach Solutions	Pune	1
8	Emerging Technologies	Nashik	2
9	Goadrige Soft Solutions	Hydrabad	2
10	Inovatiq Solutions	Nashik	2
11	Mavertech Technology	Nashik	1
12	Maxdigi Solution	Nashik	1
13	Mitlag Solutions	Nashik	1
14	Netwins Info Solutions	Nashik	1
15	Omvsab IT solutions	Pune	1
16	Sabedor Software	Nashik	2
17	Siemens	Nashik	2
18	SNWN Tech Solution	Nashik	1
19	Softwings IT solution	Nashik	1
20	Trivanshika Infotech	Nashik	1
21	Trixware Technologies	Nashik	1
22	Web Soft IT Solutions	Pune	1
23	Webhub technologies	Pune	2
24	Webwing Technologies	Nashik	1
25	Wind Hans technologies	Nashik	1
26	WinFoster Technology	Nashik	1
27	WordCloud	Nashik	6
28	Worldwin Coder	Nashik	1
29	YonTech Softwares	Nashik	2

▪ **Abstract of Paper published**

A survey on intelligent data mining techniques used in heart disease prediction

Prof. A. L. Rane presented a research paper in International Conference on Computational Systems and Information Technology for Sustainable Solutions held at Bengaluru

Abstract: Imminent need of turning huge amount of available health data into useful information and knowledge attracts data mining techniques in medical diagnosis process. Data mining is a procedure of distinguishing and extracting valuable data and setting up connection between attributes in substantial datasets. Existing heart disease prediction models use one or multiple data mining techniques. This paper surveys heart disease prediction systems systematically wherein techniques are compiled, tabulated and analyzed based on hybrid techniques categorization. In this paper, the techniques are classified into two main categories: Discrete and Integrated, which are further classified as supervised, unsupervised, hybrid and miscellaneous. It is revealed from this survey, even though usage of one data mining technique performs well, hybrid data mining techniques yield promising outcomes in the determination of coronary illness.

Audio opinion mining and sentiment analysis of customer product or services reviews

Prof. A. L. Rane presented a research paper in International Conference on Data Sciences,

Machine Learning and Applications held at Hyderabad

Abstract: Sentimental analysis evolved over last few decades is only focused on textual sentimental analysis. Increased usage of internet motivates people to exchange their positive or negative opinions publicly in the form of text or audio. The main challenge involved in this process is to understand and identify the context of these tones of opinions in terms of sentiments especially when the opinion is contradictory to tag as positive or negative. Natural language processing using computer helps to analyze the opinion into positive, negative, and contradictory category. We propose audio opinion mining and sentiment analysis of opinions given in terms of audio reviews by customer to the corresponding business world for improvement in their business growth. The obtained results show that the strength and weakness of customer reviews helps the business person to change their strategy to give maximum satisfactions their customer.

Data Mining Using XML Algebras

Prof. M. R. Sonar and Prof. N. D. Baravkar published a research paper in International Journal of Research and Analytical Reviews (IJRAR)

Abstract: The XML is a new standard for data representation and exchange on the Internet. There are studies on XML query languages as well as XML algebras in past. However, attention has not been paid to research on XML algebras for data mining due to partially the fact that there is no widely accepted definition of XML mining tasks.

This paper tries to examine the XML mining tasks and provide guidelines to design XML algebras for data mining. Summarization and comparison have been done to existing XML algebras. We argue that

by adding some extra operators for mining tasks, XML algebras may work well for data mining with XML documents.

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