



### Expert Talks organized

- An Expert talk on Web Technology Application **Laravel** is conducted by Snehal Kulathe, Software Developer, Anveshak Technology and Knowledge Solutions, Pune on 4<sup>th</sup> Feb 2023 for the FYMCA students. Total 55 students attended the talk and get benefited from it. She briefed about applications of Laravel technology in IT field.
- An Expert talk on **.Net Technology** was conducted by Mr. Akash Agrawal, Software Engineer and owner of Akash Sales Aress Software, Nashik on 4<sup>th</sup> Feb 2023 for the FYMCA students. Total 55 students attended the expert talk.
- An Expert talk on **Cloud and SAP Technology** was conducted by Mr. Riyaz Qureshi Infra, Technology Specialist, and Cognizant Technology Solutions on 8<sup>th</sup> April 2023 for the FYMCA students. Total 54 students attended the talk and get benefited from it. The students gained knowledge on the applications and benefits of Cloud and SAP technology in today's business world.

### Workshops organized

- Department of MCA has organized an **Aptitude training workshop** for FYMCA students in association with Training & Placement Cell. The training for the workshop was conducted by Career Launcher, Nashik. The **48hr's workshop** was conducted during the duration from 5<sup>th</sup> Jan 2023 to 8<sup>th</sup> Feb 2023 on daily 2 Hours basis. Around 48 students attended the workshop and get benefited from it. All the activities during the workshop were coordinated by Mr. Sohil Rajesh Shah, Career

Launcher, Nashik. Prof. Dr. V. C. Bagal was the convener and Prof. R. R. Patil & Prof. P. G. Fegade, Department of MCA was the co-convener for the workshop.

Topics Covered during the workshop:

- 1) Verbal (English Language Study) – Ms. Solanki (Trainer)
- 2) Logical Reasoning- Ms. Sarika Tulsiyani(Trainer)
- 3) Mathematics- Mr. Pritesh Chumbhate (Train er)

- Department of MCA has organized **"Online Workshop on MCA CET 2023"**, to guide the MCA aspirants to secure higher rank with excellence and pathway to dream college. The workshop was conducted from 15<sup>th</sup> March 2023 to 23<sup>rd</sup> March 2023. Daily 2hrs sessions were conducted during the workshop. Dr. V. C. Bagal was the convener for this workshop and Prof. M. E. Maniyar was the co-convener.
- A **CV writing workshop** was organised by the Department of MCA for FYMCA students on 19<sup>th</sup> and 25<sup>th</sup> April, 2023. By offering a CV writing workshop, students can gain valuable knowledge and insights into crafting effective curriculum vitae.
- The Department of MCA has organized a Product Lifecycle Management workshop to introduce the MNC job opportunities to the students of FYMCA on 20<sup>th</sup> and 21<sup>st</sup> May 2023.





- The department of MCA has organised a workshop on CPP and Java on 27<sup>th</sup> May 2023. Several industry experts were invited to conduct the workshop and deliver insightful lectures on the fundamental concepts, best practices, and advanced features of CPP and Java programming.
- Department of MCA In coordination with Training and Placement cell has organised workshop on **Soft Skills**. This workshop was conducted by Mahindra's Pride Classroom, for SYMCA Girls students during 26<sup>th</sup> June to 2<sup>nd</sup> July, 2023. The workshop aimed to enhance the participants' soft skills, such as communication, teamwork, and problem-solving abilities, to improve their employability prospects in the ever-evolving job market.
- Department of MCA has organized an expert talk on **SDLC Implementation**. The talk was given by Sujay Kulkarni, Oracle SCM Functional Consultant, L&T InfoTech on 20<sup>th</sup> Feb 2023. The talk was organized for the FYMCA students. Total 124 students attended the talk and get benefited from it. This activity was coordinated by Prof. A. D. Acharya under the guidance of HOD, Dr. V. C. Bagal.
- An expert talk on subject '**Data structures and algorithms**' was organized by Department of MCA. Mr. Ghanshyam Bagul CEO Bytes System conducted the talk on 17<sup>th</sup> Feb 2023 for the FYMCA students. This activity was coordinated by Prof. P. G. Fegade.
- Department of MCA has organised an expert talk on '**Advanced Computer Networking**' by Mr. Yogesh Bagul, Founder, Gyani Technologies, Nashik on 3<sup>rd</sup> March 2023 from 10.15am to 12.15pm for the FYMCA students. Total 130 students attended the expert talk.

This activity was coordinated by Prof. R. R. Patil under the guidance of Dr. V.C. Bagal.

- An expert talk on **Linux and cloud operation** was organized by Department of MCA on 15<sup>th</sup> April 2023. Mr. Sarthak Raijade, Technical Director, ITR technologies, Nashik conducted the session for FYMCA students.
- An expert talk on **Care of Liver** on Liver Day 19<sup>th</sup> April 2023 was organized by Department of MCA. Mr. Sharad Deshmukh, Gastroenterologist and Liver Specialist, Medilive Multispecialty Hospital, Nashik was the eminent speaker for the session.



- An expert talk on **Overview of Financial System** was organized by Department of MCA on 11<sup>th</sup> April 2023. Mr Girish Joshi, Team Leader, LKP Securities Ltd., Nashik was the speaker for this session. Total 130 Students attended the session.
- The Department of MCA has organized an expert talk on '**Automation in AI**' by Mr Ganesh Deelip Ushir, Chartered Engineer, Co-founder & CEO, Meghapushpa Energytech, Nashik on 11<sup>th</sup> May 2023. During his talk, Mr Ganesh Ushir provided a comprehensive overview of the potential of automation in AI. Total 128 students attended the talk.

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**Vision:** To develop industry ready computer professionals who can deploy front-line technologies for societal problems



### ■ **World Creativity and Innovation Day Celebration**

Department of MCA, KKWIEER and Institute Innovation Council has organized a competition to celebrate “World Creativity and Innovation Day”.

Theme of competition activities:

- Paper Art Creation (Restricted to 20 entries on first come first serve basis)
- Best from Waste (Participants will have to bring their own material for the creations. Ready-made creations are not allowed)
- E- Poster Creativity (Using any open source designing software at the venue)

Day & Date: Friday, 21<sup>st</sup> April 2023



### ■ **NBA Accreditation for Department of MCA**

Department of MCA has received re-accreditation from the National Board of Accreditation (NBA) for the next two years, extending up to June 2024. Dr. V. C. Bagal, Faculty members and the other staff members of MCA department had worked satisfactorily to earn this accreditation.

This re-accreditation demonstrates the department's commitment to maintaining and

improving the quality of education provided to students in the field of MCA. By successfully obtaining re-accreditation from the NBA, the Department of MCA has validated its adherence to the standards and guidelines set by NBA for the MCA program.

### **ASCEND 2K23**

Department of MCA has organized technical symposium ASCEND 2K23 on 29<sup>th</sup> April 2023.

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. Since year 2014, Department of MCA has been providing such important platform by organizing this symposium, “ASCEND”, under banner of student association, ABACUS Club.

Every year, hundreds of students from different locations take part in this symposium. This year we have received overwhelming response from nearby cities. This year we have registered more than 339 participants.

Dr. Uday Wad, Vice President, Writer Information, Nashik was the Chief Guest for the inauguration ceremony. Prof. M. E. Maniyar and Prof. A. D. Acharya were the Coordinator for ASCEND 2K23. The entire faculty team of Department of MCA along with current batch students planned this symposium with singular agenda of ability for lifelong learning to help young aspirant to





showcase their hidden talent with true spirit of sportsmanship.

Following Events were conducted during ASCEND 2K23:

- Code Fest
- Crazy Games
- Web Designing
- Meme Making (E Creativity)
- Treasure Hunt
- BGMI

### MOCK GD

The Department of MCA in coordination with Training and Placement Cell conducted the mock Group Discussion session on 19 to 27<sup>th</sup> June, 2023.

### Training and Placement

Sr. No.	Name of the Company	No. of Students Placed
1	Narola Infotech	19
2	TechFlux	1
3	KPIT Technologies Ltd.	1
4	IQ Innovation Hub LLP, Pune	1
5	Netwin Systems & Softwares Pvt. Ltd.	3
6	TATA Motors Ltd	1
7	Writer Business Information Pvt. Ltd. (Writer Information)	6
8	Yudiz Solution Ltd.	1
9	IBM India Pvt. Ltd.	1
10	BosLeo Technology Pvt. Ltd.	1
11	Thinkgrid Labs LLP	1
12	Nullplex Software Pvt. Ltd., Writer Information	1
13	Capgemini Technology Services India Ltd.	1
14	TCS (TATA Consultancy Services)	1
15	Solace Technologies	1
16	Tech Mahindra	1
17	AtoS	1

### Abstract of Papers published

#### Title: Advances in real-time object detection and information retrieval: A review

Prof. Dr. V. C. Bagal  
 “Advances in Real-Time Object Detection and Information Retrieval: A Review”  
 Artificial Intelligence and Applications, DOI:



### 30 Hrs. Certification Course on 'AR VR and Game Development using Unity Software'

The Department of MCA has organized an instructor guided online Certification program on 'AR VR and game development using unity software'. It was a 30 hrs. certification program scheduled between 2<sup>nd</sup> May 2023 to 12<sup>th</sup> June 2023. Prof. S. P. Kangune conducted this activity under the guidance of Dr. V. C. Bagal.

### MOCK PI

The Department of MCA in coordination with Training and Placement Cell conducted the mock personal and HR interviews on 1-2 June and 9-14 June, 2023.

### 4|Coverage Jan 2023 to July 2023

**Vision:** To develop industry ready computer professionals who can deploy front-line technologies for societal problems



<https://doi.org/10.47852/bonviewAIA3202456>,

eISSN: 2811-0854, Volume 1, Issue 3, March 2023

**Abstract:** Visually disabled people's day-night lives are delicate, they are facing numerous problems when traveling from one position to another, and they are more likely to be involved in an accident as a result of their lack of vision. The motive of this review paper is to explore

colorful ways used by other experimenters worldwide for persons with vision loss to fulfill their full eventuality. The system alerts visually Impaired individuals about their surroundings by employing some sort of audio device, extracting information about the objects that are present in their surroundings using the devices now in use as visual substitutes. Utmost results handed by experimenters bear fresh

tackle, which adds to the burden for visually disabled people in the world. A system is required that will help them in their day-night lives and become part of their life and will not feel like a burden. The dataset was used by experimenters for object detection, COCO (handed by Microsoft), Pascal VOC, ImageNet, etc., and this dataset is publicly available on the internet.

### **A Novel Approach to Machine Translation: Example-based Systems**

A. L. Rane, Sujata P. Kangune(1), Poonam P. Patil , "A Novel Approach to Machine Translation: Example-based Systems" *Gradiva*, DOI: [Provide DOI if available], ISSN: 0363-8057

Volume 9, Issue 5, Pages 1282-1296, 2023

### **Abstract:**

This research paper presents a novel approach to machine translation called Example-Based Machine Translation (EBMT) system. EBMT is a

new paradigm in machine translation that uses examples as the primary source of translation knowledge. It uses bilingual corpora to translate source language text to target language text. It converts any size text either it can be word, phrase or a complete sentence into target language. In this system Marathi language sentences are converted to English language sentences. This paper reviews previous research on EBMT, including studies on linguistic rules, grammar, part-of-speech taggers, and n-gram-based text categorization. The paper highlights the importance of developing EBMT systems for Indian languages, which are morphologically rich and highly inflected. This research proposes a generalized EBMT system for Indian languages that uses linguistic rules to translate sentences and examples to generate translations for new sentences. The proposed system is evaluated using a case study for Marathi language, which shows promising results. The paper concludes that EBMT is a powerful and promising approach to machine translation, particularly for languages with complex morphology, and suggests further research in this area.

*Editor: Ms. Sujata P. Kangune ,*

*Assistant Professor, Department of  
MCA, K. K. Wagh Institute of  
Engineering Education and  
Research, Nashik-422003*

*Publisher: Department of MCA,*

*K. K. Wagh Institute of Engineering  
Education and Research, Nashik-422003*

### **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