

NEWSLETTER



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**DEPARTMENT OF
MASTER OF COMPUTER APPLICATIONS**

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Summary



Introduction

The Department of Master of Computer Applications started in the year 2020. MCA department nurtures a unique system of education for creating dynamic leaders in the corporate sector, entrepreneurs, academicians, researchers and professionals who contribute to the development of society and nation at large.

It has an aesthetically designed and elegantly built campus furnished with state of art equipment and facilities

MCA department believes in empowering young students through rigorous curriculum, student's participation in R & D, mentor system, value added programs and strong industrial interface.

The accomplished team of professors, grooms and guides students to the best of their capacity. They work most diligently towards synergizing theoretical knowledge and practical skills to promote all round professional competence.



Vision

To evolve as a center of excellence for imparting knowledge of computer applications to build globally competent professionals.

Mission

- To provide sound technical foundation theoretically as well as practically to fulfill society and industry needs.
- To promote and strengthen interdisciplinary approach in innovation, research and entrepreneurship.
- To inculcate ethical and professional values in students for betterment of society.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Program Educational Objectives (PEOs) within Two years of Post-graduation:

- Identify, analyze and formulate problems to offer appropriate design solutions that are technically superior, economically feasible, environmentally compatible and socially acceptable.
- To create the requisite academic ambience that nurtures the student ability to cope up with situations that emerges in the professional context with confidence through lifelong learning.
- To inculcate professional and ethical attitude, good leadership qualities and commitment to social responsibilities.

PROGRAM SPECIFIC OUTCOME (PSO)

- Ability to design, develop and implement software applications using latest tools & technologies.
- Apply standard practices of software project development for efficient design of computer- based applications of varying complexity and domains.

Program Outcomes (POs)

- **PO1: Computational Knowledge:** Apply the knowledge of computing fundamentals and mathematics for design and development of solution for defined problem.
- **PO2: Problem Analysis:** Identify, formulate, review research literature, and analyze complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computer science and application domains.
- **PO3: Design/Development of solutions:** Design and evaluate solutions for complex computing problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **PO4: Conduct investigations of complex computing problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5: Modern Tool Usage:** Create, select, adapt and apply appropriate techniques, resources and modern IT tools for innovative software solution.
- **PO6: Professional Ethics:** Understand and commit to professional ethics, regulations and norms of professional computing practices.
- **PO7: Life Long Learning:** Recognize the need for and have the ability to engage in independent and lifelong learning for continual professional development.
- **PO8: Project Management and Finance:** Demonstrate knowledge and understanding of the Computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO9: Communication:** Communicate effectively complex computing activities with range of audience such as, being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
- **PO10: Societal and Environmental concern:** Understand and assess societal, environmental, health, safety, legal and cultural issues within local and global contexts and consequential responsibilities relevant to professional computing practices.
- **PO11: Individual and Teamwork:** Function effectively as an individual, as a member or leader in diverse teams in multidisciplinary environments.
- **PO12: Innovation and Entrepreneurship:** Use innovation and entrepreneurship to create value and wealth for the betterment of the individual and society at large.



Principal's Message

It is a matter of pleasure to speak with all of you through this newsletter. We all can take pride from the fact that each one of us has contributed to the present-day glory and growth of our college. The Newsletter will serve as an interface between the Institute and outside world. It provides information about the academic activities organized in the Institute and the department.

I am happy to note that various initiatives are taken by the faculty to disseminate knowledge by organizing conferences, training programs and workshops. Expert lectures are also organized by various departments time to time to keep abreast with the latest developments in the field of science and technology.

VIVA INSTITUTE OF TECHNOLOGY established in the year 2009, nurtures a unique system of education for creating dynamic leaders in the corporate sector, entrepreneurs, academicians, researchers and professionals who contribute to the development of society and nation at large. It has an aesthetically designed and elegantly built campus furnished with state of art equipment and facilities.

HOD's Message



I am thrilled to announce the launch of our department's newsletter for the A.Y. 2023-24. This communication channel marks a significant step forward in how we connect, celebrate, and collaborate.

This initiative is designed to keep us all connected, informed, and engaged with the latest developments, successes, and opportunities within our department.

MCA department believes in empowering young students through advanced curriculum, student's participation in research and development, mentor system, value added programs along with strong industrial interface.

I would like to express my gratitude towards our principal sir Dr. Arun Kumar for guidance that they rendered to us.

This newsletter is not just a vehicle for information but a reflection of our collective efforts and accomplishments. Each edition will be crafted with the goal of enhancing our connection and ensuring that everyone is aligned with our department's goals and vision.

We believe that sharing our stories and successes will not only keep us informed but also inspire and motivate us all.



GUEST LECTURES/ WORKSHOPS/SEMINARS

Sr. No	Name of the Event	Date	Resource Person
1.	Workshop on Advanced JavaScript & React JS	09/12/2023 to 10/12/2023	Mr. Prasad Tandel
2.	Seminar on Tech now: Trends in Modern Technologies	01/12/2023	Mr. Sandeep Vishwakarma Mr. Abhishek Vishwakarma
3.	Guest Lecture on Blockchain Technology	28/11/2023	Prof. Neha Lodhe
4.	Workshop on The Mobile App Development Revolution: Flutter's Role	25/11/2023 to 26/11/2023	Mr. Prathmesh Ayare
5.	Workshop on Programming concepts using Advanced Java	23/11/2023 to 24/11/2023	Prof. Omprakash Mandge



Industrial Visit

Raw Engineering Academy:

On 2nd February 2024, MCA students visited Raw Engineering Academy to gain a deeper understanding of how innovation is integrated into education through a practical, hands-on approach.



Vervali Systems Pvt Ltd:

On 3rd February 2024, MCA students visited "Vervali Systems Pvt Ltd".



The industrial visit was a highly informative and engaging experience. The students gained valuable insights into the industry innovative practices, the importance of staying updated with new technologies, and the benefits of working in a collaborative environment.

The knowledge gained from these visit will undoubtedly help them in their future careers, equipping them with the skills and mindset needed to succeed in today's competitive job market

Students Participation

- MCA students have participated in Acehack 3.0 hackathon - at University of Engineering and Management, Jaipur. Event held on 6th - 7th April 2024.
- Placed among Top 30 team out of all participating teams from all over India.



Sr. No	Name of the activity	Total Count
1	MOOC courses - NPTEL/SWAYAM	77
2	Other certification courses	40
3	Internship	63
4	Research Paper Presentation	32

ISR Activity (Institute Social Responsibility)

- **Healthy minds and Active bodies: A wellness workshop for children at Zilha Parishad School, Bhatane.**



- **Beach cleaning drive at Kelve beach- Palghar**



- **Colours of creativity and knowledge: Education Awareness Program for School kids in creative ways At Z.P. School Kelve road.**



TOP RANKERS

Congratulations!

SYMCA (SEM IV)

Top Ranker

CGPI

- | | |
|-------------------------------------|------|
| 1. KADAM SAILEE SANJAY SANJANA | 8.98 |
| 2. VARTAK DIVYA AMOL SANGITA | 8.94 |
| 3. GUDALKAR VINAYAK SARJERAO SHOBHA | 8.81 |

Ms. Divya Vartak was awarded as Best Student of the year 2023-24 in Department of Master of Computer Applications.



MCA Department Placements

MCA department - Training and Placement Cell caters for enhancing not only the employability skills but also the overall development of the student's personality.

On Campus and Pre -placement training programs such as Aptitude Tests are conducted along with seminars based on the overall Campus Recruitment Process, Skill Set Analysis, Steering the Interview and Transactional Analysis. These activities enable us to identify the strengths and weakness of an individual candidate and help us select strategies for improvement. We arrange workshops, alumni meet for interactions, we have collaboration with various IT companies to open new avenue of career.



MCA Department Placements

PLACEMENTS IN LEADING ORGANISATIONS LIKE:

					
					
					
					
					

					
					
					
					
					
					
					

Alumni Corner

- Alumni talks on “Exploring IT platforms and career paths” to get the knowledge about current technologies used in industry and career opportunities in IT sector.



- Seminar conducted by Alumni on Tech now: Trends in Modern Technologies to equip students with insights into the latest trends in modern technology while motivating them to expand their knowledge base.

