

NEWS LETTER

Department of MCA

VIVA INSTITUTE OF TECHNOLOGY



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Academic Year 2024-2025

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About Department

The Department of Master of Computer Applications started in the year 2020. MCA department fosters 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, groom 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

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

Program Educational Objectives (PEO's)

1. Identify, analyze and formulate problems to offer appropriate design solutions that are technically superior, economically feasible, environmentally compatible and socially acceptable.
2. 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.
3. To inculcate professional and ethical attitude, good leadership qualities and commitment to social responsibilities.

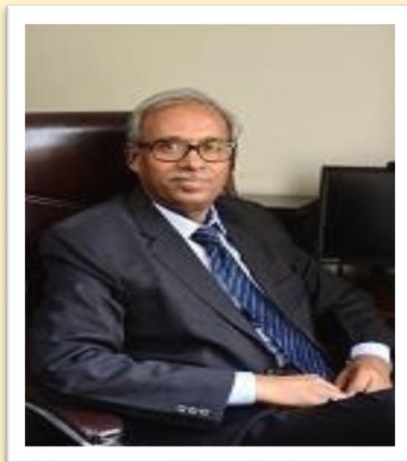
Program Specific Outcome (PSO)

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

Program Outcome's (POs)

- 1. PO1 (Foundation Knowledge):** Apply knowledge of mathematics, programming logic and coding fundamentals for solution architecture and problem solving.
- 2. PO2 (Problem Analysis):** Identify, review, formulate and analyse problems for primarily focusing on customer requirements using critical thinking frameworks.
- 3. PO3 (Development of Solutions):** Design, develop and investigate problems with as an innovative approach for solutions incorporating ESG/SDG goals.
- 4. PO4 (Modern Tool Usage):** Select, adapt and apply modern computational tools such as development of algorithms with an understanding of the limitations including human biases.
- 5. PO5 (Individual and Teamwork):** Function and communicate effectively as an individual or a team leader in diverse and multidisciplinary groups. Use methodologies such as agile.
- 6. PO6 (Project Management and Finance):** Use the principles of project management such as scheduling, work breakdown structure and be conversant with the principles of Finance for profitable project management.
- 7. PO7 (Ethics):** Commit to professional ethics in managing software projects with financial aspects. Learn to use new technologies for cyber security and insulate customers from malware
- 8. PO8 (Life-long learning):** Change management skills and the ability to learn, keep up with contemporary technologies and ways of working.

Principal's Message



Dr. Arun Kumar

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

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HOD's Message



Prof. Chandani Patel

I am thrilled to announce the launch of our department's newsletter for the A.Y. 2024-25. 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.

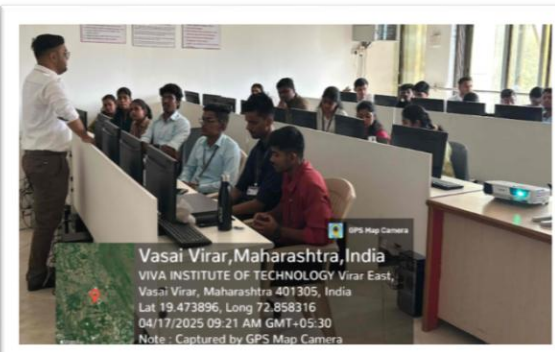
MCA department believes in empowering young students through advanced curriculum, student's participation in research and development, mentor system, value added programs along with strong industrial interface.

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.

GUEST LECTURES / WORKSHOPS / SEMINARS/ VALUE ADDED COURSES

Sr. No	Name of the Event	Date	Resource Person
1	Block chain in Action: Practical Applications and implementations	17/10/2024	Dr. Padma Mishra
2	Digital Payment System	17/10/2024	Ms. Vidula Patil
3	The React Ecosystem: Fundamentals to Practical Implementations	26/10/2024	Ms. Nidhi Tiwari
4	Research Methodology	16/12/2024 - 20/12/2024	Dr.Devshree Ugvekar , Prof. Sonia Dubey, Dr. Brijesh Joshi
5	Time Management in the Digital Age: Balancing Productivity and Technology	25/03/2025	Dr. Brijesh Joshi
6	DevOps Essentials: From fundamental to Advanced	05/04/2025 to 09/04/25	Mr. Pushkaraj Pujari
7	Exploring Modern UI/UX Design with Figma	17/04/2025	Mr. Aadarsh Chaudhari
8	Soft Skill Session(Mock Interview)	18/04/2025	Mr. Aditya Mehta
9	React Native for Beginners: Build Your First Mobile App	25/04/2025	Mr. Navneet Maurya
10	Manual Software Testing	16/06/2025 - 20/06/2025	Dr. Brijesh Joshi

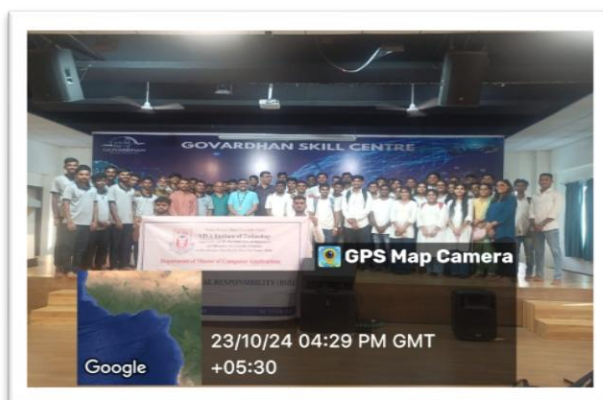


Student Participation

Sr.No	Name of the Activity	Total Count
1	MOOC Courses- NPTEL/SWAYAM	37
2	Other Certification Courses	03
3	Internship	32
4	Research Paper Presentation	15
5	Value Added Courses	72

ISR Activity

Sr. No.	Name of the ISR Activity	Date	Venue
1	Skill development, Educations & Technical Education Development at Govardhan Skill Centre, Wada	28/10/2024	Govardhan Skill Centre, Wada
2	Empowering Communities through Education and care Colors of Creativity and knowledge	18/02/2025	Z.P. School Bhatane



Rankers

Rank	Name of the Ranker	Final CGPI
I	YADAV SANJANA CHANDRAPATI PUSHPA	9.36
II	ADHIKARI CHHETRI DURGA BAIKUNTHA	9.32
III	PRAJAPATI POOJA MAHENDRA NIRMALA	9.08

Student of the Year



Miss Durga Adhikari Chetri was honored with the Student of the Year award

Training & Placements

The Training and Placement Cell of the MCA Department is devoted to not only enhancing students' employability but also cultivating their overall personality and professional competence. We offer a well-structured blend of on-campus and pre-placement training programs that encompass aptitude assessments, seminars on recruitment strategies, skill-gap analysis, interview readiness, and transactional analysis. These initiatives enable us to pinpoint individual strengths and areas for improvement, thereby designing customized development plans for each student.

Moreover, we facilitate workshops and alumni networking events to foster mentorship and real-world insights. Our strategic alliances with leading IT companies open up diverse career pathways, ensuring our graduates are industry-ready and equipped for successful careers in the dynamic tech landscape.

100% of the students obtained internships, with 66% being successfully placed.

Our Recruiters





Alumni Corner

The MCA Department hosted informative sessions led by alumni under the theme **“Exploring IT Platforms and Career Paths,”** aimed at providing students with a clear understanding of the latest technologies adopted in the IT industry. These discussions offer practical insights by connecting classroom knowledge with real-world industry practices, highlighting current IT tools and trends. Alumni professionals share their career journeys and offer advice on the various opportunities available in the IT field, helping students identify the necessary skills and potential career directions. This program broadens students’ industry awareness and inspires them to make well-informed career choices aligned with evolving market needs. Throughout the year, alumni Ms. Nidhi Tiwari, Mr. Pushkaraj Pujari, Mr. Aadarsh Chaudhari, Mr. Aditya Mehta, and Mr. Navneet Maurya shared their expertise and professional insights with students in their respective areas of specialization

