

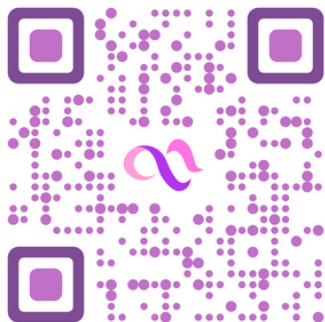
◆ Inside This Issue

<u>Academic Excellence</u>	2
<u>Internship</u>	2
<u>Orientation</u>	3
<u>Expert Lectures</u>	6
<u>IIC</u>	8
<u>SPICE</u>	9
<u>Sports</u>	10
<u>SEP</u>	11
<u>Faculty Contribution</u>	11
<u>Extra-Curricular</u>	12
<u>Alumni Interaction</u>	13

◆ Editorial Board

- Dr. Meenakshi Garg
- Prof. Sunny Nahar
- Bhumi Mulani (MCA 2A)
- Riya Madavi (MCA 2B)
- Priyanka Sharma (MCA 2B)
- Khushal Dhumane (MCA 2B)
- Amey Nalawade (MCA 2B)
- Aryan Jethi (MCA 2A)

🌐 **VESIT MCA Website**
✉ **newsletter.mca@ves.ac.in**



Scan and help us make this experience better for you!

Message from Department

“Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful”.

- Albert Schweitzer

In today's fast-evolving technological landscape, the field of Computer Applications stands at the forefront of innovation and transformation. As budding professionals in this dynamic domain, learners are not just students—they are architects of the future. The skills they are acquiring today will shape tomorrow's solutions in different domains of technology.

Department of Master of Computer Applications is committed to excellence in teaching-learning process to enrich our students with the latest technologies and make them successful technocrats.

The MCA program is designed not only to teach students how to code but also to help them think critically, collaborate effectively, and lead confidently. The department is dedicated to transforming students into successful professionals and sensitive, value-based individuals who can contribute to society and the nation, while also fulfilling their own dreams and those of their parents. I deeply appreciate the efforts of the enthusiastic, dedicated, and hardworking faculty members (my colleagues) who employ their full potential to motivate and inspire the young, talented minds.

Stay curious, stay courageous and always stay committed to learning and leading with heart.



Dr. Shivkumar Goel

Vision of Department

Towards leading the way in area of Computer Application to train and nurture the students to become successful technocrats thus benefiting the society and nation.

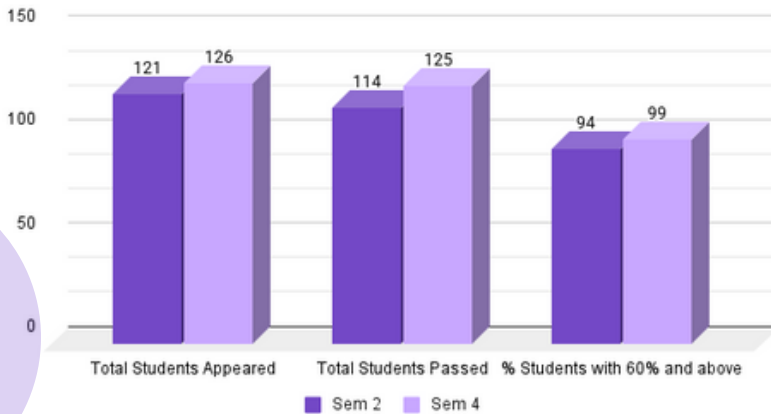
Mission of Department

- To provide opportunities to students so that they understand the theoretical principles and apply them.
- To enable the students to continually master the evolving tools, techniques, trends in technology and management and effectively put them in practice in a cost effective manner.



Academic Excellence

Result Analysis AY 2024



Toppers:

Semester II:

1. Pradhan Anushka Mangesh
2. Poojary Disha Bhaskar
3. Yadav Neha Rajesh

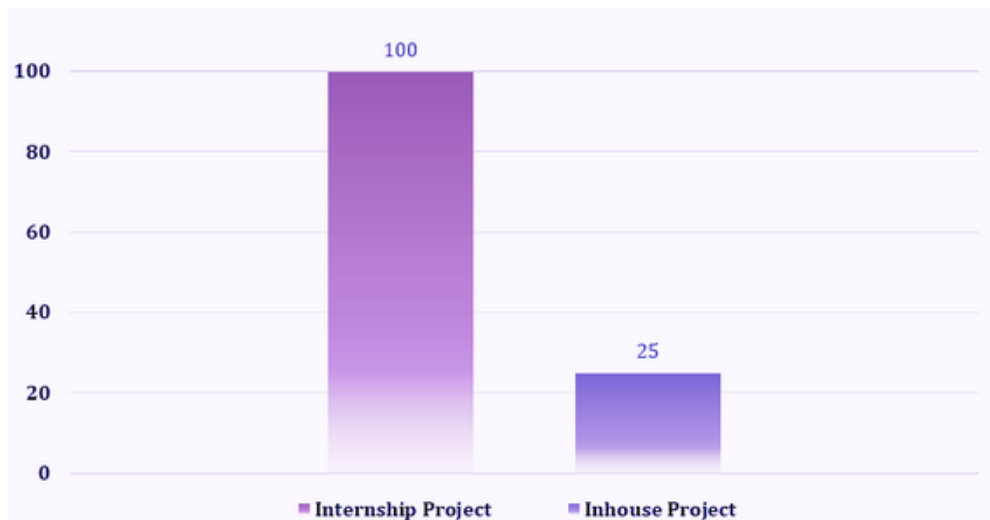
Semester IV:

1. Ingale Prathamesh Manoj
2. Badhe Ankita Bharat

Internship

Students undertake internships in various companies. The internship is the part of MCA curriculum and duration for the same is 6 months.

Internship vs Inhouse Project



BNP PARIBAS



RippleHire



grayquest
Education Finance

CLARIANT



NOMURA



Crisil
a company of S&P Global



Orientation

Induction Program



"MCA Induction Program: Welcoming the New Batch."

The Induction Program for FY MCA students (Batch 2024-2026) was held on 24th September 2024 at Venue 114, conducted by Dr. Shivkumar Goel and Dr. Dhanamma Jagli. The session aimed to familiarize students with the MCA curriculum, examination scheme, placement statistics, student councils, and extracurricular activities. Dr. Shivkumar Goel presented an overview of VESIT and the MCA department, covering infrastructure, laboratories, and the degree distribution ceremony. Dr. Dhanamma Jagli introduced students to SPICE, IIC, and Prakash Pradarshanam. The program was well-received and helped students integrate smoothly into the MCA environment.

-Dr. Dhanamma Jagli

Exam Reforms

The Exam Reforms Orientation for FYMCA students (AY 2024-25) was held on 19th September 2024 (Thursday) at Venue 114. The session was conducted by faculty members Prof. Ameya Parkar, Prof. Vaishali Gatty and Prof. Monali Rajput to familiarize students with examination rules and regulations. Students were informed about the Mid-Term exams, End-Semester exams, Continuous Assessment, and Term work evaluation, along with key guidelines to follow throughout the term. This session ensured that students clearly understood the academic and examination policies for the year.

-Exam Team



"Exam Reforms Orientation Session."

MOOC



"MOOC Orientation Session for Enhanced Learning."

The MOOC Orientation for FYMCA students (AY 2024-25) was held on 19th September 2024 (Thursday) at Venue 114. Students were introduced to Massive Open Online Courses (MOOCs), which offer free and flexible learning opportunities. They were encouraged to enroll in online courses and were informed that successful completion requires certification submission. Various MOOC platforms were discussed, highlighting their affordability and accessibility. As per AICTE guidelines, four credits are assigned for MOOCs, which can be taken in any semester (1-4) but will be accounted for in Semester 4.

-Prof. Ruchi Rautela



◆ Internship, Research Papers, and Mini Projects

An orientation session was conducted on 25th September 2024 for FY students admitted in the academic year 2024-25. The session, held in Room 114, was led by Dr. Mona Deshmukh and focused on guidelines related to the Internship Project, Research Paper, and Mini Projects for Semesters I, II, and III.

During the orientation, students were informed about the formats, templates, project calendar, rules, and regulations that they need to follow for their projects and research papers. They were also briefed on the review process, evaluation criteria, and project exams, including how and when these evaluations would be conducted.

The session provided valuable insights into the structured approach required for academic projects, ensuring that students are well-prepared to meet the expectations and deadlines throughout their coursework.

-Dr. Mona Deshmukh



"Insights on Internships, Research Papers, and Mini Projects."

◆ Sports



"MCA Sports Orientation."

On 19th September 2024 (Thursday), a Sports Orientation session was conducted for newly admitted First-Year students for the academic year 2024-25. The session, held in Room 114, was led by Dr. Ramesh Solanki and aimed to create awareness about sports activities and student achievements. During the session, students were introduced to the rules and regulations governing sports participation and were provided with details about various indoor and outdoor sports events. They were encouraged to participate with full enthusiasm while ensuring they do not miss their lectures and lab sessions during sports events. In addition to sports, the discussion also covered student achievements, emphasizing the importance of participating in activities such as hackathons, workshops, and seminars. A hackathon was explained as a multi-day event where students collaborate to solve problems or explore new opportunities. The session saw an attendance of 99 students, with 51 students from Division A and 48 from Division B.

-Dr. Ramesh Solanki

◆ Institutional Social Responsibility (ISR)

On 19th September 2024 (Thursday), an Institutional Social Responsibility (ISR) Orientation was conducted for First-Year students for the academic year 2024-25. The session, held in Room 114, aimed to create awareness about the importance of social responsibility at both institutional and individual levels.

While Institutional Social Responsibility (ISR) may seem challenging in today's competitive world, it remains impactful when decisions are made for the benefit of a larger community while respecting fundamental rights.



"Introduction to ISR Initiatives."



Students were encouraged to contribute to society through social activities, either individually or in collaboration with institutes, social organizations, NGOs, and clubs. To instil a sense of responsibility towards societal development, ISR activities have been integrated into the revised MCA syllabus. As part of this initiative, students are required to complete 30 hours of social work over the two-year course, earning one academic credit in return.

This orientation session provided students with a clear understanding of their role in social responsibility and the ways they can actively participate in meaningful initiatives.

-Prof. Monali Rajput

◆ Placement Induction Program

The Placement Induction Programme was held on 25th September 2024 in Room B52, introducing newly admitted students to the placement process, career-building strategies, and industry expectations. The session emphasized the role of placement coordinators, highlighting the benefits of leadership, networking, and understanding recruitment dynamics.

Students were guided through placement training resources such as mock interviews, aptitude tests, and technical skill development to enhance their job readiness. An overview of major recruiters, salary packages, and placement statistics provided valuable insights into hiring trends. Placed students shared their experiences, offering practical advice and motivation.

The session fostered a sense of teamwork and support, encouraging students to approach placements with confidence. It concluded with an inspiring exchange between seniors and juniors, reinforcing a culture of mentorship and shared success within the MCA department.

-Prof. Indira Bhattacharya



"Insights & Opportunities: Placement Induction for MCA."

Institutional Social Responsibility (ISR)

◆ Beach Cleaning Drive – Dadar Chowpatty

On 27th December 2024, 48 students participated in a Beach Cleaning Drive at Dadar Chowpatty, Mumbai, in collaboration with Seva Trust, Thane. The initiative focused on:

- Raising awareness about waste management
- Encouraging community participation in environmental conservation
- Promoting responsible civic behaviour

Students also conducted hygiene awareness campaigns, emphasizing the importance of cleanliness and sustainable living.

ISR activities are integrated into the curriculum, requiring MCA students to complete 30 hours of community service over their two-year program. This initiative not only instills social consciousness but also prepares students to be responsible citizens.

-Prof. Monali Rajput





"MCA Students Participating in Beach Cleaning Drive at Dadar Chowpatty."

Expert Lectures

◆ V-Reach: Session on "Blockchain: Industry Applications"

A session on **"Blockchain: Industry Applications"** was organized on 14th October 2024, conducted by **Mehul Tuteja**, an MCA alumnus and a smart contract developer at Sperax.

Mehul provided valuable insights into how blockchain technology is transforming industries by enhancing transparency, security, and efficiency. He highlighted the significance of smart contracts in automating business processes, reducing reliance on intermediaries, and showcased real-world applications he has worked on at Sperax.

The session offered practical knowledge on blockchain implementation and its growing influence on the global market, equipping students with a deeper understanding of emerging trends in the field.

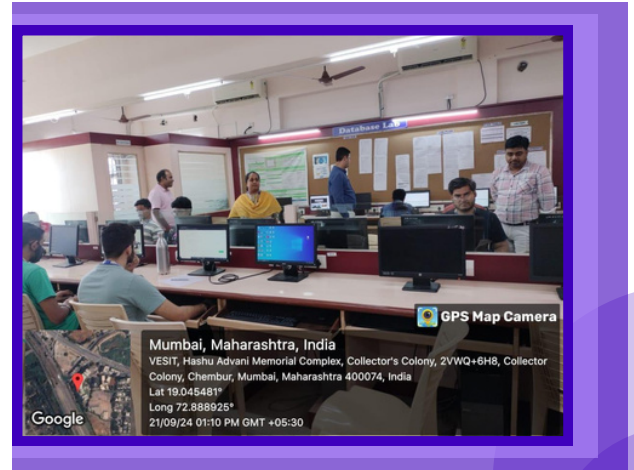


"Blockchain in Action: Industry Applications Unveiled."



◆ Placement Activity: V-Code Coding Competition

The V-Code competition was held on 21st September 2024, organized by the Training and Placement Cell, IQAC, and IIC, on the HackerRank platform. The event took place in Lab 505 & Lab 509, with 28 participants out of 98 registered students. The competition focused on enhancing students' proficiency in Data Structures and Algorithms (DSA), preparing them for coding tests and technical interviews during placements. The event was well-received, fostering a competitive and engaging learning environment.



"Glimpses of V-Code Coding Competition."

◆ Skill Enhancement Lectures (SEL)

Objective: Provide industry perspective and enhance academic understanding through real-world applications. SELs are part of an effort to bridge the gap between academic theory and industry practices.

Sessions:

- **"Blockchain Career Opportunities"** session took place on 14th October 2024, led by **Mr. Mehul Tuteja** as part of the *Blockchain course*. The session saw the participation of 95 students from SYMCA.
- **"Big Data: A Trusted Connection"** session was organized on 14th October 2024, conducted by **Mr. Mehul Tuteja** under the *Big Data Analytics course*, with 95 participants from SYMCA.
- **"Agile Methodology Case Studies"** session was conducted on 12th November 2024 by **Mr. Nilesh Bane** as part of the *UX Design & Development course*. The session had 110 participants from FYMCA.
- **"Data Pipeline & ETL Operations"** session was conducted on 14th November 2024 by **Mr. Nilesh Bane** under the *Data Warehousing & Mining course*. A total of 95 participants from FYMCA attended the session.

-Dr.Mona Deshmukh and Dr.Ramesh Solanki



"Enhancing Skills Through SEL Sessions."



Institute's Innovation Council (IIC)

◆ Design Thinking Workshop

On 25th July 2024, Dr. Dhanamma Jagli conducted an insightful session on human-centered problem-solving using Stanford's Design Thinking Process. The session covered the five key stages—Empathize, Define, Ideate, Prototype, and Test—emphasizing the importance of collaboration and creativity in developing innovative solutions. Through interactive discussions, participants explored real-world applications of design thinking, gaining a deeper understanding of how to approach complex problems with a structured yet flexible mindset.

◆ Intellectual Property Rights (IPR) Workshop

On 30th July 2024, an IPR Workshop was conducted by Mr. Rinkesh V. Kurkure (CTO, Psaximo Aerospace Pvt Ltd), focusing on Intellectual Property Rights for Startups, Patent Act 1970, Claim Drafting, and Strategic IP Management. The session provided valuable insights into the importance of intellectual property for startups, covering best practices in patent drafting and strategic IP protection. Real-world case studies were analyzed to illustrate both effective and poor IP practices, offering participants a practical understanding of how to navigate the complexities of intellectual property rights.

◆ Prakalp Pradarshanam (Project Showcase)

The Department organized "Prakalp Pradarshanam" on 28th October 2024 in Lab No. B14. The event, coordinated by Mr. Sunny Nahar and convened by Dr. (Mrs.) Dhanamma Jagli, aimed to showcase standout projects from MCA students.

The event focused on innovation, problem-solving, skill development, and engagement, providing students an opportunity to present their technology-driven projects. Panel members offered constructive feedback, helping candidates refine their work for better efficiency and impact. Additionally, the event encouraged collaboration between FYMCA and SYMCA students, fostering a strong sense of community and mentorship. With 99 participants (91 students, 8 faculty members), the session successfully enhanced students' technical knowledge, creativity, and real-world application skills. The star performers included Prof. Sunny Nahar from the IIC team and student coordinator Khushal Dhumane (FY MCA 2024-25). The event was actively promoted on social media platforms, broadening its reach and impact.

Prakalp Pradarshanam – Competition Results

Winners:

Coderoom (Online IDE + Contest Platform)

(23B07) Aman Shrivastav , Aditya Surve, Harshit Poojani

1st Runner-up:

VESIT Canteen Management (Smart Canteen)

(23A12) Devendra Mourya, Nishant Takle, Pranit Bane

2nd Runner-up:

Be My Senses (ASL Interpreter)

(23B06) Aarti Notani, Pradeep Varun, Advait Sarang



"Glimpses of Prakalp Pradarshanam – Project Showcase."

-Prof. Sunny Nahar



SPICE

SPICE conducts aptitude test sessions by experts and ex-students to make students understand the aptitude level of dream companies as well as prepare them for such placements in both aptitude and interviews. It also aids their overall personality development by giving them the confidence to speak via GD and debate sessions and prepare them for the corporate world.

◆ Aptitude Test Series 2024

The Aptitude Test Series, conducted from July to December 2024, included weekly online and offline tests covering Logical Reasoning, Quantitative Aptitude, English, and Computer Basics. The tests assessed students' skills and tracked their performance over multiple sessions.

Event Dates and Participation:

- 5th July 2024: 74 students attended (Total Marks: 60, Avg. Score: 26.5).
- 29th July 2024: 41 students attended (Total Marks: 40, Avg. Score: 24.8).
- 25th October 2024: 94 students attended (Total Marks: 60, Avg. Score: 33.6).
- 14th December 2024: 58 students attended (Total Marks: 60, Avg. Score: 39.5).

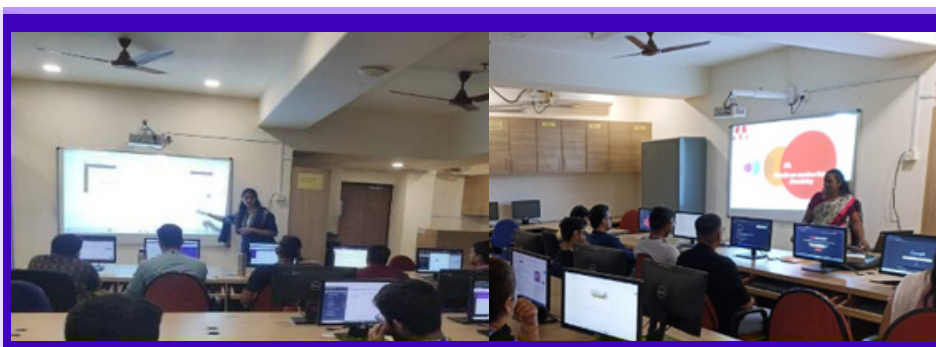
◆ Mock Interviews

The Mock Interviews were conducted on 3rd August 2024, with 30 final-year students participating. The session focused on interview readiness, technical and interpersonal skills, and real-time simulation of job interviews. Participants received constructive feedback to enhance their confidence and improve their overall performance in actual interviews.



"Mock Interviews for Placement Readiness."

◆ Research Tools Workshop



"Exploring Research Tools for Academic Excellence."

The Research Tools Workshop was held from 1st to 3rd August 2024, featuring Dr. Dhanamma Jagli and Mrs. Vaishali Gatty as speakers. The workshop covered research structuring and the use of Mendeley for citations and references, providing practical guidance to enhance research writing and management skills.

◆ Group Discussion Session

The Group Discussion Session was held on 9th October 2024, led by Dr. Geeta Ajit. The session focused on discussion techniques, critical thinking, teamwork, and awareness of current affairs. Students engaged in mock discussions and received valuable tips to enhance their effectiveness in group interactions.



"Honing Communication Skills: Group Discussion Session."

◆ Academic Writing Session

The Academic Writing Session was conducted on 5th December 2024, led by Dr. Dhanamma Jagli. The session covered manuscript types, research domain selection, and a demonstration of Mendeley for citation management. It emphasized the importance of structured academic writing to enhance research quality.

-Prof. Vaishali Gatty



Sports

◆ INDOOR SPHURTI 2024

The Indoor Sphurti 2024 was successfully conducted from 9th to 13th October 2024, bringing together MCA students to compete in various indoor sports at BCR, Turf, and Amphitheatre. The event featured thrilling matches in table tennis, chess, darts, futsal, and carrom, fostering sportsmanship, teamwork, and enthusiasm among participants.

MCA students actively participated and delivered commendable performances, showcasing their competitive spirit and dedication. The competition was intense, with players demonstrating remarkable skill and determination.

Winners & Achievements

Table Tennis (Girls Singles): Shravani Sakalkale

Carrom (Girls Singles): Dimple Parmar, Naina Medar, Sanskruti Pawaskar

The event was a grand success, encouraging a healthy balance between academics and extracurricular activities. Indoor Sphurti 2024 not only provided a platform for students to showcase their talents but also strengthened camaraderie among participants.



"MCA Students Competing in Indoor Sphurti."

-Dr. Ramesh Solanki



Skill Enhancement Programme (SEP)

◆ Technical Tests

As part of the Skill Enhancement Programme (SEP), technical tests were conducted for MCA students to strengthen their understanding of semester subjects. The online test, administered via Google Forms, included application-oriented questions designed to enhance students' technical proficiency. The initiative was well-received and proved beneficial for academic excellence and placement preparation. The test was conducted for First Year MCA (SEM I) on 11th December 2024, with 125 students participating, and for Second Year MCA (SEM III) on 8th November 2024, with 118 students in attendance.

Top Performers:

MCA First Year (SEM I): Avishkar Chavan, Kashish Dara, Princy Anthony, Kartik Hawelikar.

MCA Second Year (SEM III): Heetika Vaity, followed by Rakesh, Pranit Bane, Yash Desai, Radhika, Nikita Kundu, Akshita Singh, Mohammed Ansari.

The SEP technical tests helped students apply their theoretical knowledge, enhancing concept clarity and problem-solving skills. This initiative continues to support students in academic growth and career readiness.

-Prof. Vaishali Gatty



"FY MCA Students Attempting the Test."



"SY MCA Students Attempting the Test."

Faculty Contributions

From 2nd to 6th September 2024, the following faculty members attended sessions on Indian Knowledge System, organized by Vedanta College, PG and Research Department of Commerce in association with S. S. S. Shasun Jain College for Women:

- Dr. Ramesh Solanki
- Prof. Sunny Nahar
- Prof. Vaishali Gatty



Extra-Curricular

◆ Ruby Reconnect - MCA Department's Alumni Meet

Ruby Reconnect 2024, MCA Department Alumni meet was held in occasion of Ruby Jubilee Celebration of VES Institute of Technology and completion of 21 years of MCA department. This special occasion provides a platform for former students to reconnect with old friends, faculty, and their alma mater, while reflecting on the institution's rich legacy and growth over the decades. The event is a vibrant mix of nostalgia and pride, with speeches, cultural programs. Total 117 Alumni has registered for the event.



The event started with lamp lighting and Saraswati Vandana. Next, journey of MCA department shared by HOD MCA, Dr. Shiv Kumar Goel. After that address note by trustee member and president, VESIT Alumni Association followed by speech of Mr. Bharat Azwani, Associate Trustee member. Then the alumni were asked to share their journey of VESIT followed by presenting memento to individual alumni as a token of appreciation. Lastly all alumni and guest proceeded for lunch followed by games.



-Prof. Indira Bhattachariya



Alumni Interaction

“

Pratik Mahale, a Senior Threat Intelligence Consultant, began his career as a Test Analyst at BNP Paribas, developing analytical and problem-solving skills. He then joined Cyware Labs as a Security Researcher, gaining expertise in threat hunting and cybersecurity. Currently, at Saudi Telecom Company (STC) in Saudi Arabia, he analyzes and mitigates cyber threats. His journey highlights the importance of continuous learning, industry certifications, and hands-on experience in cybersecurity.

”



“Your strongest asset in cybersecurity is the people who understand the risks.”

-Pratik Mahale

- **Why did you decide to pursue your MCA at VESIT?**

I decided to pursue my MCA at Vivekanand Education Society's Institute of Technology (VESIT) because of its strong academic reputation and industry-oriented curriculum. VESIT has a proven track record of producing skilled professionals who excel in their careers, particularly in the field of computer applications. The institute offers excellent infrastructure, experienced faculty, and a vibrant learning environment, which are essential for honing technical skills. Moreover, VESIT's strong ties with the industry provide students with valuable internship and placement opportunities. These factors, combined with the institute's emphasis on holistic development, made VESIT the ideal choice for advancing my career in IT.

- **What would you like to say about the VESIT campus culture?**

The campus culture at Vivekanand Education Society's Institute of Technology (VESIT) is dynamic and inclusive, fostering both academic excellence and personal growth. It offers a perfect balance between rigorous academics and extracurricular activities, allowing students to explore their interests beyond the classroom. VESIT encourages a collaborative environment where students can engage in various clubs, technical societies, and cultural events, promoting teamwork and leadership skills. The institute also emphasizes diversity and mutual respect, making it a welcoming place for students from different backgrounds. Overall, the supportive and vibrant campus culture at VESIT plays a crucial role in shaping well-rounded individuals.

- **About VESIT professors and their methods of teaching?**

The professors at Vivekanand Education Society's Institute of Technology (VESIT) are highly knowledgeable and bring a wealth of experience to the classroom. They are committed to delivering quality education, often incorporating practical examples and real-world applications into their teaching to make complex concepts easier to understand. VESIT faculty emphasize interactive learning, encouraging students to actively participate in discussions, ask questions, and engage in problem-solving activities. Many professors also integrate the latest technological advancements and industry trends into their lessons, ensuring that students are well-prepared for the evolving job market. Their approachable nature and mentorship make them not only educators but also guides who support students' academic and career growth.



- **What knowledge or skills did you acquire while pursuing your MCA that you have found to be most helpful in your career?**

While pursuing my MCA, I gained several key skills and knowledge areas that have been incredibly valuable in my career. One of the most significant was the ability to conduct thorough research, which has helped me stay updated with emerging technologies and best practices. I also developed a solid foundation in ethical hacking, which sharpened my cybersecurity awareness and equipped me to identify and mitigate potential threats. Coding skills, particularly in languages like Python and Java, have been essential for developing solutions and automating tasks. Additionally, the program fostered my critical thinking skills, enabling me to analyze problems from different perspectives and devise effective solutions. Leadership opportunities during group projects and presentations helped me learn to manage teams and guide collaborative efforts, preparing me to take on leadership roles in a professional setting.

- **Which extracurriculars did you engage at VESIT, and why? How did your participation in these activities benefit your work?**

At VESIT, I actively engaged in several extracurricular activities, including being part of the Robotics Club, the Sponsorship Team for the annual Techfest, and serving as the Secretary of the SPICE Committee. My involvement in the Robotics Club allowed me to apply theoretical concepts in a practical setting, enhancing my technical skills and creativity in designing innovative solutions. As a member of the Sponsorship Team, I developed strong networking and negotiation skills while securing partnerships for the Techfest, which taught me the importance of collaboration and communication in a professional context. Serving as the Secretary of the SPICE Committee further honed my leadership abilities, as I was responsible for organizing events and managing team dynamics. These experiences not only enriched my college life but also provided me with essential skills that I continue to apply in my career, particularly in teamwork, project management, and technical problem-solving.

- **What is one thing from college that you still use in your carrier (skill or learning)?**

One crucial aspect from college that I still leverage in my career is the strong foundation in leadership skills that I developed during my studies. Engaging in group projects, extracurricular activities, and team-based competitions allowed me to practice and refine my ability to lead and collaborate effectively. This experience has been instrumental in my current role, where I now lead a team of 20 people as a Senior Threat Intelligence Consultant. The skills I acquired in college—such as effective communication, conflict resolution, and the ability to motivate and inspire others—have enabled me to create a cohesive and productive team environment.



Editorial Board



Prof. Sunny Nahar



Dr. Meenakshi Garg



Bhumi Mulani
(MCA 2A)



Riya Madavi
(MCA 2B)



Priyanka Sharma
(MCA 2B)



Khushal Dhumane
(MCA 2B)



Amey Nalawade
(MCA 2B)



Aryan Jethi
(MCA 2A)

