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Department of Master of Computer Applications

JANUARY - JUNE 2026



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अनन्था
Anantha

Department of Master of Computer Applications
ISSUE 21

Message from Department

Learn with curiosity, Lead with integrity and innovate with passion

Dear Readers,

It gives me immense pleasure to share my thoughts with the readers of **Anantha**, the annual magazine that beautifully captures the creativity, talent, achievements, and vibrant spirit of our MCA community.

The field of Computer Applications is evolving at an unprecedented pace, opening new horizons of knowledge, innovation, and opportunity. In this dynamic environment, our students are the learners of technology, the innovators, problem-solvers, and change-makers of tomorrow.

Education is a journey that extends beyond classrooms and examinations. It is about nurturing curiosity, developing confidence, embracing challenges, and cultivating values that guide us throughout life. I encourage our students to remain lifelong learners, to think creatively, to collaborate fearlessly, and to use technology responsibly for the betterment of society.

Anantha is a reflection of this journey. Through its pages, we celebrate not only academic excellence but also imagination, expression, teamwork, and the many dimensions of student life. I congratulate all the contributors, editors, faculty members, and students whose dedication has made this edition possible.

As you move forward, remember that success is not measured only by where you reach, but also by the knowledge you gain, the challenges you overcome, and the positive difference you make along the way.

May you continue to dream with purpose, learn with passion, and lead with integrity.

I wish Anantha continued success and every student a future filled with opportunities, growth, and meaningful achievements.

With best wishes,



Dr. Gresha S Bhatia
- Professor & Dean, MCA, VESIT

Vision of Department

To lead in Computer Applications by nurturing students through sustainable, holistic, and value-based learning to become technocrats thus contributing to the society and the nation.

Mission of Department

- To nurture ethical values, social responsibility and professional integrity among students, enabling them to become responsible and conscientious technocrats.
- To enable students to continually master evolving tools, research techniques, trends in technology and management and to apply them in practice in a cost-effective manner.

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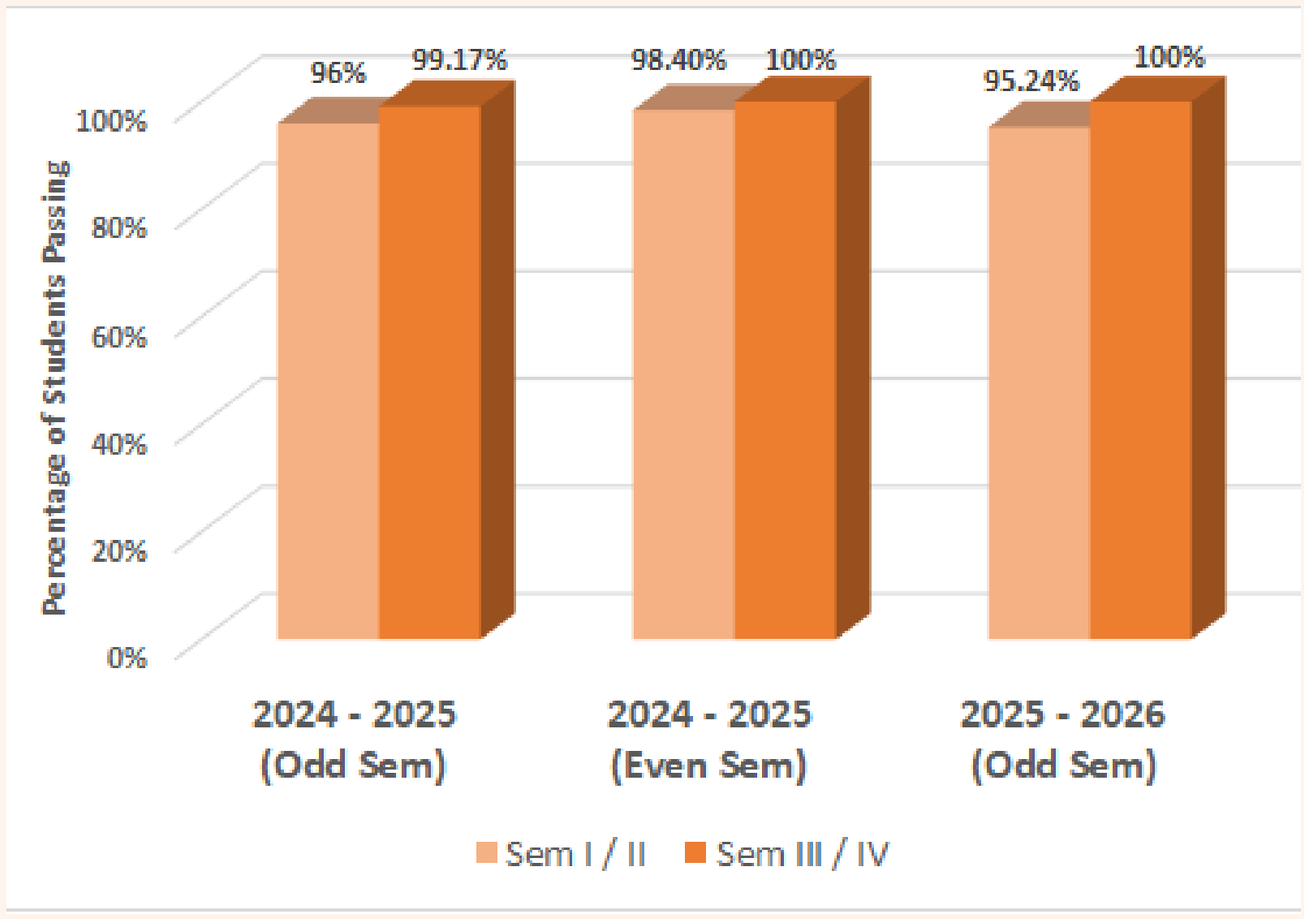
Academic Excellence



Toppers (2025-2026):

Semester I

- Sibani Podili
- Diya Choudhary
- Uday Dewani

Semester III

- Naina Medar
- Shreya Pandey
- Anubhav Patil
- Manasi Kalgutkar
- Bhumi Mulani
- Princy Anthony

– Dr. Ameya Parkar

Internships

Internship Projects:

Internship projects bridge the gap between academic learning and industry practice, enabling students to apply Software Development Life Cycle (SDLC) principles, develop real-world software solutions, and strengthen their technical, analytical, and professional skills. Through hands-on experience in industrial environment, students gain valuable industry exposure and learn to address practical challenges.

For Semester IV of SY MCA (2025–26), **123 students** are pursuing **industry internships** and **2 students** are engaged in **in-house projects**.

– Dr. Mona Deshmukh

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"The improvement of the native population is the object of the Government."

Placement Activities

Career Mentoring Week: A Step Towards Placement

The Department of Master of Computer Applications (MCA), Vivekanand Education Society's Institute of Technology (VESIT), organized "**Career Mentoring : A Step Towards Placement"** from **19th to 23rd January 2026**, with **130 students** participating under the guidance of **Prof. Indira Bhattacharya**. The sessions were held from **1:00 PM to 3:00 PM** on the **first floor** of the Department of MCA, focusing on aptitude, technical skills, and interview preparation for upcoming placements.

The program began with an **"Introduction to Aptitude"** session conducted by **Mr. Naishal Doshi** and **Mr. Shubham Bolave**, followed by an **"Aptitude Hands-On"** session where students practiced problems through peer-to-peer activities. These sessions helped students improve their logical reasoning and problem-solving skills, which are important for placement tests.

Mr. Pratik Mahale, **Threat Researcher** at **Google**, conducted the **"Cracking the Interview"** session, sharing practical advice on resume building, interview preparation, and handling technical and HR rounds. His guidance helped students understand the recruitment process and prepare for interviews with greater confidence.

The program also included **Hands-On DSA Programming and DSA / Technical Test activities**, giving students an opportunity to practice coding, apply their knowledge of data structures and algorithms, and become familiar with placement assessments. Overall, Career Mentoring Week combined expert guidance with practical learning, helping students strengthen their skills and feel better prepared for upcoming placement tests and interviews.





Career Mentoring Session in Progress

– Prof. Indira Bhattacharya



"A more liberal and enlightened system of instruction must be adopted for the advancement of knowledge."

Student Endeavour

Scholarship

In the MCA Department at Vivekanand Education Society's Institute of Technology, several students were awarded scholarships from the VES Trust.

The recipients and their respective scholarships for the academic year 2025-2026 are as follows:

- **Sanskruti Vinayak Pawaskar** received the **vivekanandJyothiScholarship** for FYMCA/SEM II.
- **Ayush Khorgade** received the **studentAidScholarship** for FYMCA/SEM II.

– Prof. Monali Rajput

Skill Enhancement Lectures(SEL)

Skill Enhancement Lectures (SEL) were conducted to provide students with **practical exposure to research practices and emerging technologies**, while strengthening research capabilities, ethical academic practices, and awareness of higher studies, entrepreneurship, and industry requirements.



Effective Research Paper Writing
Expert Lecture by Dr. Nadir Charniya

Effective Research Paper Writing and Research Ethics:

The session was conducted on **8th April 2026** under the **Research Methodology** course for **FY MCA Semester-II**, organized by **Prof. Indira Bhattacharya** and **Dr. Meenakshi Garg**, with **Dr. Nadir Charniya** as the resource person. It was attended by **91 students** and focused on effective research writing, research ethics, and preparation for higher studies and entrepreneurship.

The Evolution of NLP from ML to DL:

The session was conducted on **10th April 2026, from 9:30 am to 11:30 am**, under the **Artificial Intelligence** and **Machine Learning course**, organized by **Dr. Gresha Bhatia** and **Dr. Dhanamma Jagli**, with **Mr. Ganesh Parab** as the resource person. It was attended by 105 students and covered **TF-IDF, Word2Vec, LSTMs, Transformers, BERT, LLMs, hallucination, and RAG**, enhancing students' technical understanding and career readiness.



Speaker interacting with students in the classroom

– Dr. Meenakshi Garg, Prof. Vaishali Gatty



"Truth and Virtue do not necessarily belong to wealth and power."

Skill Enhancement Programme (SEP)

Skill Enhancement Programme (SEP) was conducted as an academic initiative to strengthen **technical knowledge, application skills, and placement readiness** through syllabus-based, application-oriented assessment, helping students apply theoretical and problem-solving skills.

Technical Tests under SEP

Technical Tests under **SEP** were **conducted** for **FY MCA Semester-II students** on **27th April 2026,** with **121 students present**. The online test was conducted through Google Forms, questions were application-oriented and aligned with the semester syllabus to strengthen students' knowledge and technical skills.

The initiative supported **academic improvement, practical understanding, and placement readiness**. **Seven students achieved full marks**, demonstrating excellent subject proficiency.



FYMCA Students Attempting Technical Test



FYMCA Students Attempting SEP Test

The assessment witnessed outstanding performances from the following students:

- **Raviraj Mali**
- **Devesh Mahajan**
- **Bhupesh Lund**
- **Tanavi Kadam**
- **Mohit Jain**
- **Shivam Chauhan**
- **Krutika Jumare**

The assessment enhanced students conceptual clarity, application of theoretical knowledge, problem-solving abilities, academic performance, and placement preparedness.

– Prof. Vaishali Gatty, Prof. Monali Rajput

Co-Curricular Activities

SPICE : Students Personality, Intellect and Creativity Enhancement

SPICE aims to bridge the gap between academic learning, industry and placement requirements by providing students with focused aptitude sessions conducted by experienced experts and alumni. Along with aptitude preparation, the initiative includes activities that strengthen students' personality, communication skills, confidence and problem-solving abilities. Through these sessions and interactive activities, SPICE helps students become better prepared for placement assessments, interviews, group discussions and the expectations of the professional world.





Students attending the session on
"The Art of Effective Group Discussion"

The Art of Effective Group Discussion:

The SPICE Committee of MCA organised an interactive session on **The Art of Effective Group Discussion** on **6th April 2026**, led by **Dr. Sushil Dhuldhar**, Assistant Professor, Department of Humanities & Applied Sciences. The session covered **communication, active listening, body language, and structured thinking**, concluding with a mock group discussion that provided students with practical experience and strengthened their confidence for placement interviews.

Group Discussion Activity:

As an extension of The Art of Effective Group Discussion session, the SPICE Committee conducted a **group discussion activity** on **13th April 2026** across Rooms 112 and 113. Evaluated by **two faculty panels,** the activity engaged students in discussions on current affairs, technology, social issues, and career development. This activity strengthened communication, teamwork, leadership, critical thinking, and confidence, preparing students for placement interviews and professional interactions.



Group discussion activity with two judging panels



Dr. Sushil Dhuldhar taking session
on "Cracking Interviews"

Cracking Interviews:

The SPICE Committee organised an interactive session on **Cracking Interviews** on **13th April 2026**, led by **Dr. Sushil Dhuldhar**. The session covered **resume building, communication skills, body language, professional etiquette**, and effective interview strategies. With the help of practical examples and interactive activities, students gained valuable insights into **personality development, self-awareness, and presenting themselves confidently**. The session **enhanced their interview readiness** and encouraged them to approach future professional opportunities with confidence and a positive attitude.

- Dr. Dhanamma Jagli, Prof. Vaishali Gatty



"The path to reform begins with the courage to question."

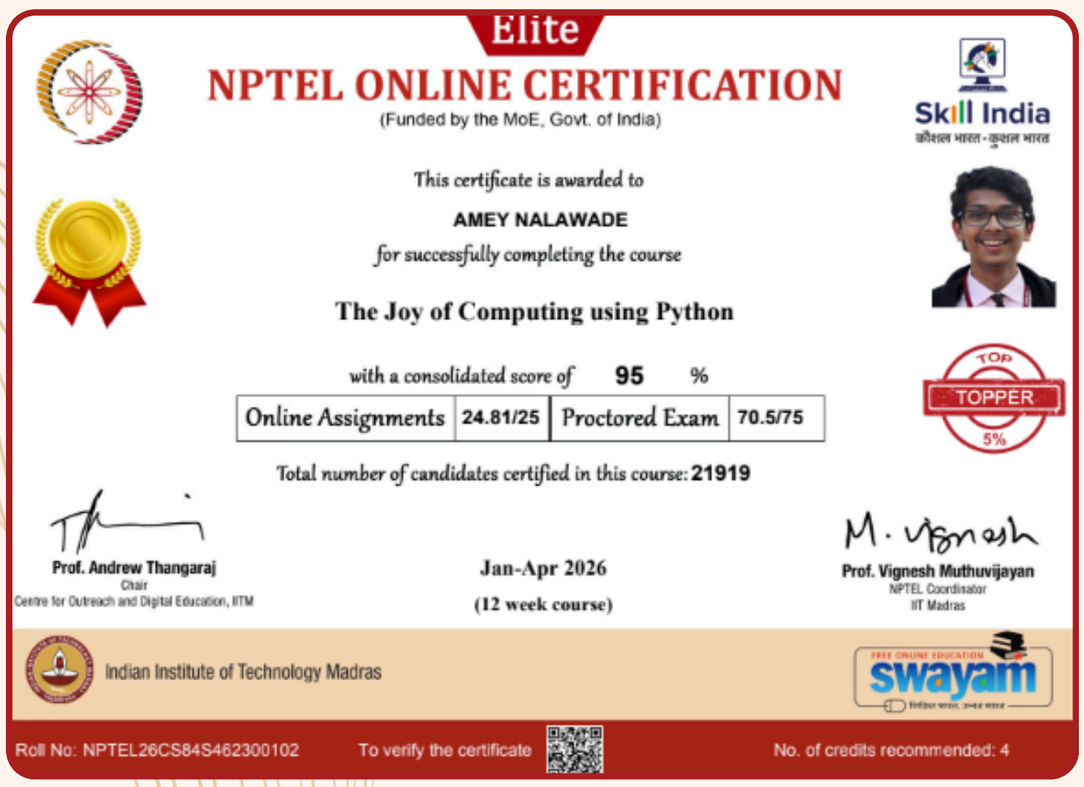
MOOC - Massive Open Online Course

The MCA Department encouraged students to pursue MOOCs beyond the prescribed curriculum, **developing skills aligned with their interests and career goals**. Students completed **215 online courses** across platforms such as SWAYAM, Oracle Academy, NVIDIA, Microsoft, Google, Coursera, Coding Ninjas, Internshala, and Udemy. These courses provided **exposure to emerging technologies**, **industry-relevant concepts**, and **professional skills**. The certifications earned strengthened students' technical knowledge, academic profiles, confidence, and employability.



Microsoft's Azure AI Fundamentals Certification

NPTEL Certification



Amey Nalawade's NPTEL Certificate

The Department of MCA promoted continuous learning through SWAYAM/NPTEL, with students completing **142 courses** during the reported period. The achievements included **13 Elite + Gold** and **68 Elite + Silver** certifications. Students also excelled in their respective courses, with **1 student ranking among the top 1%, 6 among the top 2%, and 3 among the top 5%**. These accomplishments reflect the department's commitment to technical excellence, skill development, and enhanced employability.

– Prof. Ruchi Rautela

Oracle Academy

The MCA Department promoted industry-oriented learning through Oracle Academy, with **11 students enrolled in the Database Programming with PL/SQL course**. On **8th June 2026**, students appeared for the final examinations covering Semester I and II assessments. The initiative provided **practical exposure to database programming, strengthened technical competencies**, and encouraged professional development through structured learning and certification.



Students giving Oracle Academy Exam

– Prof. Ruchi Rautela, Prof. Monali Rajput



"True religion is strengthened by reason, not weakened by it."

AWS Certification



AWS Academy certification earned by Yash Singh, FYMCA

76 FYMCA students successfully earned the **AWS Academy Machine Learning Foundations certification** in **2025–26**, marking a significant step towards building industry-relevant expertise. The certification provided students with a strong foundation in **machine learning concepts and cloud technologies**, enhancing their technical capabilities and preparing them for emerging opportunities in the digital and technology-driven landscape.

– Dr. Ramesh Solanki, Prof. Monali Rajput

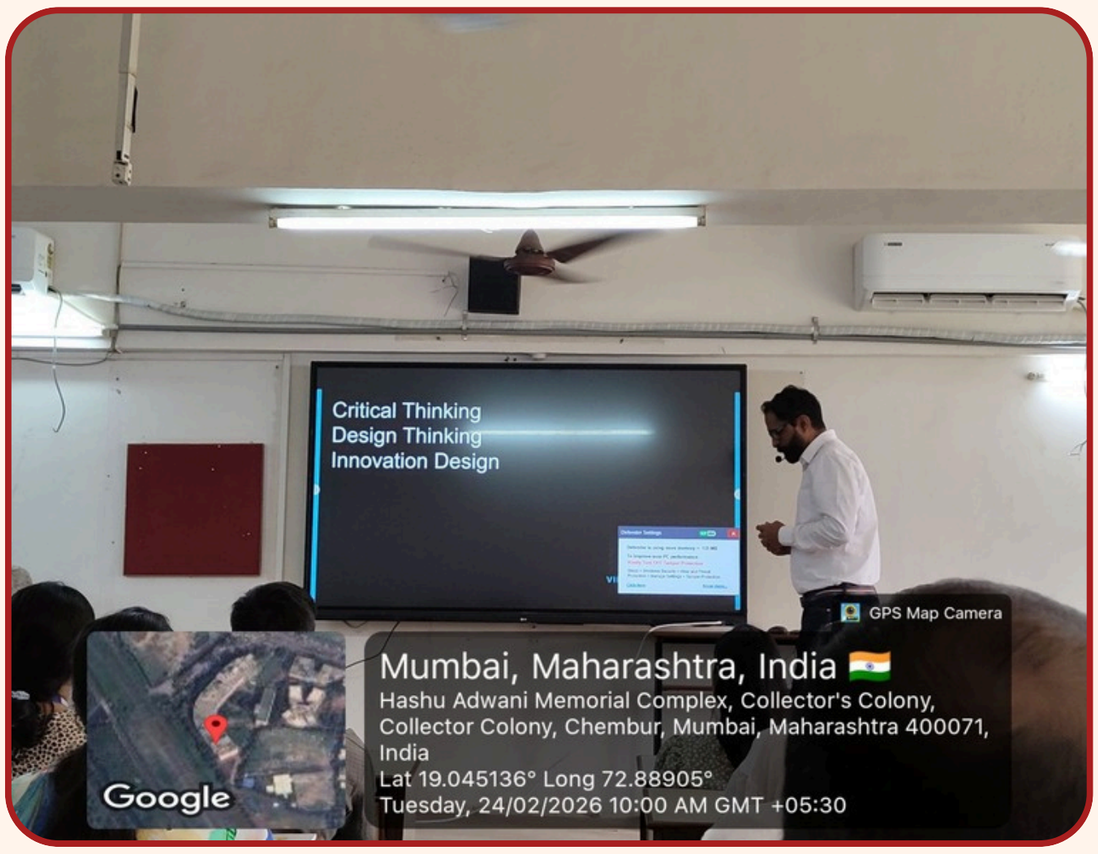
IIC - INSTITUTION'S INNOVATION COUNCIL

Poster Presentation :

On **18th February 2026**, the department organized the **Innovation Showcase: Poster Presentation – 2026** to encourage creativity, innovation, and technical communication. The event had **119 participants, including 111 students and 8 faculty members**. Students presented innovative ideas and received valuable feedback from the panel. TruthLens was declared the Winner, while The Dabba Crew, FinSight, and AksharAlly were the 1st Runners-up, and Smart Resume Analyzer secured the 2nd Runner-up position.



Students attending Digital Poster Presentation



Session on "Design Thinking, Critical Thinking and Innovation Design."

Workshop: Design Thinking, Critical Thinking and Innovation Design :

On **24th February 2026**, the MCA Department, in association with IIC and IQAC, VESIT, conducted a workshop on **"Design Thinking, Critical Thinking and Innovation Design."** The session focused on problem identification, understanding user needs, creative solution development, and innovation through feedback. The workshop was conducted by **Dr. Dhanamma Jagli, Dr. Ramesh Solanki, Prof. Ruchi Rautela, Prof. Sunny Nahar, and Dr. Meenakshi Garg,** and was attended by 128 participants, including 123 students and 5 faculty members

– Dr. Dhanamma Jagli, Prof. Sunny Nahar



Synergy: Research Symposium 2026

The Department of MCA organized **SYNERGY: Research Symposium 2026** on **4th July 2026**, under the guidance of VESIT – **Institution's Innovation Council (IIC) and Internal Quality Assurance Cell (IQAC).** Convened by Dr. Mona Deshmukh and coordinated by Dr. Ameya Parkar and Prof. Vaishali Gatty, the symposium provided SYMCA students with a **platform to present research papers and innovative academic projects** across three tracks: **Sustainable Technologies & Smart Applications, Cyber Security & Networking, and Artificial Intelligence & Data Science.**



A view of SYNERGY: Research Symposium 2026

With **121 students** and **9 faculty** members participating, the event strengthened the department's research culture, innovation, critical thinking, and scholarly engagement. Expert evaluation and constructive feedback helped students enhance their research, analytical, presentation, and communication skills, while building confidence in presenting their work.

– Dr. Mona Deshmukh, Dr. Ameya Parker

Hackathon

The **FY MCA students of the 2025–2026 batch** showcased their technical enthusiasm by participating in **12 hackathons**, representing the department across VESIT and several reputed institutions. A total of **24 teams** comprising **73 students** participation entries took part in these competitions, gaining hands-on experience in **problem-solving, collaborative development, and emerging technologies.**

Students participated in **Genesis Hackathon** and **Syrus Hackathon** at VESIT, with **5 teams each**, along with intercollegiate competitions including **India Next Hackathon** at K.E.S. Shroff College, **CTF 3.0** at KJ Somaiya School of Engineering, **REDACT Hackathon** at SPIT, **Mumbai Hacks** at NESCO, **Odoo x SPIT Hackathon**, and **Cyber Cypher 5.0** at NMIMS. Teams also participated in **GenAI Hackathon Mumbai 2025**, **TechXpression X CSI**, **VEGA**, and **Invictus 2026 Online Hackathon**, reflecting the department's active participation across diverse technology domains. The participation showcased students' **technical proficiency, teamwork, innovation, and ability to tackle real-world challenges.**

– Dr. Ramesh Solanki, Prof. Monali Rajput



Glimpses of the Hackathon



Technology Day 2026 – Innovation Showcase



Students demonstrating their innovative projects

The Department of MCA organized **Technology Day 2026** – Innovation Showcase on **23rd March 2026**, giving students a platform to present innovative projects and demonstrate their technical skills. Projects included TruthLens, The Dabba Crew, FinSight, and AksharAlly – Dyslexia Friendly App. The event encouraged innovation, collaboration and technical communication, with 111 students and 8 faculty members participating, and students received valuable feedback to strengthen their technical and presentation skills.

– Dr. Mona Deshmukh, Prof. Indira Bhattacharya

Version'26 – All India MCA Meet at NIT Trichy


MCA Students at Version 2026 (NIT Trichy)

VESIT's MCA students took part in Version-2026, the **All India MCA Meet** held at **NIT Tiruchirappalli** from **20th to 22nd March 2026**. **Six students represented VESIT**. The three-day event featured a guest lecture by **Dr. S. Chandramouli (Associate Director, Cognizant)** on Agentic AI and AGI, a workshop on low-code development and workflow automation, and competitions such as AlgoRhythm, Backtrack, Replicode, CoreTex, Treasure Hunt and Pitch 2 Rich. **Sundarm Yadav won CoreTex Round 1** in the **individual events**,while the team won **Treasure Hunt Round 1** and secured **1st place in Pitch 2 Rich.** Team **VESIT ranked 4th** among **23 participating colleges**.The experience **strengthened students' technical skills, teamwork, pitching** and **interview readiness** while also **gaining exposure** to **industry trends in AI and automation.**

– Dr. Ramesh Solanki, Prof. Monali Rajput

Degree Distribution Ceremony



A glimpse of the degree distribution panel

On **18th April 2026**, the MCA Department at VESIT conducted its **Degree Distribution Ceremony** on behalf of the University of Mumbai, coordinated by **Dr. Ameya Parkar**. Chief Guest **Mr. Minhaj Shaikh**, Founder of Friends Campus, inspired the graduates with guidance for their professional journeys, while **Dr. Shivkumar Goel and Dr. Dhanamma Jagli** represented the department. The highlight of the two-hour event was the awarding of degree certificates to **76 graduating students**, in the presence of **9 faculty members and 31 parents.** The ceremony concluded with a vote of thanks by **Dr. Dhanamma Jagli**.

– Dr. Ramesh Solanki, Dr. Ameya Parkar, Prof. Indira Bhattacharya



"A nation prospers when education reaches all classes of society."

Extra Curricular Activities

InterVes Throwball 2026

The **InterVes Throwball**, held in **January 2026**, witnessed enthusiastic participation from FYMCA students, with **Kashmira Bhingare and Roshni Aga** representing the MCA Department. The duo delivered an impressive performance and **emerged as winners of the event**, marking a notable achievement for FYMCA. Their performance reflected strong teamwork, coordination, and competitive spirit, while encouraging greater participation in sporting and co-curricular activities within the department.



FYMCA – InterVes Throwball Winners

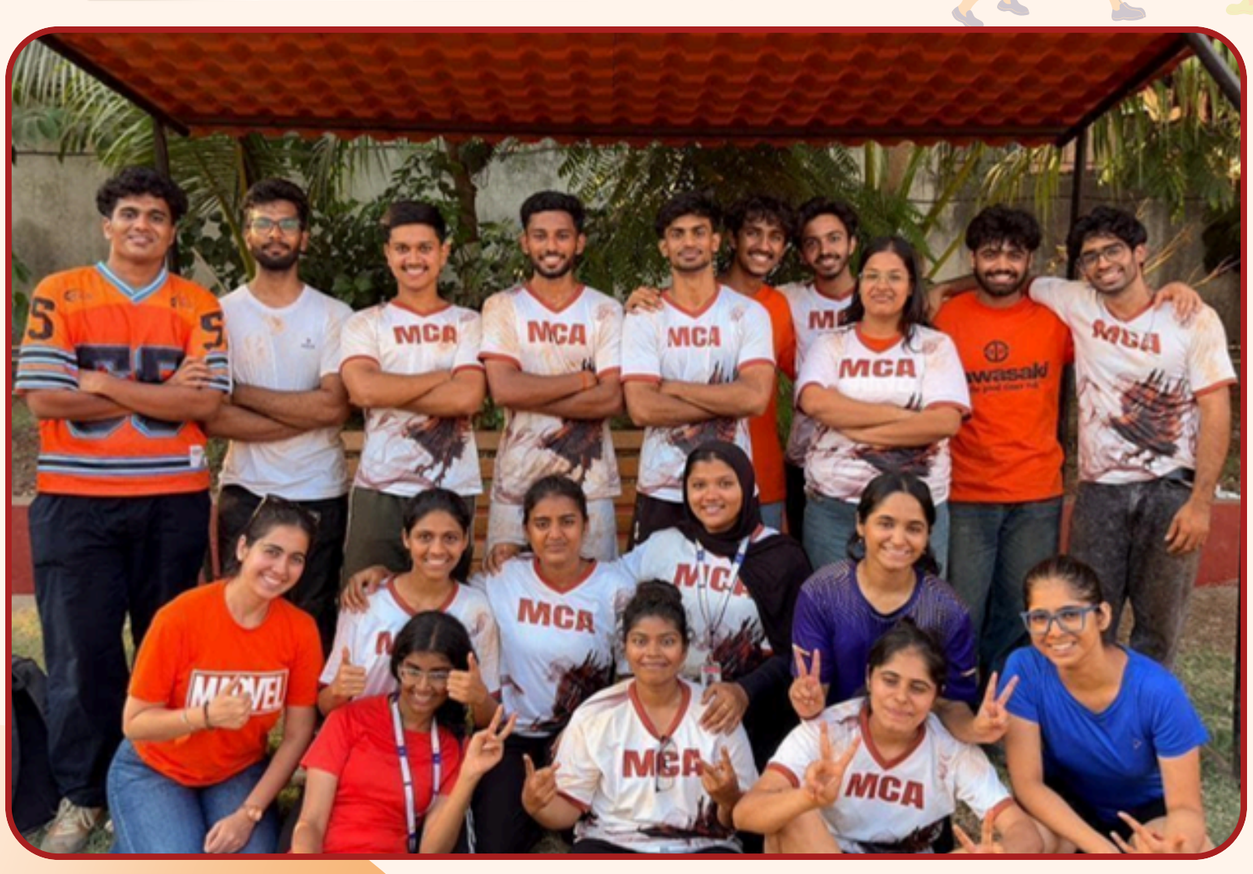
Girls VCL 2026

The **Girls VCL (VESIT Cricket League) 2026,** held on **25th–26th January 2026,** witnessed enthusiastic participation from **seven FYMCA students**, who showcased their cricketing skills, teamwork, and sportsmanship. **Chetna Ranglani was part of the winning team,** marking a proud achievement for FYMCA. The tournament provided students with a valuable opportunity to develop their **sporting abilities, strengthen team spirit, and gain experience** through competitive play. Their active involvement reflected the growing interest in cricket and co-curricular activities within the MCA department, encouraging greater participation in sports and fostering a spirit of camaraderie among students.



VCL 2026 Winning Team Member: Chetna Ranglani

Outdoor Sphurti 2026



FY-MCA Outdoor Sphurti 2026 Team

Outdoor Sphurti 2026, held from **27th – 31st March 2026,** witnessed enthusiastic participation from FYMCA students across various outdoor sporting events. The students showcased strong team spirit and competitive enthusiasm, securing **first place in Throwball, Girls' Dodgeball, and the Mixed 400m Relay,** along with **runner-up positions in Volleyball, Mixed Kho-Kho, and the Boys' and Girls' 100m events.** The **Boys' Tug of War team** also reached the **semi-finals**, marking notable achievements for FYMCA and highlighting teamwork, discipline, and sportsmanship.

– Dr. Ramesh Solanki



Shubhant

The MCA Department organized **"Shubhant"**, a farewell event for the outgoing SYMCA batch on 18th April 2026, under the guidance of **Dr. Shivkumar Goel and Dr. Dhanamma Jagli**. The event was planned and conducted by FYMCA students to celebrate their seniors' journey, achievements, and memories. The event began with **Saraswati Poojan**, followed by a **group dance, Movie Charades**, and a **lively jamming session**. Students enjoyed fun interactions and showcased their singing and instrumental talents, creating a joyful atmosphere. The activities provided an opportunity for juniors and seniors to **interact, celebrate their bond,** and **create lasting memories** together. The event also reflected the strong sense of camaraderie and enthusiasm among the students. The event concluded with a Vote of Thanks. Overall, "Shubhant" was a heartfelt and memorable farewell, filled with fun, emotions, friendship, and cherished memories.



Shubhant – Farewell Fest 2026

– Dr. Ramesh Solanki, Prof. Monali Rajput

ILLUSION'26

The annual cultural festival ILLUSION 2026 was organized at the Amphi-Theatre, VESIT, with the pre-events taking place from **12th to 17th January 2026** and the main event being held from **19th** to **23rd January 2026**. The events were **conducted daily** from **12:30 PM to 4:00 PM**, providing students with an opportunity to participate and showcase their diverse talents. The festival was inaugurated by **Dr. ShivKumar Goel** under the inspiring theme **"Swarajya: Sangramse Samrattak"** which added a meaningful cultural and historical dimension to the celebrations.

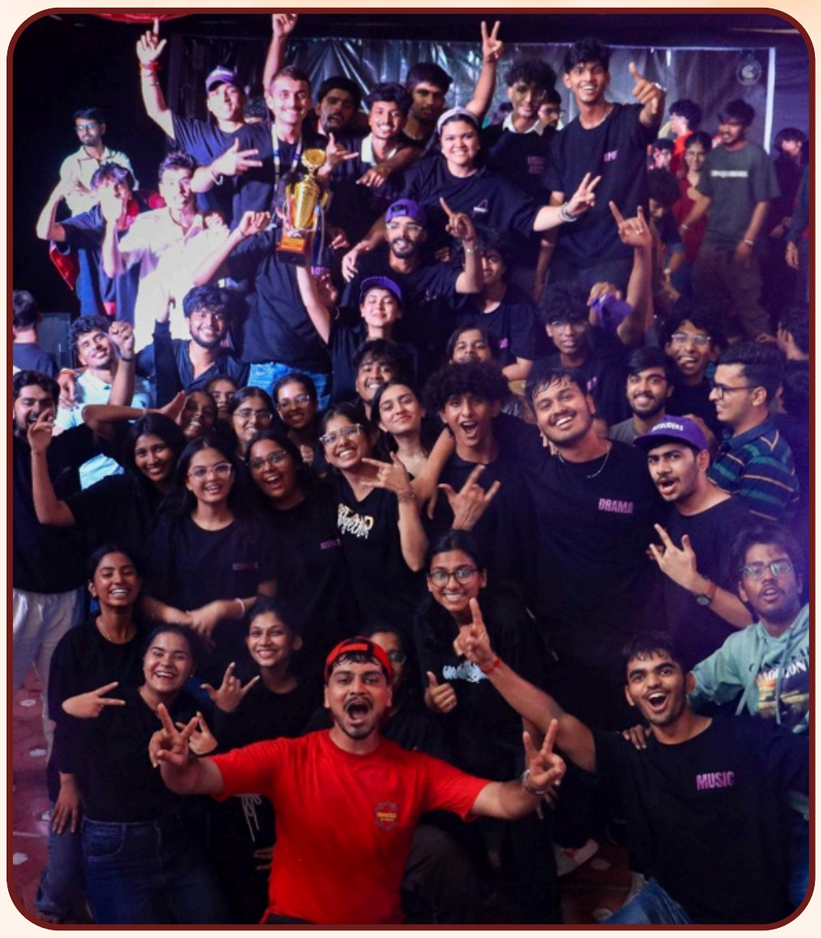


Musical Performance at ILLUSION'26

The **pre-events** included **Aesthetics, Debate, Drama Faceoff, BOTS,** and **Amazing Race, encouraging** students to demonstrate their **creativity, communication skills, knowledge, teamwork,** and **problem-solving abilities**. The main event featured a wide range of activities including dance, drama, music, fashion, and sports, attracting enthusiastic participation from students. The entire festival created a lively and energetic atmosphere on campus, providing students with a platform to express themselves, develop confidence, interact with others, and celebrate their creativity and talents.



"The more knowledge is diffused, the more will the people become sensible of their rights."



ILLUSION'26

The festival featured six teams—**Prevailers, Intruders, Conquerors, Invaders, Imperials, and Laureates.** Students from the **MCA Department** actively participated in **dance, singing, and band performances**, adding to the cultural spirit of the festival.

The event concluded with spectacular final performances and a dance by all the teams, followed by the announcement of **Intruders as the winning team**. Overall, ILLUSION 2026 was a memorable celebration filled with **talent, teamwork, friendship, excitement, and unforgettable college memories.**

UTSAV'26



A memorable moment from UTSAV'26

On **25th March 2026**, UTSAV'26 began at the **VESIT Campus** with offline and online rounds and continued till **2nd April 2026**. The festival celebrated **talent, creativity, and college spirit** through various Junior and Senior category competitions.

The festival featured **Doodle Diaries, Bollywood Day, Jersey Day, and Traditional Day**, along with events such as **Debate, Treasure Hunt, Flashmob, Open Mic, Dhol Pathak, Drama, Voice of VESIT, and Band performances**. Online competitions and auditions for **Poster Designing, Mr. & Miss VESIT, Dance, Drama, Voice of VESIT, and Vogue** also encouraged wider participation.

The grand finale on **2nd April (Suit Day)** included Solo and Group Dance, **Mr. & Miss VESIT, and student performances**, followed by the **Student Council Sign-Off**. Overall, UTSAV'26 created **joyful memories, confidence, friendships, and a strong sense of togetherness** among students.

– Dr. Ramesh Solanki, Prof. Monali Rajput



"No custom can be justified when it is contrary to humanity."

Faculty Contributions

Faculty Development Programmes

The FDP on **"Advanced Deep Learning for Image Analysis (ADLIA-2026)"** was attended by **Prof. Ruchi Rautela and Prof. Sunny Nahar**, organised by the **Department of Emerging Science and Technology, Maharashtra Institute of Technology, Chh. Sambhajinagar**, from 5th–9th January 2026.

The FDP on **"Creating Effective Learning Ecosystem through Innovative Techno-Pedagogies in Light of NEP 2020"** was attended by **Prof. Sunny Nahar and Prof. Vaishali Gatty**, organised by **Vidyalankar Polytechnic & ISTE**, from 19th–31st January 2026.

The FDP on **"Generative & Agentic AI – Tools & Demos"** was attended by **Prof. Ruchi Rautela, Prof. Sunny Nahar, Dr. Meenakshi Garg and Prof. Vaishali Gatty**, organised by **SVNIT, IEEE Gujarat Section and Pantech Solutions India Pvt. Ltd.**, from 16th–21st February 2026.

The FDP on **"Pedagogies for Engaged Minds: AI-Driven Active Learning Tools for Dynamic Students Engagement in Higher Education"** was attended by **Dr. Ameya Parkar and Prof. Monali Rajput**, organised by the **Department of Computer Engineering, PCCOE, in association with IEEE Education Society, Pune**, from 5th–11th March 2026.

The FDP on **"AI-Driven ICT Tools and Smart Techniques for Education and Research"** was attended by **Dr. Ameya Parkar, Prof. Ruchi Rautela**, **Prof. Sunny Nahar and Prof. Vaishali Gatty**, organised by **MET-ICS, Bandra**, from 9th–13th March 2026.

The FDP on **"AI-Driven NLP & LLMs for Sustainability"** was attended by **Dr. Ameya Parkar, Prof. Indira Bhattacharya, Prof. Ruchi Rautela, Prof. Sunny Nahar, Dr. Meenakshi Garg and Prof. Vaishali Gatty**. The programme was organised by **VESIT, Chembur**, from 23rd–28th April 2026.

The STTP on **"AI Driven Software Development"** was attended by **Dr. Meenakshi Garg**, organised by **Sardar Vallabhbhai National Institute of Technology and Pantech Solutions India Pvt. Ltd.**, from 1st–30th May 2026.

The FDP on **"Academic Innovation through AI, Research and Pedagogy"** was attended by **Prof. Indira Bhattacharya, Prof. Ruchi Rautela, Prof. Sunny Nahar and Prof. Vaishali Gatty**, organised by **Hiray College**, from 9th–13th June 2026.

–Dr.Meenakshi Garg, Prof. Vaishali Gatty



Research Projects

Dr. Meenakshi Garg guided the research project **"Brain Tumor Detection Using AI"**, presented at the **20th Aavishkar Inter Collegiate / Institute / Department Research Convention – Zonal Round**, organised by the **University of Mumbai**, on **9th December 2025**.

Research Publications

Prof. Sunny Nahar published five **international research papers** in the **International Research Journal of Engineering and Technology (IRJET), Volume 13, Issue 06, June 2026**. The publication details are **e-ISSN: 2395-0056 and p-ISSN: 2395-0072.**

The following are the details of the Research Papers:

- **"A Comparative Analysis of Generative Adversarial Networks and Deep Belief Networks: Architecture, Performance, and Applications"**
- **"Quantum Machine Learning for Fraud Detection: An Extensive Comparative Study with Classical Models.**
- **"A Survey and Taxonomy of Real-Time Spatial Audio Technologies for Interactive Game Environments"**
- **"AI-Driven Cognitive Manipulation Risks in Metaverse Environments: Challenges, Implications and Security Solutions"**
- **"Real-Time Theft Detection Using Canny Edge-Based Intelligent Observation Framework"**

Invited Lectures and Academic Sessions

Dr. Dhanamma Jagli

- Delivered an **Expert Lecture** during the Faculty Development Programme titled **"AI-Driven ICT Tools and Smart Techniques for Education and Research",** organised by **MET-ICS**, held from **9th to 13th March 2026.**

Dr. Meenakshi Garg

- Served as a **Reviewer** for the **1st International Conference on Intelligent Computing and Automation for Sustainable Solutions,** organised by the **School of Engineering**, **Manav Rachna University**, held from **12th to 13th February 2026.**
- Served as a **Reviewer** for the **2026 International Conference on NextGen Data Science & Analytics**, organised by the **School of Sciences, CHRIST (Deemed to be University), Delhi NCR Campus**, held from **10th to 11th April 2026.**

– *Dr. Meenakshi Garg, Prof. Sunny Nahar*



"Every well-wisher of the human race must desire the spread of enlightened knowledge."

Research Forum

- The MCA Department's Research Forum organised two talks during the semester for the students of FY MCA, both convened by **Dr. Machchindranath Patil** and coordinated by **Prof. Vaishali Gatty.**

- On 10th April 2026, a **"Hands-on session on Retrieval-Augmented Generation (RAG)"** was conducted by **Mr. Ganesh Parab**, Machine Learning Engineer at Quantiphi and an alumnus of the institute, for an audience of **99 students and 5 faculty members**. The session covered RAG architecture, document retrieval, vector databases, and prompt engineering, with Yash Mhatre recognised as the star student performer.

- On **21st January 2026**, a second talk titled **"The Science of Prompting: Shaping Intelligence with Language"** was delivered by **Mr. Pratik Mahale, Threat Researcher at Google LLC**, to **84 students and 6 faculty members,** focusing on prompt-engineering techniques and their role in improving accuracy, creativity, and productivity while working with AI tools.

– Dr. Dhanamma Jagli, Prof. Vaishali Gatty

Faculty Development Workshop and Industrial Training Program

The MCA Department conducted a week-long Faculty Development Workshop and Industrial Training Program titled **"AI-Driven NLP & LLMs for Sustainability – Transforming Intelligence into Real-World Sustainable Impact"** from **23rd to 28th April 2026**, under **IQAC** and in association with the **Institution's Innovation Council (IIC).**



Online meet held for Faculty Development

Sessions led by **Dr. Seema Purohit, Mrs. May Jue Thet Aung, Mr. Rushikesh Meharwade, Dr. Soumyo Maity,** and **Prof. Dr. M. Vijayalakshmi** covered environmental sustainability, Responsible AI, industrial applications, AI security, Generative AI, transformer architectures, agentic AI, and multimodal systems. The programme highlighted **AI's role in sustainable development, ethical governance, and secure deployment,** concluding with a valedictory function and a vote of thanks by **Dr. Gresha Bhatia.**

– Dr. Meenakshi Garg, Prof. Vaishali Gatty



"Wise and good men always feel disinclined to hurt those that are of much less strength than themselves"

Expressions



Anjali Arethiya (FYMCA - B)

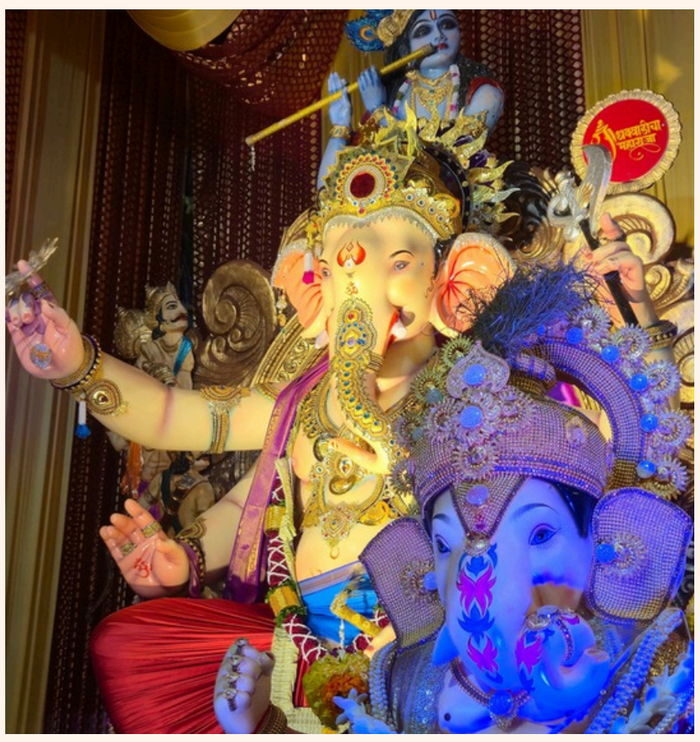


Tanya Nagar (FYMCA- A)



Aarushi Salunke (FYMCA-A)





Piyush Rajput (FYMCA-A)

भारतभूमेः स्तुतिः

भारतमाते नमस्तुभ्यं, धर्मभूमे सनातनि।
शिरसा त्वां वयं नित्यं, भक्त्या वन्दामहे सदा॥
राज्यानि परिवर्तन्ते, कालचक्रे पुनः पुनः।
भारतं तु चिरं तिष्ठेत्, जयतु भारतदेशः॥

नानारूपा नानावर्णा, नानाभाषासमन्विता।
नानाधर्माः जनाः सर्वे, प्रेम्णा सन्तु समन्विताः॥
नानारूपाः वयं सर्वे, भारतस्यैव सन्तानाः।
एकं हृदयं भारतस्य, तस्मिन् नित्यं वसाम्यहम्॥

Sushrut Phansalkar (SYMCA -B)



Poornima Gupta (FYMCA-B)





Tanay Bhomia (SYMCA - B)

"Every picture tells a story, every word carries an emotion."

"Create. Express. Inspire."

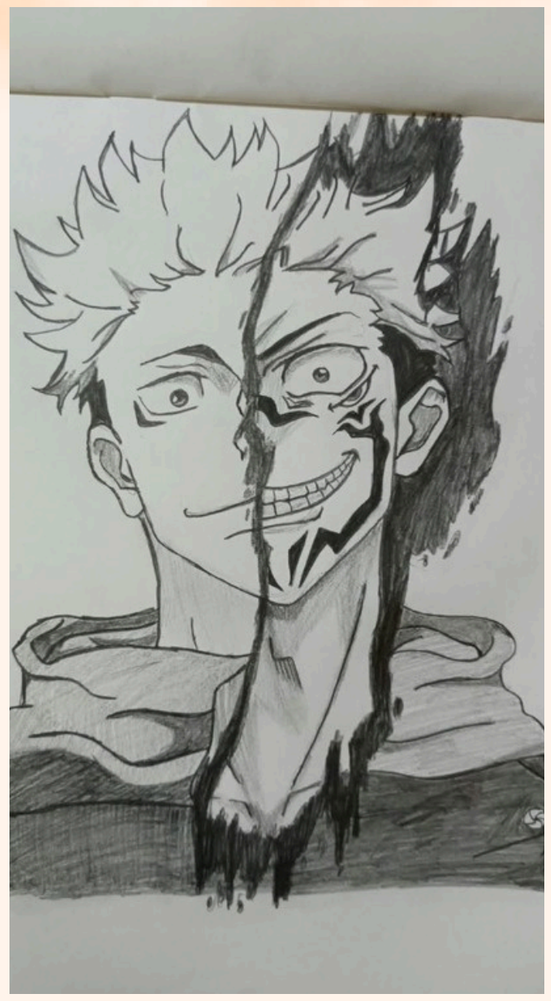




Ritali Bhuruk (FYMCA- B)



Sanmit Pawar (SYMCA - B)



Mahek Sheikh (FYMCA- A)



Mujib Mulla (FYMCA -A)

| सितारा |

तारों में तारा एक सितारा,
जिंदगी से जो कभी न हारा।
लड़ता, रोता, झगड़ता,
पर हर रोज जिंदगी से उम्मीद वो लगाता।

भगवान पर भरोसा कर रोज नई कोशिशें वो करता,
पर हार कभी न मानता।
तारों में तारा एक सितारा।

हमारे अंदर होता है वो एक तारा,
चमकेगा वो तारा धीरे-धीरे दोबारा।

मन के अंधेरे से लड़कर ,
ढूंढो अपने अंदर का उजाला।

अंधेरों की राहों पे जो रखे यकीन अपने अंदर की रोशनी पे,
ऐसा हूँ मैं एक तारा।

तारों में तारा एक अकेला सा सितारा।

Jagruti Patil (FYMCA -A)



Haneen Baghdadi (SYMCA - B)



Pratik Patil (FYMCA -B)



Shruthi Shenoy (FYMCA-B)



"The exercise of reason is necessary for distinguishing truth from error."

Alumni Interaction

The values of VESIT remain at the core of who I am and who I strive to become.



Rohit Jha

"**Rohit Jha**, an alumnus of Vivekanand Education Society's Institute of Technology (VESIT), is currently working as a Software Engineer at RippleHire. During his academic journey, he actively participated in projects and hackathons, strengthening his technical foundation and developing skills in Java, DSA, MySQL, Spring Framework, Jenkins, and Agentic AI. His professional interests lie in back end development, intelligent automation, and AI-driven software solutions. His journey from VESIT to the professional world reflects a commitment to continuous learning, innovation, and strengthening his technical expertise."

The journey from **academic learning to professional success** is shaped by more than technical knowledge, Rohit Jha highlights the importance of combining **technical learning with personal development.** He describes his time at the institute as a rewarding experience filled with **academics, teamwork, extracurricular activities,** and **leadership opportunities** that contributed to his overall growth.

He credits VESIT's **practical learning environment, supportive faculty,** and **mentorship for helping him strengthen his technical foundation.** His experience as the Student Chairperson further developed his **leadership, communication,** and **time-management skills,** reinforcing his belief that taking up responsibilities alongside academics can enhance rather than hinder technical preparation.

At **RippleHire,** he draws upon concepts in **Java, MySQL,** and **backend development,** complemented by **problem-solving, analytical thinking,** and **effective communication.** He identifies proficiency in Java and Data Structures and Algorithms (DSA), along with the ability to communicate solutions clearly, as three key factors that contributed to his placement success.

Addressing a common misconception about the MCA programme, he emphasises that it **extends beyond coding,** equipping students with the **analytical and problem-solving abilities** required to tackle **real-world challenges.** He believes that the ability to connect theoretical knowledge with practical implementation is a significant advantage for MCA graduates entering the industry.

For current students, his advice is to make the most of their time at VESIT by **participating in hackathons, college events,** and other **learning opportunities beyond the syllabus.** He encourages students to take **initiative, explore new technologies,** and **embrace leadership roles** while maintaining a strong technical foundation.

His reflections underline an important lesson: **a successful professional journey requires not only technical competence but also initiative, adaptability, and a willingness to learn continuously.**



Raja Ram Mohan Roy

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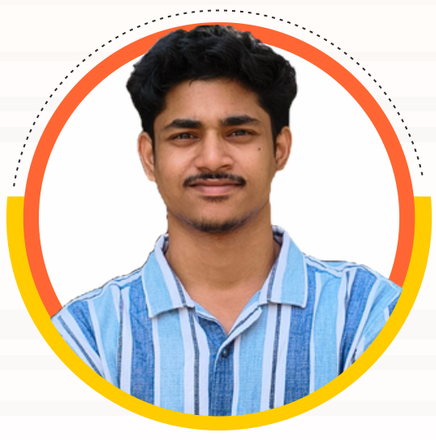

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"Every generation inherits the duty to improve society."