



**J D College of Engineering
& Management, Nagpur**

An Autonomous Institute

Education to Eternity

इंशकृति

ANNUAL MAGAZINE (2023-24)





"Introduction"

Welcome to Sanskriti, a vibrant celebration of creativity, intellect, and exploration. Each issue is a journey through the brilliance of our students and faculty, showcasing thought-provoking articles, captivating artwork, and inspiring stories. This magazine reflects the spirit of discovery and the pursuit of excellence that unites us all. Let's embark on this enriching voyage together!



Director's Message

Prof. S. M. Bang

Dear Readers ,

The motivating environment in JDCOEM for knowledge assimilation, generation and dissemination with a sense of social responsibility, human values and concern for social commitment has carved a niche for itself among the best technical institutes.

The special emphasis is given to Outcome Based Education (OBE) and Experiential Learning. The academic activities concentrate on helping the students to gain an excellent theoretical knowledge base and in the development of skills to implement them. We are constantly reviewing our set up to update and improve while making sure that students gain thinking skills, analytical frameworks, entrepreneurial skills, interpersonal and communication skills. There is also an ample of scope for co-curricular and extracurricular activities at JDCOEM wherein the students are encouraged to show their talents. JDCOEM ensures that the students prove themselves to be not only well qualified engineers but also very responsible and ideal citizens of our country.

It is my pleasure to congratulate the team that has taken the initiative for producing this magazine. Reading this magazine would definitely be an inspiration and motivation for all students and staff to contribute even more to the forthcoming issues. I hope that everyone would continue to give their full efforts to keep the momentum and continue to enhance the standards of the magazine.

"A desire can change nothing, a decision can change something but a determination can change everything".

With regards,
DIRECTOR'S DESK
Prof. S. M. Bang
Director JES



Executive Director's Message

Shree. Avinash Dorsatwar

Our focus is on creating an environment that encourages intellectual curiosity, nurtures innovation, and provides a platform for every individual to excel. Our college's vision and mission reflect our commitment to nurturing innovation, academic excellence, and the holistic development of our students.

To our students, I encourage you to embrace the opportunities and resources available at JDCOEM. Your time here is not just about acquiring knowledge; it is about discovering your passions, exploring your potential, and preparing yourselves to make a meaningful impact in your chosen fields.

In light of the effect of science, scientific research, and technological advancement as well as the rapidly changing world and society we live in, it is more important than ever to be prepared for the future. The work is difficult, yet the opportunities are vast. With this in mind, we continue to make steady progress towards our goal of producing responsible citizens who will contribute to the development of our country. Given that a country's ability to advance rests on the calibre of its instructors, the institution's aim is to produce competent professionals in addition to responsible citizens.

By establishing moral and spiritual principles in the young minds and instilling in them a sense of duty to the community at large, we seek to maintain the rich cultural and disciplinary legacy of our college with a mixture of diligent observation and ameliorative posture. Activities that have a value-based impact on the lives of the students who come here as well as their careers have become a trademark of JDCOEM.

I am happy and content to look at third edition of the annual magazine, "SANSKRITI" designed and edited by our students and consider this as one of the best outcome of all these curricular, co-curricular & extra circular activities.

With regards,
EXECUTIVE DIRECTOR'S DESK
Shri Avinash Dorsatwar
Executive Director, JES



Principal's Message

Dr. S. V. Sonekar

Dear Students,

It is my privilege to welcome you to our college, J D College of Engineering & Management (JDCOEM). At JDCOEM we strongly believe that 'It is only through Right Education, one can bring a desired and positive change in this society'. This Philosophy has been the guiding factor of our institution since its inception.

JDCOEM today is the name to reckon with for its Student Centric interventions to meet the objective of imparting Quality Engineering and Management Education aiming with the sole motto of creating technocrats with a humane touch and develop the ability to take on the challenges of world of work effectively and efficiently. Transforming students into lifelong learners through, quality teaching, training and exposure to concurrent technologies. Fostering conducive atmosphere for research and development through well equipped laboratories and qualified personnel in collaboration with global organizations has been our goal.

The courses offered by our institute addresses the educational and emotional needs of the students which in turn help them to advocate the cause of "Responsible Citizenship" not only at workplace but in all walks of life in the dynamic world order. It is Permanently affiliated to the Dr. Babasaheb Ambedkar Technological University, Maharashtra and has acquired the status of autonomy from the year 2019-20 and currently offers B. Tech programs in Civil Engineering, Computer Science and Engineering, Artificial Intelligence, Electronics & Telecommunication Engineering, Information Technology, Electrical Engineering and Mechanical Engineering, M.Tech programmers in Electronics and Telecommunication Engineering, Computer Science and Engineering and Doctor of Philosophy in Master of Business Administration(MBA)

At JDCOEM, we prioritize high-quality standards to ensure effective academic, curricular, and co-curricular outcomes in a learner-centric environment. We focus on recruiting and retaining highly qualified faculty. Our infrastructure includes multimedia classrooms, well-equipped labs with CAD/CAM software and simulations, a modern library with digital media, an auditorium, seminar halls, and playgrounds.

Connecting with the students: We at JDCOEM strongly believe that a continuous interaction between the students and the institute can add more vitality to the educational outcomes and hence we have launched an E-Magazine. I assure you that it is totally for the students, by the students and from the students and therefore it is my earnest request to you to make whole heart contributions and at the same time share and enjoy each other's experiences and knowledge and make it a much awaited magazine not only for our students but create its own niche among other student community.

Welcome to a great literary experience!.

With regards,
Dr. S. V. Sonekar
Principal,
JDCOEM, Nagpur.



Dean's Message

Dr. Ujwala S Dange

Dear Readers,

I am very delighted that our team of self-motivated, enthusiastic and talented editorial team is ready the 23-24 edition of Sanskriti. As the name suggests, "Sanskriti" is the reflection of JDCOEM and the college's vision of 360 degree development of every JDain. This magazine is an effort to mobilize the efforts of all the branches and the Students Club to showcase the myriad activities conducted throughout the year.

In the fast changing world of technology, the biggest challenge is to keep pace with the changes and adapt those changes. This change management has been truly reflected in this edition of Sanskriti. The nature, form and execution of the various programs conducted throughout the year have once again proved that "Change is the only permanent thing in this world." In our endeavor to nurture well rounded individuals, the focus of all the activities was "For the students and by the students." It is our students who have conceptualized and executed various events. All the events were the perfect picture of teamwork and the spirit of camaraderie.

All the efforts in compiling "Sanskriti" has been the great learning experience for the team in terms of: People Skills, Empathy, Time Management, Multi-tasking and Resourcefulness.

I once again congratulate the team for their contribution and wishing them the Great Learning Experience.

With regards,
Dr. Ujwala S Dange
Dean (Student's Support & Development)

“Credits”

EDITOR-IN-CHEIF

**Mr. Harsh Shende
(Technical Head)**

CONTRIBUTORS

**Student's Club,
JDCOEM Team**

DESIGN EDITOR

**Mr. Harsh Shende
(Technical Head)**

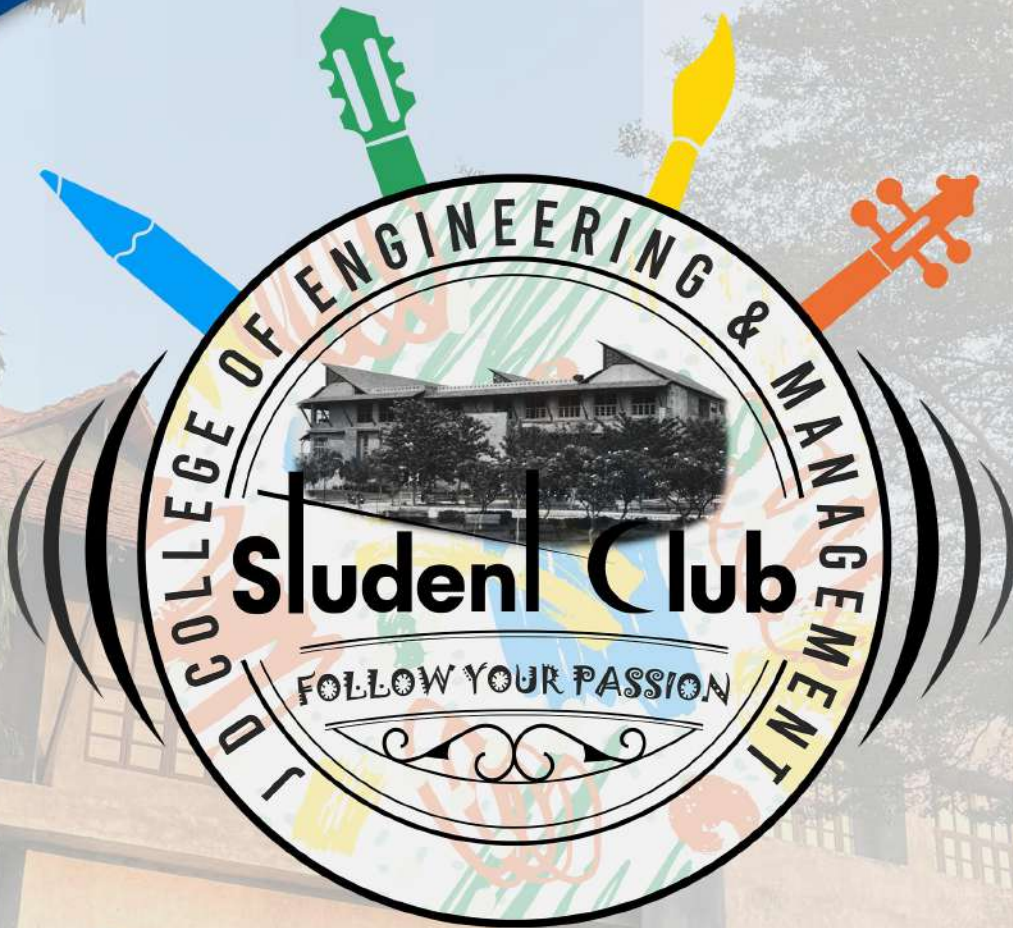
UNDER THE GUIDANCE

**Dr. Ujwala Dange
Dean (SSD)**

इंशुक्रुति

Third Edition

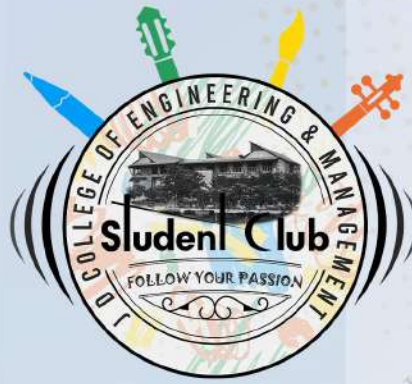
www.jdcoem.ac.in



STUDENT'S CLUB

2023-24





VISION & MISSION

Vision:

To create a unified platform for students to cultivate, develop, and showcase their professional skills and academic excellence.

Mission:

To offer resources and support for students to pursue their passions, develop versatile skillsets, and become placement-ready professionals.

ABOUT THE CLUB

The Student Club is a centralized organization that brings together 12 dynamic and diverse clubs, each led by a Head and Co-Head. These clubs include the Dance Club, Music Club, Drama Club, Gaming Club, Coding Club, Robotics Club, VAC Club, Creative Club, Nexus Club, Fitness Club, Event Club, and Publicity Club.

Overseeing the entire student club are six dedicated admin members: Head Student Club, Co-Head Student Club, Treasurer, Spokesperson, Technical, and Secretary. Together, they work to align the clubs with the broader vision and mission of fostering academic excellence, skill development, and personal growth.

The student club provides a unified platform for students to pursue their passions, develop versatile skillsets, and collaborate in a culture of innovation and inclusivity, ensuring they are well-prepared for academic and professional challenges.

Admin Members



Mr. Praneet Warhade
Head Student's Club



Mr. Shamoil Khan
Co-Head Student's Club



Mr. Banti Rai
Treasurer



Miss. Siddhi Mandade
Spokesperson



Mr. Harsh Shende
Technical Head



HEAD'S & CO-HEAD'S

Event Club

Head - Miss. Vaidehi Dhoble
Co-Head - Mr. Rupam Yerpude

Drama Club

Head - Mr. Yed Yerpude
Co-Head - Miss. Anu Ganvir

Music Club

Head - Mr. Suyash Wankhede
Co-Head - Mr. Vishal Athneriya

Dance Club

Head - Miss. Diya Chandekar
Co-Head - Mr. Anshul Ganvir

Robotics Club

Head - Mr. Izaan Sheikh
Co-Head - Miss. Suhani Shahu

Gaming Club

Head - Mr. Yash Thakur
Co-Head - Mr. Jayant Patil

Coding Club

Head - Mr. Dipanshu Bagde
Co-Head - Mr. Arpan Pandey

Visual Arts Club

Head - Mr. Sagar Dhonge
Co-Head - Mr. Atharva Talewar

Literary Club

Head - Mr. Vaibhav Saha
Co-Head - Mr. Kalash Jambulkar

Creative Club

Head - Miss. Uttara Paithe
Co-Head - Mr. Krunal Deshmukh

Publicity Club

Head - Mr. Gaurav Mangam
Co-Head - Miss. Rashmi Lambhate

Fitness Club

Head - Mr. Nuveil Sakhare
Co-Head - Mr. Aniket Natiye

Ladies Club

Head - Miss. Ayesha Khan
Co-Head - Mr. Nagesh Belkar

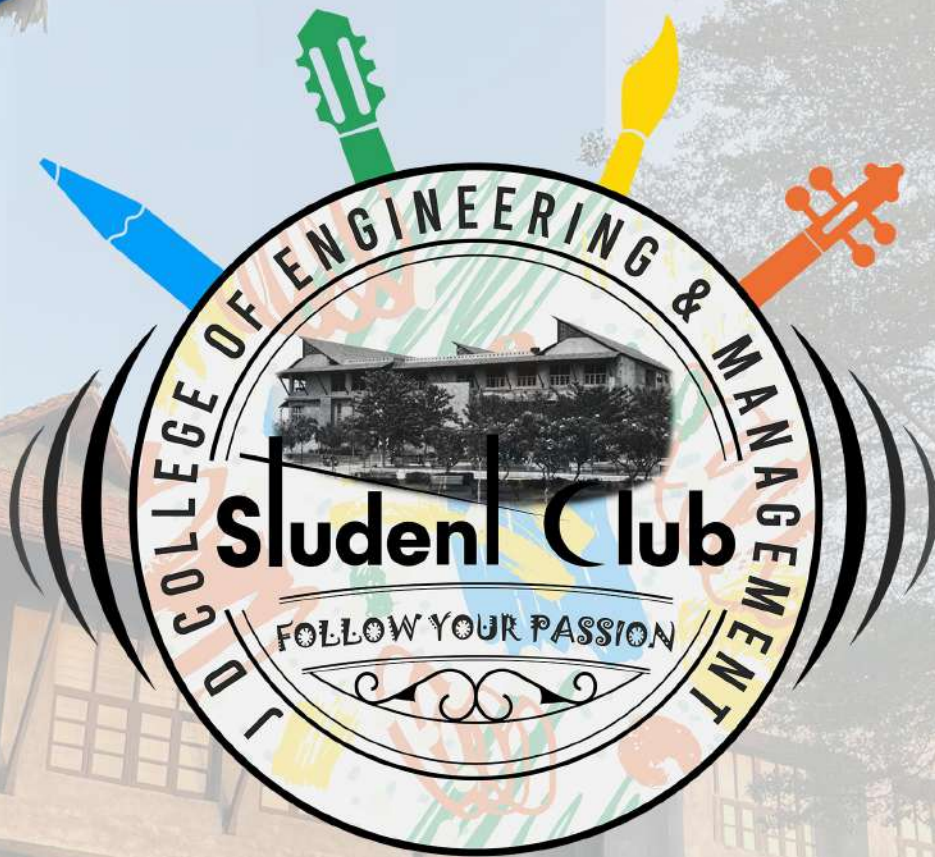
Innovata Club

Head - Miss. Harsha Gaikwad
Co-Head - Mr. Tejas Nimrad



OUR CLUBS





STUDENT'S CLUB PHOTO GALLERY



"Vibrance 2024"

JDCOEM's marquee event, is a vibrant and kaleidoscopic celebration of creativity and talent that radiates across a multitude of artistic domains. This grand event provides a spectacular platform for students to unfurl their artistic prowess, be it through mesmerizing dance performances, soul-stirring musical renditions, compelling dramatic acts, or innovative displays of creativity, and anchoring. At the heart of "Vibrance" lies the passionate spirit of students who bring their artistic dreams to life. The event serves as a showcase for their boundless creativity and unbridled enthusiasm, captivating the audience with performances that range from graceful ballet to high-energy hip-hop, from melodious solos to harmonious ensembles, and from thought-provoking theatrical productions to ingenious displays of creative artistry.

But "Vibrance" is more than just a stage to display talent; it's a hands-on learning experience in event management and coordination. Behind the scenes, students gain practical insights into organizing a grand cultural extravaganza. From planning and logistics to marketing and public relations, the event offers an invaluable opportunity for students to understand the intricacies of conducting a multifaceted event on such a scale.

Moreover, "Vibrance" creates a sense of camaraderie and unity among the student body. Collaborative rehearsals, brainstorming sessions, and late-night preparations foster a strong sense of community and teamwork, embodying the spirit of togetherness that makes such events successful.



व्हायब्रन्म २०२४



FRESHERS 2023



GANESH UTSAV 2023



SANDISHYA 2024

~ Farewell To The Jdians



SANDISHYA 2024

~ Farewell To The Jdians



BOLLYWOOD DAY BY PUBLICITY CLUB



SASHAKT 2.0

BY LADIES CLUB



Vision:

The objective of the event is to help new students feel comfortable and integrated into the community, foster friendships, and provide them with a glimpse of campus life in a vibrant and Helping other with their needs etc.

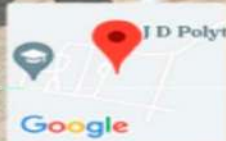
HEALTH CHECKUP CAMP



DIABETES DRIVE



DBATU SPORTS TRAILS BY FITNESS CLUB



Nagpur, Maharashtra, India
6XRM+HMP, Nagpur, Maharashtra 441501, India
Lat 21.241605°
Long 78.985032°
03/11/22 10:37 AM

GPS Map Camera

MUSIC WORKSHOP



PLOGGING DRIVE



ZUMBA WORKSHOP



MUSKAN





GDSC JDCOEM





Google Developer Student Clubs
RCOEM

Google Developer Student Clubs
JCOEM

bappa ka prashad 3.0

Where devotion meets coding

📅 24th September '23
🕒 8:00 to 11:00 PM
Platform: Codechef

Swipe to Register →



Google Developer Student Clubs
JCOEM | BITW | DMER

Discover ML

Machine Learning Workshop
& Effective Applications
in Solution Challenge '24

Glimpses





Rotaract
JD COEM



RAC JD COEM



Rotaract JDCOEM



BRAINWAVES 2024

Brainwaves 2024, a flagship two-day technical symposium, was hosted by J D College of Engineering and Management, Nagpur. The event brought together a diverse cohort of students from fields like engineering, management, BBA, BCA, and more, providing a vibrant national-level platform for knowledge exchange and skill development.

The symposium featured an exciting array of technical competitions, hands-on workshops, and engaging sessions designed to inspire creativity and foster collaboration. Participants showcased their innovative ideas, competed in intellectually stimulating challenges, and gained exposure to cutting-edge trends and technologies.

Brainwaves 2024 wasn't just about competition—it was a celebration of ideas, teamwork, and the spirit of learning. By bridging academic disciplines and fostering an environment of shared knowledge, the event stood as a testament to the power of innovation and collaboration in shaping the future.



BRAINWAVES 2024





SCHOLOGAMMA
2023-24

DEPARTMENT OF COMPUTER SCIENCE





Schologamma Forum Installation Ceremony



Industrial Visit at TATA Technologies



Industrial Visit at Incubation Centre GH Raisonni



Brainwaves Event in the Department



Visit to the Indian Science Congress



Seminar on Cyber Security



DEPARTMENT OF ARTIFICIAL INTELLIGENCE





Avinya Forum Reinstallation Ceremony



Survey Under "Unnat Bharat Abhiyan"



Session on Neuro-Linguistic Programming(NLP)



Seminar on the Stock Market



Voters Day Event Held under the Avinya Forum



Industrial Visit at Incubation Centre RTMNU



PRAGYAN

**DEPARTMENT OF
INFORMATION TECHNOLOGY
& CSE - DATA SCIENCE
ENGINEERING**





Forum Installation



NU Intelligence Visit



Faculty Development Program



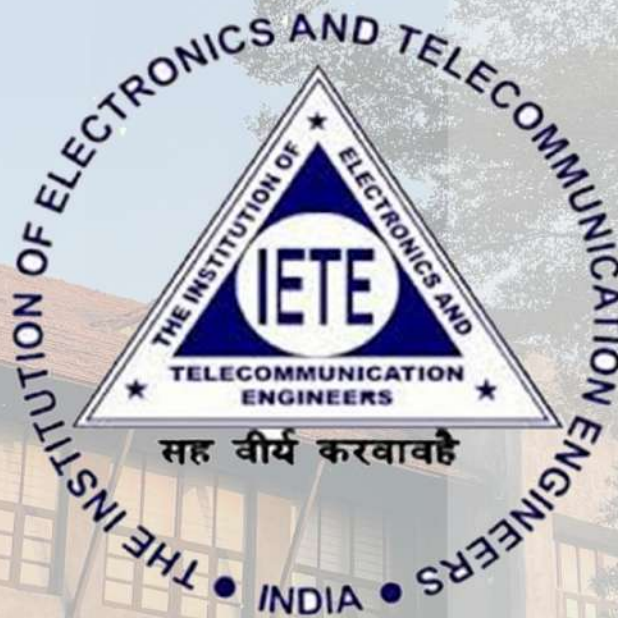
Industry Visit at HCL



Nukkad Natak on Good Hygiene Habits



VNIT College Visit For IoT 4.0



DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING





Brainwaves 2023-2024



Garba Vibes 2023



Orientation Program



Personal Hygiene Awareness



DEPARTMENT OF ELECTRICAL ENGINEERING





Forum Re-Installation Ceremony



Guest lecture on Industrial automation & Robotics



Energy Conservation Day



Alumni Meet 2023



Guest lecture on opportunities in Electrical Engineering



Janta Raja 2024



Association of Civil Engineering Students

DEPARTMENT OF CIVIL ENGINEERING





ACES Forum Reinstallation 2023-24



Hygiene Week Celebration 2023-24




Mr. Shamoil Shakil Khan Wins Student Of The Year - 2023-24



 **GPS Map Camera**

Nagpur, Maharashtra, India
6XRM+VMP, Nagpur, Maharashtra 441501, India
Lat 21.241878°
Long 78.984962°
03/11/23 02:00 PM GMT +05:30

 Google

Skill Master Workshop to enhance knowledge and develop valuable skills in specific topics.



Online International Guest Lecture on career in Railway Engineering.



Teachers' Day Celebration – 2023-24



DEPARTMENT OF MECHANICAL ENGINEERING





Inaugural function and Puja of Dahi Handi

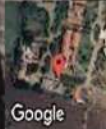


Awareness camp at Jilha Parishad School- Tondakhairi



Nagpur, Maharashtra, India
Unnamed Road, Maharashtra 441501, India
Lat 21.241268°
Long 78.983901°
27/09/23 04:16 PM GMT +05:30

Hygiene Awareness Program



Nagpur, Maharashtra, India
6XRM+YMP, Nagpur, Maharashtra 441501, India
Lat 21.241299°
Long 78.983888°
27/09/23 11:51 AM GMT +05:30

Industry Expert - Vijay Bhambri Delivering Knowledge about Cryogenic at JDCOEM



Students of zilha Parishad school, Walni, visited JDCOEM campus under Unnat Bhaarat Abhiyan



Tree Plantation & Cleanliness drive at TondaKhairi



Education to Eternity

DEPARTMENT OF BASIC SCIENCE & HUMANITIES





Education to Eternity



AJEET Forum Installation Ceremony



National Pollution Day Under IIC



Education to Eternity



International Conference



Plantation & Computer Literacy Under NSS



Education to Eternity



NEERI Visit



Brainwaves 2024

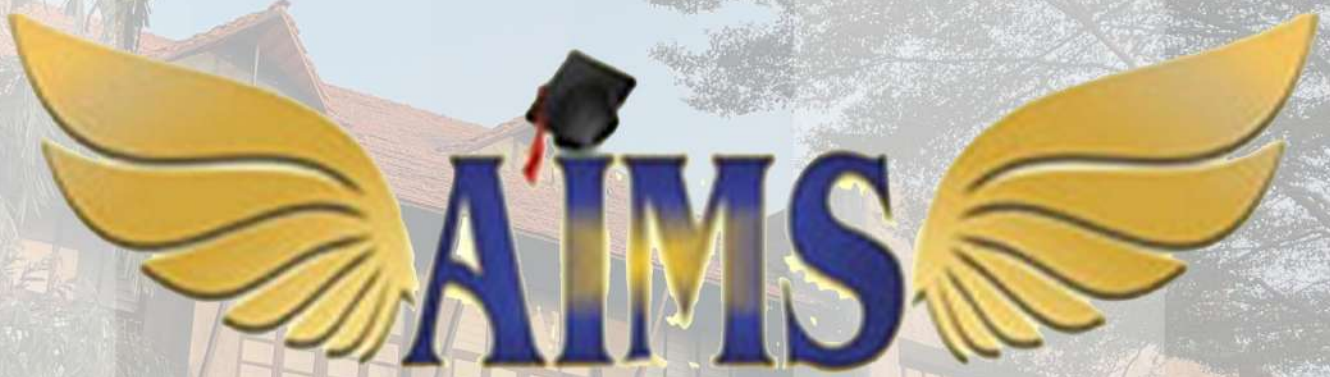
INTERNATIONAL CONFERENCE

The International Conference on Engineering Innovation provides a premier global platform where engineering students converge to showcase their projects and deliver insightful seminars. This distinguished event transcends geographical boundaries, drawing participants from around the world who are united by their passion for technological advancement. At this esteemed conference, budding engineers unveil their innovative projects that exemplify their dedication, creativity, and problem-solving skills. These projects span diverse engineering disciplines, ranging from cutting-edge Software applications to sustainable infrastructure solutions. With each presentation, attendees gain a comprehensive understanding of the project's objectives, methodologies, and potential real-world impact.

The seminars delivered by the students are a highlight of the conference, offering a deeper dive into the projects' intricacies. Through eloquent communication and comprehensive explanations, presenters share their experiences, challenges, and breakthroughs. This interactive dissemination of knowledge fosters a collaborative environment, where participants can engage in insightful discussions and pose thought-provoking questions. The international character of this conference enriches the experience further, as attendees are exposed to a wide array of cultural perspectives and engineering approaches. Networking opportunities abound, enabling participants to forge connections with like-minded individuals from diverse corners of the world.

In essence, the International Conference on Engineering Innovation is not just an event; it's a nexus of innovation, education, and global exchange. It stands as a testament to the universality of engineering excellence and the boundless potential of collaborative learning on an international scale.





**DEPARTMENT OF
MASTER OF BUSINESS
ADMINISTRATION**





Forum Installation Ceremony



NISM Workshop



Industrial Visit



Industrial Visit



MBA Haat - Marketing Club



MBA Haat - Marketing Club



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS





Forum Installation Ceremony



Poster Making Competition



Departmental Achievement



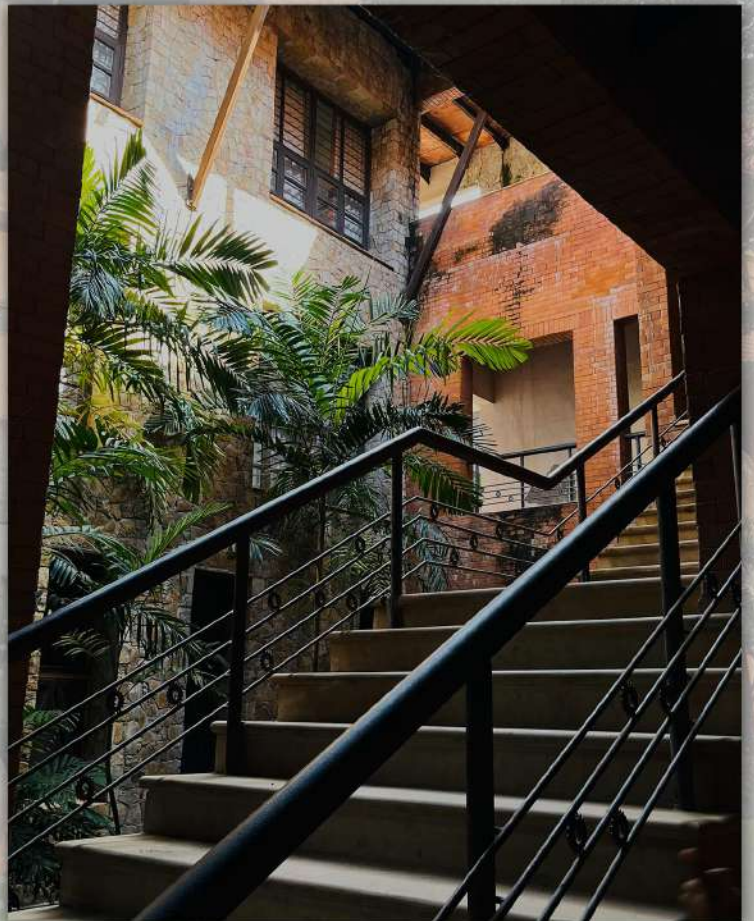
Industrial Visit

FROM THE LENS OF "JDIANS"



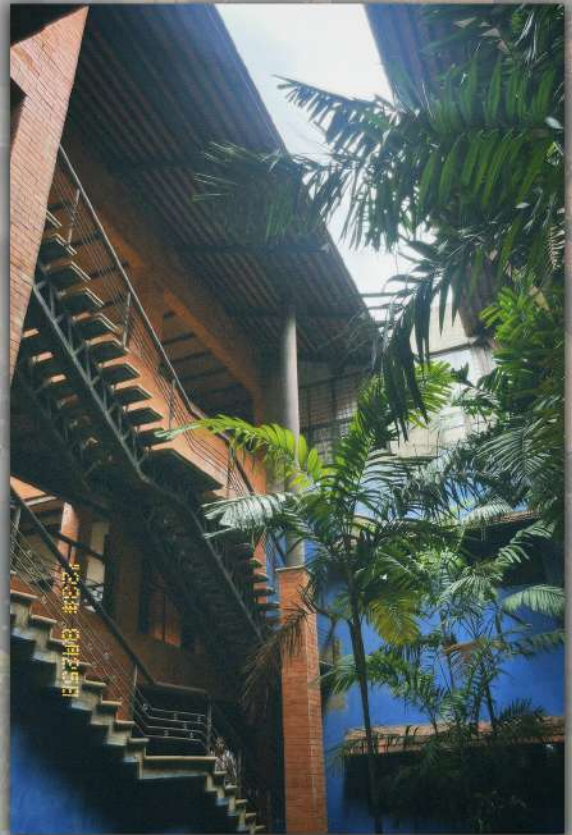


By Harsh Shende - CSE





By Harsh Shende - CSE





By Prajwal Zade - AI



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