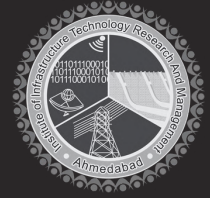


Time, which never stops, and you should never allow it to pass you by so never let your chase stop.



IITRAM

October, 2023



प्रतिdhwani

Crafting Student Tales at IITRAM"

Director General's Note

Dear Readers,

It is with immense pleasure and pride that I welcome you to प्रतिध्वनि an annual student magazine of IITRAM. This is our first edition, and it serves as a reflection of the vibrant and dynamic culture that thrives within our campus. It is a testament to the creativity, intellect, and passion that our students possess.

From groundbreaking academic milestones that shape our intellectual landscape to vibrant expressions of creativity that imbue our institution with life, this version encapsulates the vibrant spirit of excellence at IITRAM as it completes 10 years of journey in its voyage. It is a record of our growth and accomplishments.

I am heartened by the commitment and enthusiasm of our students and faculty members who have contributed to this magazine. I am also grateful to the editorial team for their tireless efforts in curating and refining the content to ensure that it reflects the best of our community.

This magazine is a platform for free expression, critical thinking, and the exchange of ideas. I encourage you to immerse yourself in the pages of this magazine, engage with the diverse perspectives presented, and let it inspire you. Whether you are a student, a faculty member, an alumnus, or a well-wisher of our institution, I hope you find something that resonates with you within these pages.

In closing, I extend my heartfelt congratulations to all, and I am confident that this edition will stand as a testament to the excellence that defines our institution.

Thank you for being a part of our community and for your continued support. Together, we will continue to strive for excellence and create a brighter future.

With warm regards,

Prof. Bhrigu Nath Singh
Director General, IITRAM

Editor's Note

Dear Readers,

We are thrilled to unveil the much-anticipated first publication of the IITRAM Annual Student Magazine! Emerging after a significant hiatus, this year's edition holds a special place in our hearts, inspired by the dynamic theme of "Continuity of Life."

As you navigate through the pages of this magazine, you will embark on an expedition through diverse narratives that illuminate myriad aspects of life at our esteemed engineering institute. From groundbreaking academic milestones that shape our intellectual landscape to vibrant expressions of creativity that imbue our institution with life, this magazine encapsulates the vibrant spirit of engineering excellence at IITRAM as it completes 10 years.

Our heartfelt appreciation goes out to the contributors, dedicated writers, visionary artists, and our indefatigable editorial team. Their collaborative endeavors have infused new vigor into this cherished tradition.

It is our sincere aspiration that these stories will not only grace these pages but also ignite dialogues that transcend the confines of this publication. Rooted in the theme of continuity, we invite you to join us in forging connections that bridge temporal and spatial boundaries.

Thank you for being an integral part of the renewed and thriving IITRAM legacy.

With unwavering enthusiasm,

Adarsh Gupta
Editor-in-Chief, 'प्रतिध्वनि'

Team प्रति

EDITORS

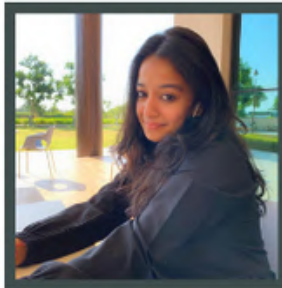
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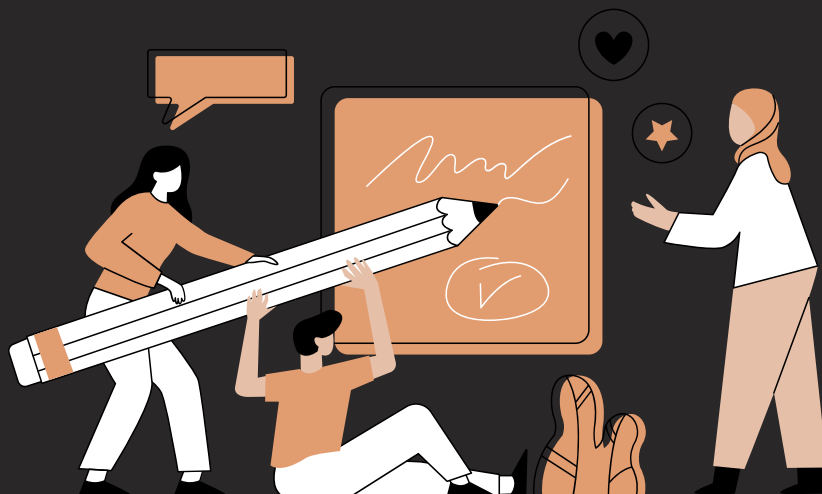


Yashasvi Pandey
B.TECH EE



Udaykumar Dhokia
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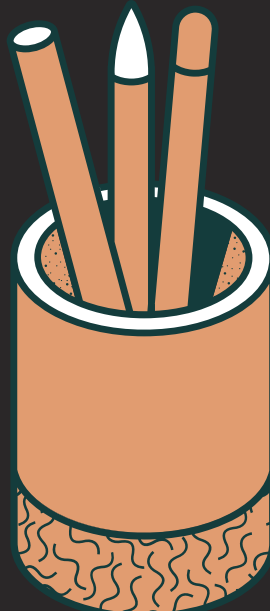
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Farewell to 2019-23

A Fond Farewell to beloved seniors





$$\text{Continuity} = \partial\rho/\partial t + \partial / \partial x (\rho u) + \partial / \partial y (\rho v) + \partial / \partial z (\rho w)$$

an analogy between the Equation of Continuity and Life

Billions of centuries after the Big Bang, as the universe continues its vast and intricate dance of creation and evolution, we find ourselves in the year T+2023, witnessing the legacy of time and space. As students pursuing knowledge about STEM, our journey through the revered halls of Engineering institutions reflects the very essence of the universe. This connection is unveiled through the equation of continuity, a fundamental aspect of our academic pursuits, and its enigmatic companion known as "SMALL CHANGE - $\partial/\partial t$."

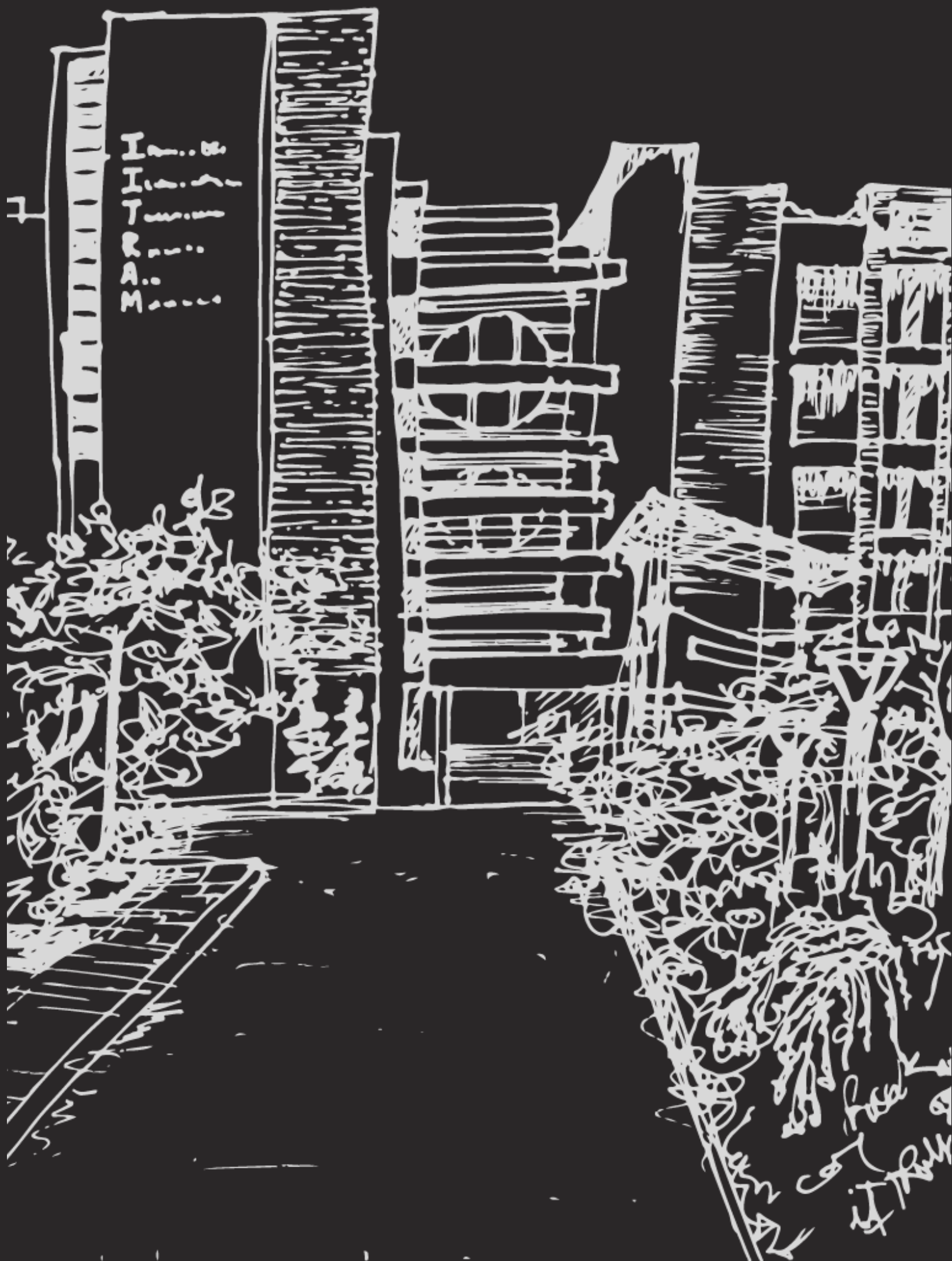
As IITRAM celebrates its epoch-making 10-year milestone, it is perfect time to reflect upon the journey of growth and innovation. The continuity of life and how seemingly small events, small changes in our lives build up to have profound and lasting impacts. The continuity equation, which otherwise governs the flow rate of mass in and out of a system, seems to aptly describe the perpetuity of life; And how numerous lessons, events, experiences, and efforts build up and shape our lives and continue to inspire us into a dynamic and promising future. For students pursuing STEM, this idea accurately reflects the very essence of our journey through the revered halls of engineering institutions. The analogy of the continuity equation throws light on a fundamental aspect of our academic pursuits, and how apparently small events affect the general equation of our

At the heart of this equation lies continuity and balance. It governs the flow of fluids and ensures the preservation of mass and energy, much like shaping a student's personality and outlook towards the world while preserving ethics and morale. Each element in this equation represents the intricate interplay of time, velocity, and density in various dimensions. This mirrors the facet of learning, a constant, that students acquire by delving into the depths of scientific principles, mathematical abstractions, and the wonders of technology, which in turn, is paced by the various stumbling blocks they encounter during this metaphorical voyage.

This magazine is an attempt to encompass some of that journey. The classes and the lectures, the countless hours of late-night sessions, the obstacles which then became mere hurdles waiting to be conquered, the knowledge and wisdom we are taking away, and the friendships.

As we leaf through the pages, let us explore how the principle of continuity has shaped the institute from its inception to the present, and ultimately our lives, and how it continues to inspire us towards a dynamic and promising future.

We present to you, प्रतिदhwani : A Decade of IITRAM.....



~Atharva Karhale



The Centers of Excellence

The Centers of Excellence in IITRAM are specialized labs devoted to the mastery and advancement of specific fields of study, research, or expertise. The concept behind such competency centers is to build out key processes, establish a methodology, and develop expertise across the enterprise. It is typically based on a technology, a critical process, a new skill, or an application – to help the organization adopt that process and become efficient at it. CoEs across all universities are standing at the forefront of healthcare, research, and innovations responding to the world's most complex problems with ease. Globally, interest in excellence has grown exponentially, with public and private institutions shifting their attention from meeting targets to achieving excellence.

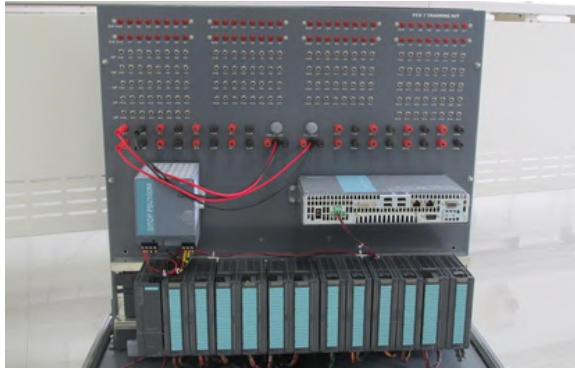
COEs at IITRAM

- Advance Defence Technologies
- Artificial Intelligence and Machine Learning
- Drone Technology
- Aerospace and Defence
- Siemens



• ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

The CoE for AI-ML aims at developing state-of-the-art laboratory to carry out various academic and research activities in the domain of AI-ML. The high-performance computing labs are equipped with sophisticated GPUs, Storage Area Network, and high speed communication network to support the large scale projects in the domain of Machine learning, Deep learning, and Computer vision. The academic activities include Introductory Training programmes, Short Term training programmes, and expert talk series.



Process Instrumentation Lab in Siemens



CIMS Lab

• ADVANCED DEFENCE TECHNOLOGIES

The Centre of Advanced Defence Technology (CADT) with a mandate to facilitate and promote studies, research, technology incubation, product innovation and extension work in the Defence sector was established in the year 2021. The objectives include improving the availability of human resources in the domain of the same, to assist Defence industries/organizations in teaching, learning, and research on Advanced Defence Technologies, to organize outreach activities and offer elective courses, certificates, minor, and major degree programs at UG and PG levels. The key focused areas of ADT are Artificial Intelligence, Aerial Robotics, Cyber Security, and Cryptography.

• AEROSPACE AND DEFENCE

The CoE - Aerospace and Defence was established with a mandate to develop facilities and equipment, offer courses/electives/PG programs, and support technology incubation and product development in the domain of aerospace engineering. Various laboratories for aerospace include – Aerial Robotics laboratory, Computational laboratory, Gas turbine jet engine testing, Subsonic Wind Tunnel, Smoke Generator, Pilot Tube, Digital Multi-tube Manometer, and Measurement of Drag Forces. Hands-on training for students and teachers, short courses, and guest lectures have been included in the academic and outreach activities.

• DRONE TECHNOLOGY

The CoE- Drone Technology is being built to support cutting-edge research and education in the advancement and application of this Unmanned Technology of Drones. The centre aims to develop young talents by incorporating multirotor and fixed wing UAV development and real-world flight testing experiences into UG and PG courses, as well as working on societal-application based research projects. The centre includes work spaces with basic infrastructure for small drone fabrication, system integration, and field tests. It also provides a platform for industry experts, professionals, and researchers in drone technology to share their knowledge on design, innovations, utilisation, research, and applications. Scope of activities under this initiative are to develop academic programs under drone technology, organize seminars and workshops, manage and support drone systems shared by various industry experts.



• SIEMENS

The Siemens' Center of Excellence comprises of state-of-the-art laboratories in the field of Industrial Machinery, Industrial Automation, and Electrical Switchgear. All the laboratories under the CoE are equipped with state-of-the-art equipment and software used in the modern manufacturing industry for automation. The aim of Siemens' CoE is to develop a self-sustaining, dynamic, industry-relevant, and cyber-physical learning platform. This will bridge the gap in technological skills that currently exists between industries and academia.

With the technological revolution soaring height within the country after 2016, the government of India took constructive measures to make India a globally competitive player in various sectors by nurturing innovative and high growth startups. These measures aimed to create a culture of innovation and risk-taking motivating individuals to become entrepreneurs and start their own businesses. Startup India was one such initiative by the government that provided various incentives, tax benefit, funding, and regulatory reforms to the budding businesses. Keeping this motive alive and spreading the ideology amongst the young engineers, who with their immense curiosity and capabilities can take up research projects to potential startup ventures, we at IITRAM initiated the SSIP Cell in the year 2018. Its main aim was to foster new ideas among students and encourage innovation. Contribution to the economy, offering incubation and funding, providing hands-on-experience, networking opportunities, and addressing students' interest were the key factors.



The Student Startup and Innovation Policy (SSIP) 1.0 launched by the Government of Gujarat, has helped create an enabling environment for startups to grow and thrive in the state. The policy has reached many important success numbers. The SSIP 1.0 helped create a culture of innovation and entrepreneurship among students.

SSIP 2.0 is an updated version of SSIP 1.0 policy introduced by the Government of Gujarat in January 2022. The SSIP 2.0 policy has introduced a new concept of innovation and entrepreneurship (iHub), which acts as a one stop solution for startups and entrepreneurs in the field.

"I think it is possible for ordinary people to choose to be extraordinary."

— ELON MUSK



IITRAM along with its SSIP Cell supported 36 startup projects some of which include –

- RUDRABOT
 - Pratham
 - ARKON
 - PAR
 - QOPTO
- SURVIBOTS
 - ATSAS
- Compact AC
 - Roti Maket
 - Desk Bot
- Naxatra Labs
 - Sparash
 - Gezond
- Pinnovators India
 - Alter
- BrainNet Technology
 - Propertykafe.com
 - Solar Dish
 - Impulz



Around 3200 students were reached through Awareness Activities of SSIP Cell at IITRAM, and the Incubator received 7 National Awards. Some of the startups like RUDRABOT and ATSAS won Dewang Mehta Innovation Challenge 2019 and SSIP Prashansa Award respectively for their contribution in the industry and modern farming technologies. Special initiatives are taken for promoting pre-incubation activities, some of which include –

- Industry Hackathon
- Special courses on Innovation and IPR
- Identification of rural problems and innovative solutions
- Industry Interaction
- Entrepreneur/ young start-up lecture series

Success rate of all these startups is 16% as per the latest information

BOOTSTRAPPED : Started by IITRAMIANS

Bootstrapping, an entrepreneur starts a company with little capital, relying on money other than outside investments. An individual is said to be bootstrapping when they attempt to found and build a company from personal finances or the operating revenues of the new company.

Photom Technologies

Photom Technologies aims to improve the operations & maintenance of solar power plants by providing an apt solution focusing on the efficient cleaning of solar panels. The project envisioned to establish a sustainable power sector for the future where everyone has access to carbon free energy. The reasons why this idea stands out is because of its Peak Efficiency, Reduced O&M cost, Water Conserving Technologies, and Reduced Capex.



E-Vega Mobility Labs

EV Doctor is a product that consists of an IoT based hardware device and an app platform. It uses physics-based state-space models and statistical approach for EV battery diagnostics. It is an ideal test tool for the maintenance, troubleshooting, and performance testing of individual EV batteries. The intuitive user interface, compact design, and rugged construction ensure optimum performance, test results, and reliability. Such measures help in gaining constructive user trust and mitigating the potential risks involved.

IITRAM is increasingly realizing the value of preparing students not only for conventional career pathways but also for the dynamic world of startups and entrepreneurship in the ever-changing educational landscape. So, to cater the needs of the same, institute leverages innovative research and well-equipped digital labs along with professors that are suitable for innovation and business in order to bridge the gap between the startup culture and students. As a result, we were able to witness the success of innovative ideas of young minds under the obligatory guidance by our professors specialising in their respective fields of work. And, thus, the startup culture is profoundly established in the perpetually progressive chapters of IITRAM.





Vaarta

A Glimpse into Candid Conversations

SHARE YOUR INTERVIEW EXPERIENCE AND MOTIVATION FOR PROFILE AS A SECRETARY.

The interview was generally a positive experience. The secretaries felt nervous at first since it was their first interview in institution. The interviewers made them feel comfortable for open conversations that can yield valuable insights. The questions focused on assessing leadership skills, decision-making abilities, communication skills, and prior relevant experiences.



**~Dharmil Patalia
Sports Secretary**



**~Chirag Agarwal
Academic Secretary**



**~ Antara Tandon
Cultural Secretary**



**~ Siddharth Singh
Technical Secretary**



**~ Shrishti Sharan
Joint Technical Secretary**

HOW WAS YOUR FIRST EVENT AND WHAT DID YOU LEARN ?

Organising the first events came with challenges like getting participation, managing crowds, coordinating with administration for approvals and budget, and marketing the events properly. Overall the first events were good learning experiences despite some hiccups like strategies for increasing participation and handling event logistics.

HOW DID YOU CREATE BALANCE BETWEEN ACADEMICS AND WORK ?

Balancing work and studies can be a difficult task. It can be mentally and emotionally draining, as students have to juggle multiple commitments and responsibilities. They need to be able to manage their time effectively, prioritize their tasks, and multitask efficiently. They may also have to sacrifice leisure time and social activities in order to make time for their studies.

WHAT IMPROVEMENTS WOULD YOU APPRECIATE IN INSTITUTION ?

To improve the work of student secretaries, there are a number of things that can be done. One is to have joint secretary positions to distribute the workload. This would allow each secretary to focus on specific areas and would help to reduce burnout. Another is to create an official student team under each secretary to help with execution. This would provide the secretaries with additional support and would help to ensure that events are run smoothly.

In addition, it is important to improve coordination between secretaries, clubs, and administration. This would help to ensure that everyone is on the same page and that events are planned and executed efficiently. It is also important to have a systematic support group for creative ideas and marketing. This would help to promote student involvement and would ensure that events are well-publicized.

Finally, it is important to eliminate communication gaps. This can be done by creating clear channels of communication and by ensuring that everyone is aware of their responsibilities. By taking these steps, it is possible to improve the work of student secretaries and to create a more positive and productive environment for everyone involved.

IF GRANTED THE OPPORTUNITY, WOULD YOU CHOOSE TO RESUME YOU POSITION AS SECRETARY ?

Most student secretaries said no to continuing in the role in their final year, preferring to take on bigger responsibilities and maximize their learning from different experiences. However, some said yes, either to improve upon their previous work and continue initiatives they had started, or to take initiatives started by others to a self-sustaining level at which their successors could continue seamlessly.

WHAT IS YOUR VISION FOR THE INSTITUTION, AND WHAT MESSAGE DO YOU HAVE FOR JUNIORS ?

Increase participation and exposure to diverse events in college, it is important to build a participative culture and make events a college trend. This can be done by encouraging students to step out of their comfort zones, network with others, and gain holistic development. Seniors can also be a great resource for gaining insights and advice.

All the respective secretaries had advised to proactively explore all fields through participation. Think creatively and push their boundaries. And above everything, respect positional hierarchies, uphold courtesy and coordinate proactively.

"Eventually we all have to accept full and total responsibility for our actions, everything we have done, and have not done."

~ Hubert Selby Jr.



"Check out our complete podcast on Amazon Music, Spotify, and JioSaavn for the full listening experience."

NAVIGATING AI/ML AND DEV



Kamlesh



Divyansh



JOURNEY BEGINS !

Kamlesh's journey began with a foray into web development and interest in IoT during his first year, followed by a transition to machine learning under the guidance of faculty members and exploration of foreign university opportunities for master's programs.

Divyansh elaborated on acquisition of programming and competitive coding skills in his second year. These skills facilitated a paid internship, nurturing a burgeoning interest in development.

HOW DID YOU CHOOSE TO UTILIZE YOUR TIME DURING THE LOCKDOWN PERIOD – A CHALLENGE OR AN OPPORTUNITY?

The lockdown period was seen as an opportunity rather than a challenge, with them considering it an exceptionally productive phase of their life. Leveraging online connectivity through platforms like Google Meet and WhatsApp, they found a robust support system among friends. Upon returning to college in their third year, they embraced the hurdles and successfully adjusted. They advised maintaining the required attendance while diligently completing assigned tasks to counter procrastination.

WHAT ARE YOUR PERSPECTIVES ON THE CONCEPT OF HOLISTIC DEVELOPMENT ?

Their perspective on holistic development emphasized focusing on one task at a time to achieve excellence, followed by experimentation across various domains during the college years. The practicality of juggling multiple commitments was acknowledged as challenging.

WHAT ARE YOUR VIEWS ABOUT FUTURE POSSIBILITIES REGARDING COMPETITIVE PROGRAMMING, AI/ML OR DEV ROLE ?

When discussing competitive programming and development, they highlighted that competitive programming skills were crucial for interview rounds, unless undertaken solely as a competition. Development, on the other hand, was seen as essential for constructing a strong portfolio and acquiring skills aligned with current industry trends. In the context of machine learning, they acknowledged its expansive potential but noted its current API limitations, predicting a gradual market establishment.

WHAT IS YOUR UNDERSTANDING ABOUT THE OPPORTUNITIES AVAILABLE IN OUR INSTITUTION ?

Regarding opportunities within IITRAM, they expressed that while the world at large has limited openings, IITRAM abounds with resources and prospects. They lauded the supportive nature of professors and emphasized the significance of self-learning in gaining valuable experience during the college journey.

In a parting note, they encouraged others to relish their college experience, cherish moments shared with friends, and create lasting memories. The sentiment was that hangouts and shared experiences would be cherished memories in the future, making college life truly unforgettable. They signed off with a cheerful invitation to enjoy oneself and share camaraderie over a cup of tea at the gathering spot, GC.

GATE ACHIEVERS



Sarv Verma
AIR 4
#Instrumentation
AIR 5
#Electrical



Munish Kumar
AIR 587
#Civil



Abhishek Singh
AIR 464
#Mechanical



Shivansh Yadav
AIR 112
#Civil



Saket Tripathi
AIR 954
#Mechanical



Nirajsinh Rathod
AIR 2096
#Mechanical



Abhishek Kumar
AIR 434
#Geomatics



Deepesh Upadhyay
AIR 494
#Civil

And many more.....

In GATE 2023, Abhishek Singh, majoring in Mechanical engineering, has secured a rank of 464 in GATE (ME). He possesses a strong enthusiasm for volleyball and has actively taken part in numerous tournaments, playing a vital role in the IITRAM volleyball team.



Abhishek Singh

HOW DID YOU PLAN YOUR GATE PREPARATION?

Initially, he was unsure about preparing for GATE, but with the guidance of friends and watching YouTube videos on the topic, he realised that it was achievable with consistent effort. To balance college and GATE preparation, he decided to focus on important subjects and make short notes for revision. He mentioned that he relied on solving questions from books and previous years' papers. As for motivation, he kept reminding himself of his goal to get into a reputed institute. Seeing his friends prepare for GATE and their progress also motivated him to keep going. The desire to prove to himself that he could crack GATE and secure a good rank also fuelled his determination.

WHAT WERE THE CHALLENGES AND FAILURES YOU FACED ? HOW DID YOU MANAGE TO OVERCOME IT ALL?

One of the major challenges he faced was time management. Balancing college studies, GATE preparation, and co-curricular activities was tough. To overcome this, he decided to attend only essential college lectures and focus more on self-study and solving problems. Another challenge was staying motivated throughout the preparation, especially during difficult subjects. He tackled this by using the Pomodoro technique, which is to set short-term goals and then rewarding himself after achieving them. Regularly solving mock tests and analyzing his performance also helped him stay focused.

WHAT ARE YOUR PLANS FOR THE UPCOMING JOURNEY ?

Being interested in contributing to technological advancements and innovations in the field, his long-term goal is to pursue research in Mechanical Engineering. He said that while his GATE rank might not be high enough to get into the institute of his preference, he is still aiming for higher studies and research opportunities in the future. His current plans are to gain more experience in the industry and then apply for research positions or a Ph.D. program later.

Abhishek offered guidance to listeners and juniors while encouraging exploration and enjoyment in the first few years of college. He stresses the importance of being realistic about career prospects and not just following one's passion without considering practicality. He advises finding a balance between having fun and taking advantage of the opportunities that college offers. He also highlighted the need to have something to show for the four years spent in college.

Sarv Verma has major in Electrical Engineering, he has scored AIR-5 in electrical engineering and an AIR-4 in instrumentation engineering. He wants to attend IISc Bangalore for master's in artificial intelligence.



Sarv Verma

HOW DID YOU PLAN YOUR GATE PREPARATION?

I studied for GATE after my college hours. There was no formal coaching, but our faculty members provided us a lot of advice.

Modes: Every subject covered in the exam syllabus has a specific book written by a well-known author. Referring to these books will aid in both grasping the advanced concepts and applications of these topics as well as clearing up the fundamental principles in the first place. To improve their fundamentals, applicants must understand the in-depth theory underlying each idea. He emphasized the need for memorization of fundamental equations and formulas as well as practice with repetitive writing.

AS A STUDENT OF COVID BATCH, HOW DID YOU DRAIN THE ADVANTAGE IN YOUR FAVOUR ?

As a student of the COVID batch and taking advantage of the lockdown to my fullest, I would set a proper schedule and study plan and follow it throughout.

It is a pure misconception, in my opinion, that passing the GATE exam is challenging. In fact, with just the minimal amount of preparation that is required, hundreds of candidates pass the GATE exam each year and move on to higher education or good companies.

When preparing for the GATE, it is crucial to allow for enough time to revise after studying and understanding any given topic or concept. I think short notes are the greatest method for revision, he remarked.

HOW DID YOU MANAGE TO PUBLISH A RESEARCH PAPER?

He also mentioned about his B.Tech project under Dr. Manish Sharma. He worked on AI and machine learning and wrote a research paper on a deep learning-based model using EEG signals to develop a way to identify healthy insomnia.

WHAT ARE YOUR FUTURE PLANS?

I want to attend IISc, Bangalore, to get a master's in artificial intelligence. I am expecting to be admitted there based on my score and previous year's merit at IISc.

"Competition gives me energy. It keeps me focused."

GRE ACHIEVERS

How was your journey? How did you calculate the required amount of time and preparation ?

In the context of the journey, preparation is not a rigidly defined process; it involves continuous self-assessment and profile-building aligned with one's goals. The key is to begin consistent preparation once a clear path is determined, while also remaining receptive to opportunities. Keeping skills honed and maintaining an open approach are crucial components. Calculating the required preparation duration involves considering factors such as individual strengths and weaknesses. An average student might allocate 3-4 months, with a focus on addressing language barriers or subject-specific challenges.

How did you discover and extract the resources around you?

Raising awareness and accessing resources in the surroundings entails recognizing the abundant availability of resources and ensuring effective utilization. The skill of filtering information to select relevant and accurate data is of utmost importance. Building connections with individuals through clubs, faculty, and friends aids in discovering suitable resources and encourages ongoing exploration.

How does learning in a group or community help you learn better?

Engaging in a learning community fosters an enriched understanding. Peer explanations contribute significantly, and healthy competition within the community propels knowledge acquisition. This communal approach enhances efficiency and fosters positive competition.

When you face problems or tough decisions, how do you go about solving them?

Exploration stands as a critical element. Making conscious decisions and adopting diverse perspectives enriches one's viewpoint. Engaging with people from different backgrounds provides valuable insights, ultimately refining decision-making abilities. Failures are regarded as potent teachers, shaping understanding more effectively than success.

Sometimes it's hard to stay consistent over time. What's your take on this ?

Consistency is underscored by a fluctuating pattern of positive efforts, rather than rigidly fixed tasks. This consistent fluctuation, akin to a wave with varying amplitudes, is a more accurate representation. Tasks are managed while in progress, balanced with necessary breaks for rest and rejuvenation.

How to tackle a tough situation in our voyage ?

Navigating challenging situations within the journey hinges on cultivating a resilient mindset. Recognizing that accomplishments take time and seeking assistance when necessary are vital. Establishing short-term objectives contributes to overcoming obstacles effectively.



Malhar
Solanki



Tathya
Bhatt



Rishita
Yadav



Kshitij
Gannavarapu



Repertus 2K16 1-3 April



ANNUAL TECHNO-CULTURAL FEST OF IITRAM

In a momentous celebration of ingenuity and flair, the debut of IITRAM's grandiose Annual Techno-Cultural gala, Repertus 2K16, dazzled the assembled audience on 1st April, 2016. The festivities commenced with a captivating documentary that unveiled the splendors of the institute, followed by gracious salutations extended to esteemed dignitaries, and an inspiring oration by the esteemed Guest of Honor, Dr. (Prof.) Utpal Sarkar. In the presence of luminaries like Shri Mukesh Kumar, IAS, Director General of IITRAM, who lauded the institute's accomplishments and extolled the relentless dedication of students and faculty alike, the ceremonial lamp was aglow, heralding the advent of Repertus 2K16 with grandeur. Showered with blessings from revered personalities such as Prof. S. P. Melhrotra, Dr. Nilay N. Bhuptani, and Dr. Shanti Prasanna, the stage was set for an unforgettable Techno-Cultural festival.



The captivating "Contraption" contest demanded strategic astuteness and rapid decision-making, as participants analyzed rival skills and contrived instantaneous solutions with the utmost economy of movements within a prescribed time frame. Lastly, the "Greenovate" competition spurred aspiring minds to address critical human challenges, inspiring innovative solutions to the most pressing problems of the present.

Moreover, the attendees were privileged to partake in a plethora of captivating workshops. Design aficionados explored the realms of NX - RPT, while civil engineers reveled in witnessing live building construction using STAAD.Pro. Robotics enthusiasts were enthralled by the UDR workshop and enchanted by IoT's wonders, which granted them control over mobile appliances. Participants delved into the realm of Ethical Hacking, learning the art of responsible hacking, while the FPGA workshop revealed the wonders of advanced R-duno chips to aspiring EE and EC students.



The festivities reached a crescendo with the splendid IdExpo at Repertus, which showcased a brilliant array of innovative startup ideas presented by participants hailing from various colleges across Gujarat. The enthralling pitch presentations were adjudicated by esteemed experts hailing from the industry and academia. During this segment, Shri Sanjay Kaul, IAS illuminated the aspirations of Startup India and elucidated the government's unwavering support for budding entrepreneurs. The event provided invaluable insights into the realms of patents, incubation, and unexplored entrepreneurial avenues. The post-lunch session witnessed an interactive tête-à-tête with the Mr. Vikas Chawda, leaving the audience in a state of sheer elation.



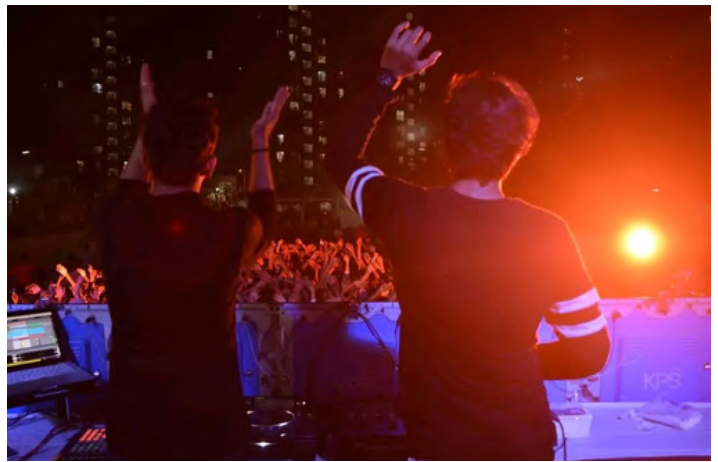
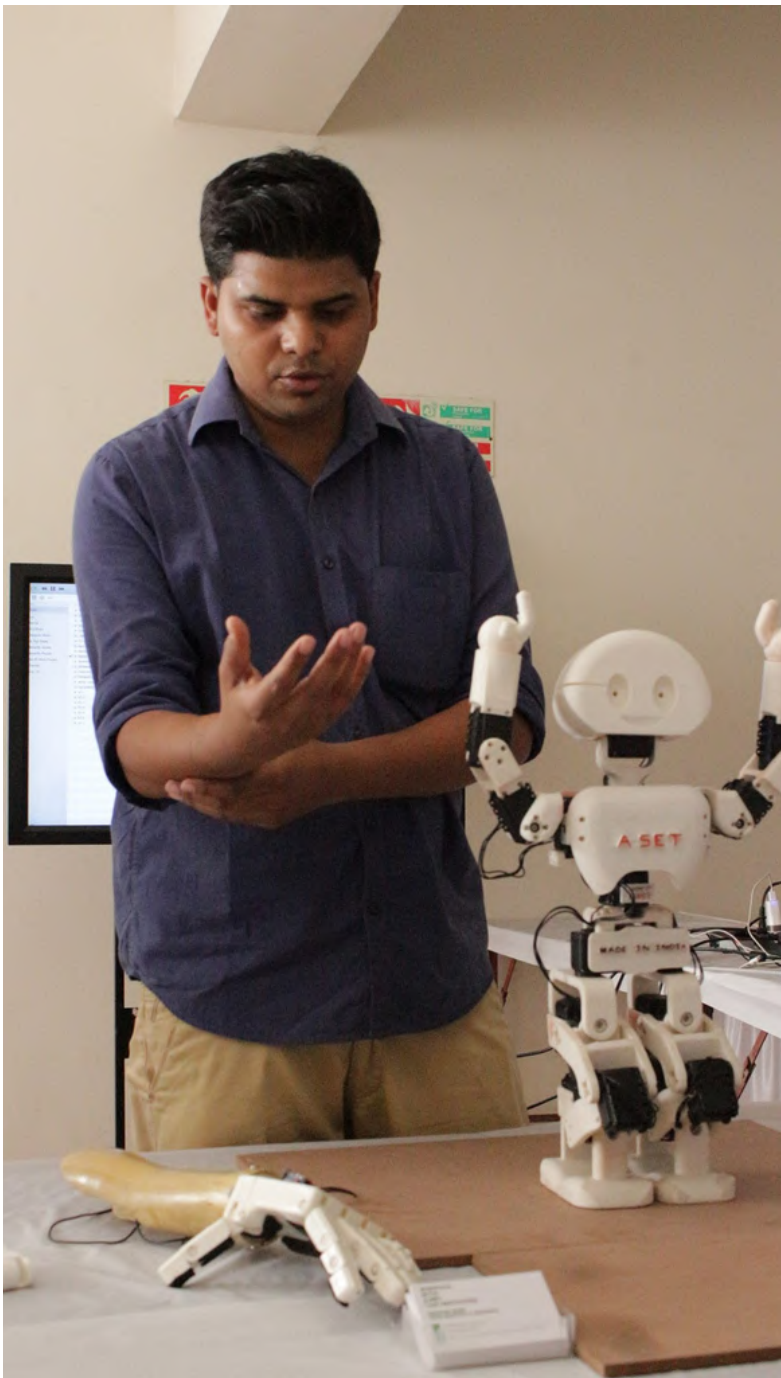
In the spirit of nurturing innovation and fostering creativity, Thinké - Posté took center stage, an exciting student-level poster presentation competition dedicated to the captivating theme of "Smart Cities." Participants displayed their profound talents and expertise through captivating posters within four key fields: Sustainable Development, Feasibility and Finance, Smart Infrastructure, and Intelligent Transport System (ITS), and Information and Communication Technology (ICT). The event served as an opportune platform for budding minds to delve into and contribute to the grand vision of smarter, more sustainable urban living.

Let the melodies of technology and culture entwine, creating a symphony of joy and creativity."

And then came Sternights, the resplendent crescendo of Repertus, leaving the crowd captivated and breathless. An electrifying night featuring riveting performances by the esteemed VH1 SonicBoom artist, Thermal Projekt, complemented by the enthralling opening act of Dual Drama. The vibrant rhythm of DJ Asen's Bollywood tracks permeated the atmosphere, setting the stage ablaze with exuberant dance and boundless joy on the enchanting evening of 2nd April, 2016, within the cherished confines of IITRAM.

The curtain fell upon the event with an illustrious award ceremony, honoring the top three winning startup ideas, culminating in a valedictory function to commemorate the conclusion of Repertus 2K16 on April 3, 2016. The Techno-Cultural saga etched an indelible mark in the chronicles of IITRAM, leaving an enduring legacy of talent, innovation, and friendship to be celebrated for years to come.







IITRAM & DST Presents

Repertus 2K16

1-3 April 2016

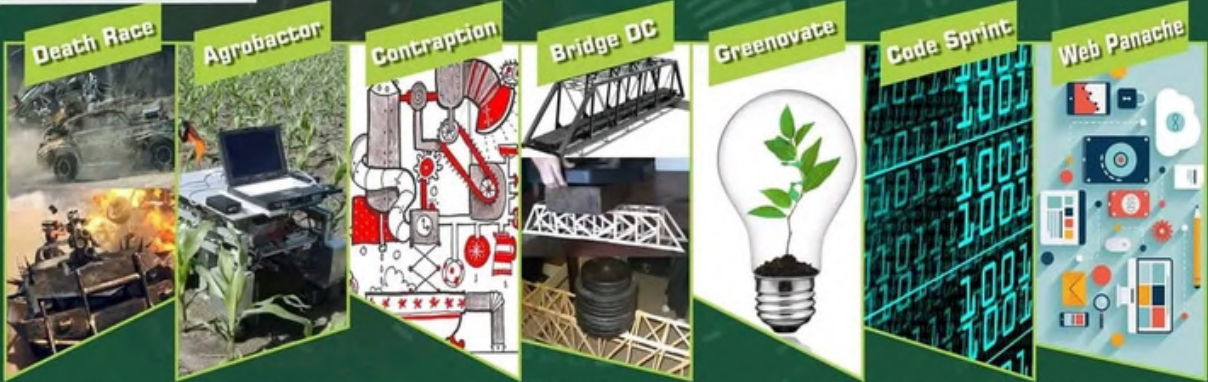


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2K16 PRESENTS

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THERMAL PROJEKT

SUPPORTING ACT: DUAL DRAMA

VENUE: IITRAM COLLEGE CAMPUS

2ND APRIL SATURDAY 6PM

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TED^xIITRAM

x = independently organized TED event

TED is owned by a non-profit, non-partisan foundation. Their agenda is to make great ideas accessible and spark conversation, usually in the form of short, powerful talks (18 minutes or less). TED began in 1984 as a conference where Technology, Entertainment and Design converged, and today covers all topics — from science to business to global issues — in more than 100 languages. TED is a global community building a clearinghouse of free knowledge from the world's most inspired thinkers — and a community of curious souls to engage with ideas and each other.

Over the years, rising influence of TEDx events where ideas are shared and welcomed with positive attitude, is remarkably observed among young generation. TEDx speakers are often experts or accomplished individuals in their respective fields. Listening to these experts can provide valuable learning opportunities for young attendees and might even ignite an interest in a particular subject or career path. On the other hand, the brief interactive session regarding career opportunities is like a Cherry on a Cake for them.

Keeping all these desired aspects in mind, various sessions are conducted globally by various universities. One such successful event was conducted by IITRAM Ahmedabad. TEDxIITRAM was a full day university event hosted by the TEDxIITRAM crew, aimed to ignite the sparkle in individuals to become better versions of themselves.



BIG IN THE SMALL

TED^xEvent 2018

Series of the inspiring event was started off by the event of 2018, following the theme 'Big in the Small'. An array of speakers - expert individuals well established in their respective fields - were invited to share their ideas based on the same.

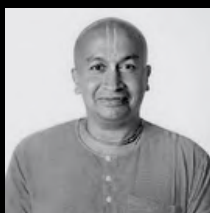
Event was commenced by Director General of IITRAM, Dr. Shiva Prasad on the morning of March 23, 2018. First speaker was Pulkit Gaur, who was honoured by MIT's TR35 Young Innovator 2011. The second speaker was Mr. Udaybhai Jadhav, an autodriver who laid the cornerstone of 'Ahmedabad no Rikshawalo', and touched on to being a little more human. The event was followed by enlightening talk about 'Habit' by Shri Gauranga Das Prabhu who has been teaching the science of Krishna Consciousness.

Our fourth speaker was Dr. Jagdish Chaturvedi who is a renowned Indian ENT Surgeon. Dr. Chaturvedi presented a truly enthralling, humorous yet truly inspiring talk, for which he received a standing ovation from the crowd. Next speaker, Mr. Sudhanshu Kaushik, who then was pursuing Masters at Oxford University delivered a talk that instantly connected with the young population in the audience. The next speaker to present her talk was Ms. Aditi Rawal, popularly known as RJ Aditi, presented her inspiring journey of following her dreams. The event was concluded by our final speaker Mr. Anang Mistry, who is an enterprising leader.



Pulkit Gaur

Mr. Udaybhai
Jadhav



Shri Gauranga
Das Prabhu

Dr. Jagdish
Chaturvedi



Mr. Sudhanshu
Kaushik

Ms. Aditi
Rawal

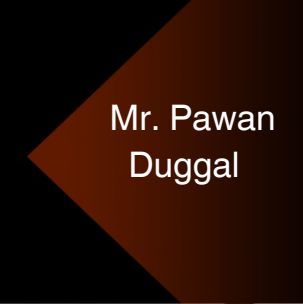




Mr. Abhishek
Kar

TED^x Event 2022

Following the legacy of first TEDx event of 2018, the institute organized another Hybrid event in the year 2022. It was inaugurated under the theme 'Fast Forward: A Different Future' by our Director General Dr. Shiva Prasad on April 9, 2022.



Mr. Pawan
Duggal



Dr. Kaushik
Shridhar

Fast Forward: A Different Future



Aditi
Patankar



Archie
Singh

To mark the start of the event, our first speaker Mr. Abhishek Kar, a full time Trader and investor, delivered a talk on 'Finance in the era of Metaverse and NFT.' Our second speaker was Mr. Pawan Duggal gave tensed on Future of laws followed by our third speaker Kaushik Shridhar who delivered a TED about how ESG will play a critical role for achieving the Environmental goals. Our fourth speaker was Aditi Patankar who delivered a talk on 'Reconsideration of roles is a need of current society'. Another talk of 'Future of LGBTQ+ community' was delivered by Archie Singh. Our next speaker Bharat Karnad sir threw a light on 'Unconventional sight of World War III.' The event was concluded by Ms. Himanshi Singh sharing her thoughts on how Ed-Tech has changed with time and what could be its future.



Bharat
Karnad



Ms. Himanshi
Singh

The event was kept alive and fun by our extremely buoyant and enthusiastic host Mr. Nitin who managed to grab the audience's attention through fun sessions conducted at the end of each speaker's talk.



दायित्व

Be The Change!
You Want To See...



**"EDUCATION BREEDS
CONFIDENCE, CONFIDENCE
BREEDS HOPE, HOPE BREEDS
PEACE."**

Bringing out the truest essence of this statement is Dayatva, a community service initiative taken by the students of IITRAM, with a vision to provide free of cost quality education to those children who are highly deserving, yet are unfortunately lesser privileged. On the periphery, Dayatva not only aims to provide intellectual help to students but has grown immensely in the field of emotional and environmental factors, organizing activities under Dayatva happiness and Dayatva green.

PILLARS OF

दायित्व

*Be The Change!
You Want To See...*



DAYATVA SCHOOLING

1

2

DAYATVA E-LEARNING



DAYATVA HAPPINESS

3

4

AWARENESS EVENTS





DAYATVA SCHOOLING



Dayatva began when our founders started going to the government schools, on every Saturday, to teach the students of class 10. DAYATVA further took a step to give free education for National Talent Search Examination (NTSE) to the students of class 8th and 9th who have cleared National Means cum Merit Scholarship Examination (NMMS), in the month of November 2017. Around 40 students were enrolled in the first batch of DAYATVA for the preparation of NTSE.



Team Dayatva, a group of 38 student volunteers, trains students from government schools in Ahmedabad in subjects like Sciences, Social Studies, Mathematics, English, and Mental ability. They trained around 90 new students of class 8th and 9th in May 2018 and around 60 new students of class 9th from 2019 onwards through DAATSE. In 2020, before lockdown, they trained a batch of 214 students of classes 8, 9, and 10 on Sundays at the IITRAM college campus.



#ELEARNING

The collage features several educational slides and a central logo:

- States of matter...** (States of matter...): A slide showing Solid, Liquid, and Gaseous states with corresponding diagrams.
- Friction, घर्षण धर्षण**: A slide illustrating friction with a diagram of a block being pushed.
- ALTERNATE ANGLES OF PARALLEL LINES**: A slide showing two parallel lines intersected by a transversal, with alternate angles marked.
- Observational Studies**: A slide with text in Hindi and English, including "एक सहज या नव पानी में सिर्फ तेरता है, उसमें डूबता नहीं आखिर क्यों?" and "Ans. बल (Force) तरण बल (Buoyant Force)".
- दिशासूचक क्या होता है और कैसे काम करता है ?**: A slide about compasses, showing a physical compass and a circular diagram.
- Central Logo**: A circular logo with the Hindi word "दायित्व" (Dayatva) and the tagline "Be The Change! You Want To See."

BE THE CHANGE YOU WANT TO SEE

In order to provide our students with regular learning that was not hindered by the lack of teachers or adequate facilities for offline schooling, the team established a collection of learning videos of numerous subjects in regional languages on YouTube. Any student can watch these videos at any time, anywhere, and they will help them understand their topics at their own pace. Team Dayatva has posted 240 videos to the Dayatva YouTube channel, which has received 22.6k+ total views.

“A child without education is like a bird without wings.”



DAYATVA HAPPINESS

This is an initiative to promote positivity in the society. Under this Dayatva has planned to conduct activities for social welfare, spending some time with the children and elders, entertaining them, talking to them and bringing a smile to their faces. Apart from these, it also includes food donation to poor, book donation and other charity work.



A VISIT TO AN OLD AGE HOME

Dayatva aimed to spend a day with our elders and hence, a visit to an Oldage home was organized . The team went there and gave a musical tribute along with some fun activities to bring smiles on their faces .

PRAYAAS- CLOTH DONATION DRIVE

The drive was organised in order to provide clothes to needy people. In the first year, we donated 700 and in the second year we donated about 2000 clothes in downtown areas of Isanpura, Jashoda Nagar, Tikrampura, and Vatva Galoriya Tekra



VISIT TO RED CROSS SOCIETY

After the blood donation drive, Dayatva aimed to meet the patients for whom the blood was donated and hence a visit to RED CROSS SOCIETY was organized. The team went their to spend some time with the patients of thalassemia major and played a few fun games to make their session a joyful one.



BLOOD DONATION DRIVE

During 2022 and 2023, two blood donation camps have been organized by Dayatva and iMechE in association with RED CROSS SOCIETY, within IITRAM campus. The camps was set up by professionals and a total of 165 units of blood was collected in the first year followed by 120 units in the second year for patients of thalassemia major.

***A single drop of blood
can make a huge
difference.***



AWARENESS EVENTS



NUKKAD NATAK

Nukkad natak are regularly organised by team Dayatva in order to raise awareness among the public. There were two of them, the first for the independence day on August 15 with the theme "Desh ke prati jagrukta" to raise awareness of the impact social media has on us, our duty to uphold national symbols, and the significance of youth. The IITRAM campus and Kankaria Lake were the locations.

On 26 January 2023, a Nukkad Natak on cleanliness was held. The purpose of the event was to call attention to and increase public understanding of the importance of cleanliness. The locations were IITRAM campus and Parishkar Phase 1 and 2.

MENTAL HEALTH SPACE



Mental health space - It's often said to stay strong socially we must be bound mentally and to do so, an activity was organized for students to introspect as well as tell the stories which are locked inside them but are significant enough to narrate why they have shaped into the person they are today. The mental space created by the team helped them feel vulnerable and empowered at the same time. The event received a heartwarming response from the participants..



On May 22, 2022, Team Dayatva distributed sanitary pads in slum areas as a part of Menstrual Hygiene Day. Limited access to menstrual hygiene materials is a major issue that can keep girls away from school and women locked in their homes. The team distributed over 125 pads and raised awareness for menstrual hygiene, with some hesitancy from recipients at first. The visit was described as "picture perfect" by a representative of the NGO who accompanied the team, and there is optimism for future similar events.



SANITARY PAD DISTRIBUTION AND CLEANLINESS DRIVE



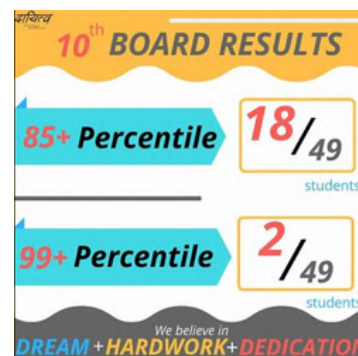
On 16 April 2023, Team "Dayatva" joined forces with NGO "Earth Day" and EV company "Matter" to organize a transformative cleanliness drive at Thaltej Lake in Ahmedabad. Dedicated volunteers from Team Dayatva led the charge in cleaning up the area, followed by an impactful nukkad natak (street play) that creatively highlighted environmental issues. This collaborative effort aimed to inspire the community to actively contribute towards preserving Thaltej Lake's pristine environment, making it a better place to live in for everyone.

ACHIEVEMENTS



Consequently, Dayatva has gained immense appreciation and has achieved accolades such as the 'Young Contributors Award, 2018', from the Government of Gujarat.

8 out of 15 students from the first batch of Dayatva qualified the NTSE 2018-19 Stage-1. Also, one of our students – Dipali Rajeshbhai Rathod secured 12th rank in Ahmedabad in the NMMS examination; further, she secured the 15th rank in Ahmedabad in the Secondary Scholarship Examination (SSE).





NEST Club of IITRAM works in the ecological and greener methods to conserve nature and to spread and explore ideas & awareness for the conservation of ecology and nature. The club is established to make the students aware of four concepts from NEST - Nature, Ecology, Surrounding & Trekking. The motto "An individual at once must lay into the lap of MOTHER NATURE" NEST provides opportunities to explore nature, engage in eco-friendly activities, and develop skills such as teamwork and leadership.



Events



Trips



Campaigns



Celebrations



Workshops



EVENTS

Vintage Games

The games like Satolia, Gilli Danda, Langditang & Kabaddi etc were organized at garden area in IITRAM campus on 26th November, 2015. Nearly 150 students from all branches participated actively and vigorously. This event provided the chance to reminisce their childhood.

The NEST club organised an event for traditional sports on 22 August 2019 for all 1st year students of IITRAM with the aim of rekindling interest in the students for these forgotten games. The event included sports like Kabaddi, Tug of War, Kho Kho and other such games. The students showed keen interest and actively participated in all the games. After the completion of all events, the junior students were enunciated about the NEST club and were informed about its working, aim and motto.

On 7 December 2021, NEST club organized its annual event- Vintage Games, allowing everyone to revisit the games played throughout India back in the times when internet and video games were almost non-existent. Students of all years along with the faculty members and non-teaching staffs participated enthusiastically. The event included games like Satoliyu, Hopscotch, Blind Trust, 3 Claps, Dog and the Bone and Tug of War, French Cricket.



Polo forest

A visit to Polo forest was conducted on 07 Sept 2015. Polo forest is a beautiful eco-tourist place located near Abhapur village of Vijaynagar taluka; which is around 150 KM from Ahmedabad. The place is famous for its rich natural resources, historical places, a dam, and a river which is surrounded by mountain ranges. There are more than 450 species of medicinal plants, around 275 species of birds, 30 species of mammals, and 32 species of reptiles.



Mount Abu

A trip to Mount Abu was conducted during Sept. 25-26, 2015. The exciting trekking excursion included 83 students and two professors, Dr. Meera Vasani and Dr. Gautam Borisagar. Mount Abu with its beautiful landscapes, lakes, waterfalls, sunset points and lush green forests allocates an opportunity for nature lovers to appreciate mother nature. Mount Abu has more than 17 nature trails and pathways suitable for adventurous activities in the forest; Mount Abu's beauty is hidden inside the jungles.

Trio day

Trio Day is a worldwide celebration of three days dedicated to conservation of ecology and environment, which was also celebrated in IITRAM in 2015.

August 13- Ecological Debt Day (EDD), also known as Earth Overshoot Day.

September 21- 'Zero Emission Day'

September 22- 'Car Free Day'.



Origami Workshop-

Origami Workshop was conducted on Nov. 04, 2015. Origami is the art of paper folding, originated by Japanese culture. The goal is to transform a flat sheet into a finished sculpture through folding and sculpting techniques. Origami workshop was organized on 4th of November, 2015 by the NEST Club. Prof. Gautam Borisagar and Mrs. Vaibhavi Kodrani gave instructions on various techniques for the art of paper folding.

Love to breath, Save the Tree

Plantation Drive

NEST organized a plantation drive in the campus area and the AMC hostel at IITRAM. under the guidance of faculty coordinator Dr. Gautam Borisagar. The soil in the AMC hostel's ground was cleared and the plastic and metal wastes were removed. Entire plantation drive event was conducted over a week's duration. .



Events 2019



Nature Quiz-

The programme conducted on 14 Oct. 2019 had a poetry competition in which the students displayed their poetry skills on the theme of NATURE. This was followed by a quiz and drawing competition on 'Environment and its Conservation'.

Events 2020

E-plantation-

We did not let COVID-19 dampen our spirits and organized an e-plantation drive. on Aug., 12, 2020 We encouraged our members, peers and teachers to plant saplings in their homes and then share their photos on social media to spread inspiration by our efforts.

Mobilize the energy, attention, curiosity and focus of children”.

NEST started an environment awareness campaign through social media. On 12 August 2020, we have raised our opinion and shared our ideas with the world through various informative posts, graphical representations.

Our posts include topics like EIA (Environment Impact Assessment), benefits of using EV both environmentally and economically, tiger conservation and much more.





Cycling Event

The Nest Club of IITRAM, in collaboration with Ahmedabad Municipal Corporation (AMC) organized a cycling event on April 2, 2023 to promote cleanliness, forest, and health. MyByk, a major cycling company, sponsored 50 cycles for the event.

The aim of the event was to promote the benefits of cycling and to raise awareness about the importance of a clean and healthy environment.

The participants set off on their bicycles, cycling through the city and passing by some of Ahmedabad's iconic landmarks around Kankaria Lake. The participants cycled for a distance of 8 km and enjoyed the beautiful scenery along the route.

The event was not only about promoting cycling as a healthy and eco-friendly way of transportation but also about raising awareness about the importance of cleanliness and forest conservation. The organizers emphasized the importance of keeping the environment clean and green and urged the participants to spread the message of sustainability and environmental conservation.

The event was a great way for the participants to connect with nature, get some exercise, and learn about the importance of protecting our planet. The collaboration between Nest Club, AMC and MyByk was a great example of how public-private partnerships can be used to promote sustainable and environmentally conscious initiatives.

The event was a great example of how community-led initiatives can make a positive impact on the environment and people's lives.



Celebration week 2021

NEST Club conducted a week long Dress up and fun Activities event which had different theme for each day like :

****MIS-MATCH MAYHEM:****

Get ready to flaunt your wild and wacky side! It's Mis-Match Mayhem Day, where everyone ditches the ordinary and rocks their quirkiest, most mismatched outfits. Unleash your fashion chaos!

****TWINNING & BEYOND:****

Doppelgängers unite! Twinning Day is here, and it's not just about pairs; you can form trios, quartets, or more! Dress up in identical outfits with your squad, and challenge your coordination in thrilling games like the three-legged race, blind trust, and epic rounds of charades.

****CULTURAL EXTRAVAGANZA:****

Embark on a cultural journey like never before! Traditional Day invites you to showcase the vibrant diversity of our world. Don your regional or cultural attire and immerse yourself in a day filled with mesmerizing dances, soul-stirring music, and a celebration of global traditions.

COMIC-CONQUEST:**

Calling all superheroes, wizards, and pop culture fanatics! It's Cosmic Comic-Conquest Day, where you step into the shoes of your favorite characters from DC, Marvel, F.R.I.E.N.D.S, Harry Potter, Anime, and Cartoons. Dive into themed trivia and join the ultimate Treasure Hunt: The Finals, where epic quests await!



A treasury of cherished memories



Celebration week 2022



NEST Club Celebrated Celebration Week 2.0: A Week Full of Fun and Vibrancy

The Nature Ecology Surroundings & Trekking (NEST) Club of our college recently organized a week full of excitement, fun, and vibrant energy with its Celebration Week 2.0. The week-long event started on Monday, January 30, 2022, and ended on Thursday, February 2, 2022, with each day of the week having a different theme.

The first day of the celebration was Traditional Day, which was celebrated on Monday. The students of our college wore traditional attire and showcased their cultural diversity. This day was a perfect start to the week-long event as it showcased the different traditions and cultures that students come from.

Tuesday was Twinning Day, where students paired up with their friends and wore matching outfits. The college campus was filled with students wearing identical clothes, shoes, and accessories, making it a sight to behold.

The third day of the Celebration Week 2.0 was Bollywood Day. The day was dedicated to the vibrant and colorful world of Bollywood. The students and staff dressed up in Bollywood-style attire, and the campus was buzzing with energy. In the evening, the college seminar hall hosted "Bollywood Spectacular: The Talent Showdown," where students showcased their talent in dance, music, and acting.

The final day of the celebration was Mis-match Day, which was celebrated on Thursday. This day gave students the opportunity to mix and match their clothes in unique and creative ways, making them stand out from the crowd.



Throughout the week, these events added to the overall excitement of the Celebration Week 2.0 and ensured that the students and staff were engaged throughout the week.

The Celebration Week 2.0 was organized to break the monotony of daily life and to create a sense of community and togetherness among the students and staff. The Celebration Week 2.0 was a huge success and was enjoyed by all who participated. It was a perfect way to showcase the fun and vibrant side of the students and staff of our college, and it will be remembered for years to come.



Econom



ics club

The Economics Club is a student organization dedicated to promoting the study of economics and its applications in the real world. The foundation is laid by Ashutosh Sharma Mihir Madhu and Saurav Kumar under the guidance of Dr. Pravin Jadhav in January 2023. Our mission is to contribute to the learning of all students passing through, and generate interest in the learning of economics, to be a source of knowledge through interactive, engaging and entertaining learning methods.

Objectives

- Organizing debates, discussions, and brainstorming sessions on the prevailing economic conditions across the globe.
- Developing the aptitude required for pursuing fintech ideas and giving them shape.
- Collaborating with various fintech and consulting agencies on multiple levels (internships, guest lectures, projects, placements) to improve the institute's industry tie-ups.
- Providing consulting sessions for students to guide them to this career path after getting admitted to an engineering college.
- Teaching minor courses in finance and management with the help of the faculty coordinator.
- Arranging guest lectures and providing insights to students on what's really happening in the world economy and the Indian economy.
- Starting book reading sessions for the club members where recommended books are to be read within 15 days and thereafter its summary is to be discussed.

We believe that by providing students with a platform to learn about economics in a fun and engaging way, we can help them develop the skills and knowledge they need to succeed in their careers and in life.





Election

The IITRAM Mock Parliamentary Elections were held on January 31st, 2023, with the participation of students and faculty members from the institute. The event was organized by the Economics club of IITRAM with the objective of simulating a parliamentary election experience and promoting democratic participation among the students.

The two parties that contested in the elections were the College Janta Party (CJP) led by Ratnesh (Civil Engineering 2021) and the Yantrik Communist Party (YCP) led by Prassana Goge, Aditya Pandey (Civil Engineering 2020) and Shaurya Bhusan (ECSE 2020). The CJP is a capitalist party that advocates for economic growth through free market principles, entrepreneurship, and individual liberties. The YCP is a communist party that envisions an egalitarian society through collective ownership, social welfare, and equitable distribution of resources.

Both parties conducted extensive campaigns throughout the campus, with the CJP focusing on its economic policies and the YCP focusing on its social policies. The CJP also held a rally of its supporters. YCP relied on posters, banners and man to man marking.

The voting turnout was remarkably high, with around 300 votes received. The demographic analysis revealed that the 2nd-year students had the highest voter turnout, followed by the 1st-year students. Faculty members made up a small percentage of the voters, but their votes were significant.

The event was a great success, with a high voter turnout and a lot of enthusiasm from participants. The two parties presented their different ideologies and visions. CJP won the election by a good margin.

The mock parliamentary elections were a great success, and they helped to promote democratic participation among students and faculty members. The event also gave students a chance to learn about the different political ideologies and to participate in a simulated election.

The mock parliamentary elections provided a valuable learning experience and a taste of democratic participation for the students. The enthusiasm and engagement displayed by the participants were commendable. The event successfully demonstrated the importance of political ideologies and the power of voting in shaping the outcome of elections, even in a mock scenario.



Budget

A mock parliamentary budget session was held at IITRAM on February 2, 2023. The event was organized under the economic club and aimed to simulate a real-world budget session and encourage discussions on the proposed budget.

The session was attended by students, faculty members, and external panel members. The external panel consisted of CA Siddharth Bhatt, CFO of Dholera Smart City, and Dr. Pravin, an economics assistant professor at IITRAM.

The session began with a presentation of the budget by Pihu, a first-year student who was playing the role of the Finance Minister. The budget was a modified version of the original budget presented in the real parliament on February 1, 2023. The CJP, which is the ruling party in the mock parliament, presented the budget from a capitalist perspective. The YCP, the opposition party, highlighted areas for improvement in the budget while prioritizing citizen welfare over a purely capitalist mindset.

The discussion that followed the budget presentation was lively and engaging. Students from both parties participated actively and shared their views on the budget. The external panel members also contributed valuable insights.

The discussion focused on several broader topics, including health, education, women and child empowerment, defense, railways and infrastructure, agriculture and farming, and science and technology. The ruling party had ministers assigned to each topic, while the opposition party had subject experts representing their views.

The mock parliamentary budget session was a valuable learning experience for all the participants. It gave them a chance to understand the budget process and to share their views on important economic issues. It also helped to foster a healthy debate on the budget and to generate valuable suggestions for improvement.

The event was a success and it is hoped that it will be repeated in the future. It is a valuable way for students to learn about the budget process and to participate in the democratic process.





SKI

Sports Klub of
IITRAM

Respect all, Fear none

SKI plays a crucial role in providing students with a platform to pursue their athletic passion, develop their skills and showcase their leadership qualities. This is the most vibrant hub of activities in the campus.

In the college SKI focuses on all the sports but majorly on Volleyball, Cricket, Football, Badminton, Kabaddi, Carrom and Chess. SKI does, however, constantly encourage participation in all sports. . SKI mainly looks after: -

1. Providing platforms for almost all Sports.
2. Organizing and managing Sports events.
3. Motivating students towards Sports.
4. Maintaining Sports equipment.

SKI is one of the major components in IITRAM's college life. By participating in various Inter and Intra events students find it enjoyable. Also, because they develop their skills, leadership qualities and discipline.

“Don’t be afraid of failure. This is the way to succeed.” - LeBron James

VOLLEYBALL

INTER-COLLEGE BOYS VOLLEYBALL

Volleyball is a dynamic and fast-paced team sport played on a court, requiring players to use their hands to pass, set, and spike the ball over the net.

In the year 2018-2019, under the captaincy of Viraj Choksi, the IITRAM volleyball team participated in many renowned tournaments such as Adani Cup and Petro Cup. In the Adani Cup they showcased their huge potential and made it to the final where they faced host team. Despite the loss in the final they gained huge experience. Similarly, in Petro Cup, they fought valiantly but unfortunately lost against Pandit Deendayal Petroleum University (PDPU). These failures were the stepping stones in the success in the LD college tournament where we won.

In the year 2019-2020, Abhishek Gupta took over as the captain of the IITRAM volleyball team. But during this year no major tournament took place as the college was closed for most of the time due to covid.

From the year 2020 to 2022, Jayant led the team and again it was the time to shine. Participating in the tournaments like in Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Lok Jagruti College (LJ), Gandhinagar National Law University (GNLU), Karnavati University (KU) .

As it is rightly said, "It's always the darkest before dawn", the year 2022-23 was the most successful year for the IITRAM volleyball team. Participating in tournaments like DA-IICT, LJ, GNLU, PDPU, and Nirma, they displayed their unwavering determination and commitment. In PDPU (Petro Cup), the team achieved a significant milestone by defeating IIIT Vadodara in first knockouts, Ahmedabad University in the second knockouts, IIT-GN in the quarterfinals, the home team PDPU in the semifinals and reaching the finals. However, they fell short in the final match against CHARUSAT (, highlighting the team's growth areas for the future.

With the rich experiences and lessons learned from previous captains, the team is assured to build upon their strengths and address their weaknesses



Intra IITRAM Volleyball Championship (IIVC)

The Intra IITRAM Volleyball Championship is popularly known as IIVC. This is the much-awaited intra tournament of IITRAM as it displays a battle of skills and determination. Each year team welcomes new champions with the arrival of freshmen. This tournament officially started in the year 2021-2022. In the First season of IIVC, the teams were enthusiastic and were ready to face each other. After a tough group stage matches, the two teams that reached the finals were the Black Bulls (third year team) and the Satavahanas (fourth year team). The final match was a thrilling encounter as the match was narrowly won by Satavahanas. So, the first official winner of IIVC was the team SATAVAHANAS.

In 2022-2023, two new teams were added from the newly joined first year. To make the tournament more competitive, the alumni team that is the team SATAVAHANAS were also called to join the tournament. They were the defending champions and they aimed to retain it back. But it was rightly said by Kobe Bryant "Turn every setback into a comeback." This time the Supa Spikers (fourth year team) emerged as champions, defeating the reigning champions SATAVAHANAS.

Kanishk Ahuja from the team Supa Spikers was awarded the player of the tournament of the IIVC 2022-23 season.



INTER-IITRAM GIRLS VOLLEYBALL

IITRAM, Ahmedabad took a progressive step by introducing a girls' volleyball team in its intra-volleyball program. This move marked the end of a search for talented players, resulting in the formation of a skilled IITRAM girls' volleyball team. Comprising players like Shreya, Tanisha, Uma, Vishaka, Purna, Shatakshi, Antara, Divya, and Pihu, the team faced challenges in various events, such as the Open L.J. Tournament and Petro Cup PDEU, initially experiencing defeats.

Undeterred, the team exhibited resilience and participated in the Justice League matches. While facing initial defeats against GNLU, they secured their first victory against GNLU with an impressive score. Despite a loss against ITNU, their journey symbolizes unity, growth, and empowerment.

IITRAM's initiative highlights gender inclusivity and showcases the potential for success when barriers are broken. The team's evolution serves as an inspiration, illustrating that determination and teamwork lead to progress both on and off the court. In essence, the IITRAM girls' volleyball team's journey is a testament to the power of sportsmanship and the strength that emerges from overcoming challenges.





INTRA-IITRAM FOOTBALL CHAMPIONSHIP (IIFC)

The intra-IITRAM Football Championship (IIFC) was held in 2022 which was filled with thrilling matches and intense competition. The tournament adopted a unique auction format where teams' managers acquired players using points rather than real money. The participating teams in the IIFC were Daddy's Boys, Stark's Falcon, Guardians, Haveli Nights, Gamzineers, Black Panthers, United Risers, and Hardshield.

After playing for three days against each other, Haveli Nights, United Risers, Stark's Falcon and Gamzineers qualified for the semifinals. The first semi-final took place between Haveli Nights and United Risers. In a tightly contested match, Haveli Nights emerged victorious, securing their spot in the final. Meanwhile, in the second semi-final, Stark's Falcon clashed with Gamzineers. Stark's and became victorious, earning their place in the final as well.

The grand final was between Haveli nights and Stark's Falcon. Haveli nights won the intense final match. The third position was secured by Gamezineers after beating United Risers in the third-place play-off match.

Yashdeep Sinh and Dhruv Nakrani were hailed as the best players of the tournament. The best goal of the tournament was also scored by Yashdeep Sinh. The goalkeeper of the tournament was awarded to Datt Patel.



“There is no pressure when you are making a dream come true.”
– Neymar

INTER-COLLEGE

The IITRAM football journey was all about overcoming setbacks to achieve success.

The year 2018 was the year of disappointments. They suffered defeats in the Petro Cup (PDPU), DA-IICT, and Justice League (GNLU) tournaments in the knockout's stages. But these defeats laid the stepping stones towards success for the coming years.

The year 2019 was a step forward to success. In the Petro Cup, the IITRAM team reached the quarterfinals. In the tournament in DA-IICT they progressed to the semifinals.

The year 2021 was a mix of emotions where there were victories and setbacks.

The year 2022 was a year of triumph. The year 2022 marked a turning point for the IITRAM football team. They achieved remarkable successes in the Petro cup. We saw an unexpected exit against SALS in the penalties. The GNLU football tournament proved to be a transformative experience for the IITRAM team, Led by Captain Ayan Sharma and comprising skilled players such as Dharmil, Kanishk, Siddharth, Manas, Himanshu, Khyat, Brijraj and Dhritiman showcased resilience and determination throughout the competition. In the quarterfinals, IITRAM faced GNLU in a tense match that ended in a goalless draw. The ensuing penalty shootout saw Siddharth emerging as the hero, scoring the only goal that secured a hard-fought 1-0 victory for IITRAM. Buoyed by their success, they entered the semi-finals against GLC (Government Law College) with renewed confidence. It was the timely contribution of super sub-Dhritiman Ghosh, assisting Kanishk Ahuja in the final moments, that propelled IITRAM to a spot in the final.



***“You have to fight to reach your dream. You have to sacrifice and work hard for it.”
– Lionel Messi***

Badminton



INTRA-COLLEGE

The Institute of Infrastructure, Technology, Research and Management, Ahmedabad (IITRAM) recently hosted the Intra-IITRAM Badminton Championship (IIBC) 2023, showcasing the exceptional talent and competitive spirit of its players.

In the intra-men's singles category, G Vasu displayed remarkable skills and determination, emerging as the champion. Yash Yadav showcased his talent and secured the second position, contributing to IITRAM's success. In the intra-men's doubles event, the first-year duo of Yash Yadav and Hardik claimed the championship title, while the second-year pair of Vibhor and Siddarth finished as runners-up, highlighting the team's depth of talent.

The women's division witnessed equally impressive performances. Shreya dominated the intra-women's singles category, emerging as the champion, while Nidhi secured the second position. In the intra-women's doubles event, the formidable partnership of Shreya and Tanisha emerged victorious, with Yasasvitha and Vini Shah finishing as runners-up.

Recognizing outstanding performances, G Vasu was honored as the Best Men's Player for his exceptional leadership and skill. Shreya's consistent performance and remarkable talent earned her the title of 'Best Woman Player'.



INTER-COLLEGE

The IITRAM Petro Cup journey was a thrilling ride, encompassing moments of triumph and defeat. In the beginning, our team exuded confidence, ready to take on any challenge thrown our way.

The first match seemed like a walk in the park as we effortlessly outplayed our opponents. Our coordination and execution were flawless, leading us to a resounding victory. The win boosted our spirits, instilling a sense of invincibility within the team.



G Vasu's badminton journey was marked by notable personal achievements. He reached the final in an Open tournament at the South Bhopal in A Shuttles Badminton Academy, displaying exceptional skills and teamwork with his partner. Despite their best efforts, they narrowly missed victory in the final.

G Vasu's talent shone again in the Perfly Cup session 2 at Kelika Badminton Academy, where he secured an impressive second-place finish. His determination and passion for the sport serve as an inspiration to aspiring badminton players, demonstrating the importance of perseverance and continuous improvement in achieving one's dreams.

However, the next round presented a formidable opponent in PDU. They possessed exceptional talent and an unwavering spirit. It became evident that we were in for a grueling battle. The match unfolded as an intense showdown, with both teams displaying remarkable skills and a fierce desire to win.

We fought valiantly, leaving no stone unturned in our pursuit of victory. Our teamwork and strategy were top-notch. Each team member pushed themselves to their limits. Unfortunately, despite our relentless efforts, victory eluded us, leaving us with a bitter taste of defeat.





In the second semester, the winner of Clash Royal was Aadil Patel. The winners of Valorent were Sutariya Vatsal Haesukhbhai, Yashasvi Pandey, Dhruv Chauhan, Jeel Shah and Rohit Pani. The Runners up were Ashesh patel, Dheeraj Mathur, Jay rana, Harsh salvi and Om patel. The winner of BGMI were Adiya Mishra, Kushal Patel, Jeel Shah and Romil Chotaliya and Runners up were Shaan Bhalodia, Smit raval, Yashdeepsinh Chudasama and Kadia Krutagna. Also, Stumble was added this semester. The winners of Stumble were Desai Jugal, Aayushi Dave and Jaymin Shukla.



INTRA-COLLEGE

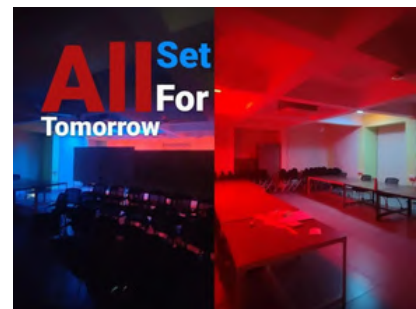
Esports, the world of competitive video gaming, has grown exponentially in recent years, attracting millions of enthusiasts globally.

In the year 2022-23, two times the intra Esports competition was held. Each one was held in each semester. Clash Royal, BGMI and Valorent were the featured games in the competition. The winner of Clash Royal was Aadil Patel. The winners of Valorent were Ashesh Patel, Dheeraj Mathur, Jay Rana, Harsh Salvi and Om Patel. The Runners up were Chauhan Dhruv Pravinbhai, Sutariya Vatsal Harsukhbhai, Jeel Shah, Rathod Bhagirathsinh Vanrajsinh and Moradiya Dev Hiren. The winners of BGMI were Adiya Mishra, Kushal Patel, Jeel Shah and Romil Chotaliya and Runners up were Shaan Bhalodia, Smit Raval, Yashdeepsinh Chudasama and Kadia Krutagna.

INTER -COLLEGE

In the tournament in KU, our team won in round 1 against the team 5 Thieves. But unfortunately in the Quarter-finals our team lost against Pocket Sages'. Though our journey in the KU was short, this was our first step towards an inter Esports tournament.

"The team that keeps winning is not the most talented but the most hard-working."— **Zoltan Andrejkovics**



CRICKET

INTRA-COLLEGE

IICC 23 was a huge success in terms of entertainment and in terms of searching young players.

After so many gully cricket tournaments, there was a dire need to organize a full-fledged Cricket Tournament. Then there was introduced Intra IITRAM Cricket Championship as IICC '23. This was a super knockout tournament organized by Dharmil Patalia, Jeel Bathani, Anuj Meet, Panth Patel and Ankit Kumar.

The participating teams were IITRAM legends, Night Walkers, MTech Rock, Royal Strikers, Haveli x Vikings, Faculty 11, JB 11, Gamzineers, Y caps United, Hydra, Ocean 11 and XYP hunters. The first semifinalists were Haveli x Vikings and Gamezineers and the second semifinalists were MTech Rock and Faculty 11. The Final was set between MTech Rock and Gamezineers.

There was also a girls match between the Ninja's and Offpitch. Ninja's won the match by 5 runs. The woman of the match was Shatakshi Singh.

The winner of the final of the boys were the unbeatable Gamzineers. The player of the tournament and best batsman was awarded to Panth Patel with 120 runs and 7 wickets. The best Bowler was awarded to Jeel Bathani with 8 wickets. The highest score was done by the first year team, IITRAM legends, 123/4.



Winners



Runners up



INTER-COLLEGE

“Enjoy the game and chase your dreams. Dreams do come true.”- Sachin Tendulkar

The pre-covid games were not successful for the IITRAM cricket team. The team suffered losses at the tournaments of DA-IICT, PDP, ADANI. But the 2022-2023 was the year of comeback. In the DA-IICT tournament our team has reached the Quarterfinals.

In the GNLU tournament, the team went on to the semifinals. The team won the first match against Anant NU by 6 wickets but unfortunately lost the second match against NMIMS by 4 wickets. But they made a comeback to win against EDII by 6 wickets and with this the team qualified to the semifinals. But in the semifinals, they faced GNLU where our team lost by 32 runs. There are some more matches we won such as against IITGN and IITGN-B at their ground. But our team lost against Ahmedabad University and KSV-A



CARRROM



The Carrom team of IITRAM was quiet for a long period of time but they made a huge comeback in 2022-23. After a struggle of three years, the carrom team of IITRAM returned to the inter college championship. The team consisted of captain Poorna, Suryansh, Vimal and Adarsh. The tournament in GNLU proved to be a very successful tournament for them.

The first match was against the home team, GNLU where they were victorious, securing a 2-0 win over them. In the next match against the Entrepreneurship Development Institute of India, our team continued to shine, dominating the game with scores 19-8 and 20-4. With these they qualified for the final where they faced the formidable DA-IICT team. The final match proved to be an intense and hard-fought contest for IITRAM. Our team fought well but we fell short. The final scores were 8-25 and 7-25, with IITRAM finishing the deserved runners-up.



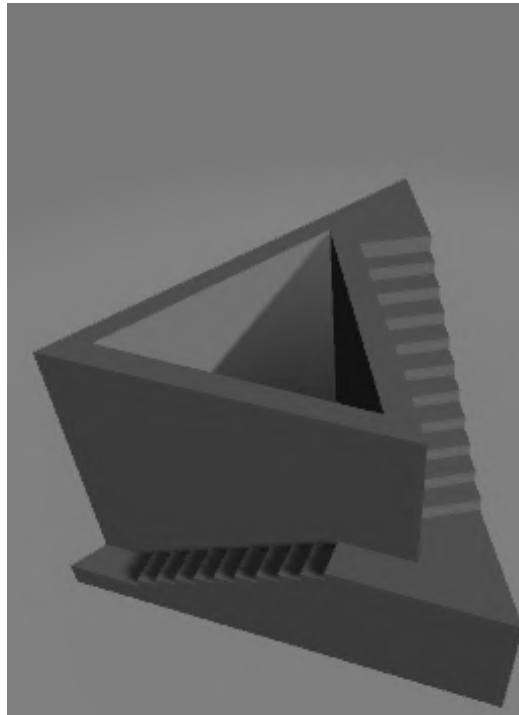
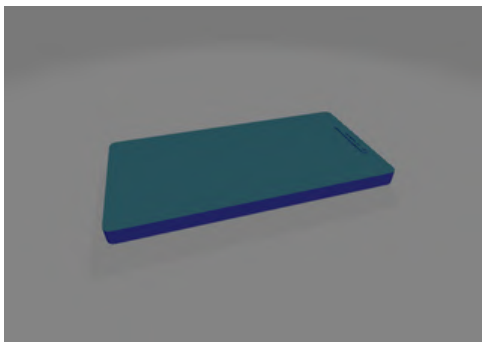
KABADDI



Robotics and Aeromodelling



Robotics and Aeromodelling Club (RA CLUB) have been initiated by the students of Mechanical and Electrical Engineering. Our tagline is "Build, Operate, Glide." The club focuses mainly on developing skills in the domain of mechatronics, aerospace, 3d printing, defence, control system, aerodynamics and industry 4.0. The Robotics and Aeromodelling Club shall look forward for bringing some innovations into the current available technologies by performing experiments and research programs under the guidance of faculty and expert professionals.



DESIGN CHALLENGE

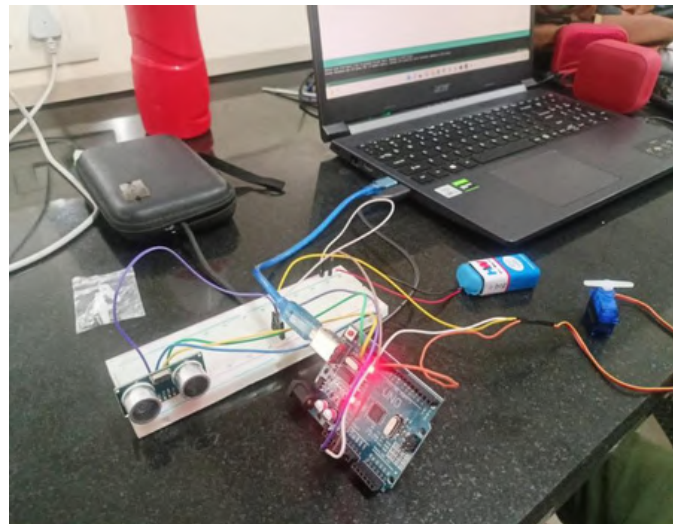
This event aimed for challenging the 3D modelling skills of the club members and to develop the creativity by out of the box thinking. Best Models were made by Gopika and Harshraj for modelling innovative Pen Stand and Model of Mobile and those models will be 3D printed using DOBOT M1 Robotic Arm.

The event was a great success, and the club members showcased their excellent 3D modelling skills. Gopika and Harshraj created outstanding models that demonstrated their creativity and out-of-the-box thinking. The innovative Pen Stand and Model of Mobile were the best models of the event.

INTRODUCTION TO SENSORS – ULTRASONIC, IR SENSORS AND ARDUINO BOARD

Aimed for understanding of different sensors and learning of calibration of sensors.

1. Gain knowledge of various types of sensors and their applications.
2. Understand the importance of sensor calibration for accurate measurements.
3. Learn about the different methods and techniques for sensor calibration.
4. Understand the impact of environmental factors on sensor performance.
5. Learn how to troubleshoot and diagnose sensor issues.
6. Gain practical experience by working with different sensors and calibration tools.





SMART DUSTBIN

Group Project divided into 2 teams – Mechanical Team for Making the Dustbin using Cardboards and Electrical Team for connections and controlling the motors and sensors. It consists the use of Ultrasonic Sensor for Nearby object detection and Servo Motor Mechanism for smartly opening the lid in coordination with the sensor.

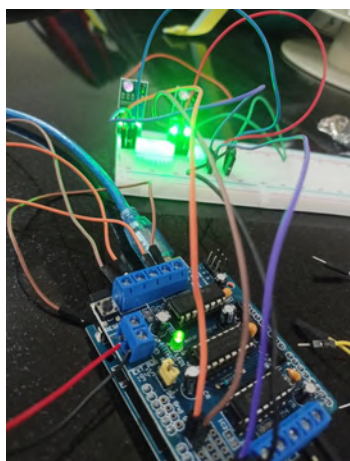


REMOTE CONTROLLED CAR WITH REVERSE MECHANISM

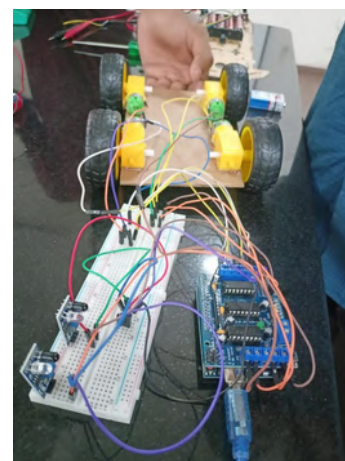
Group Project which aimed for making and operating the Car using Single Channel Transmitter. In this group project, we focused on designing and building a car that could be controlled using a single channel transmitter. The objective was to create a fully functional and efficient car that could move in all directions. We also aimed to create a user-friendly interface that would allow anyone to operate the car with ease. Our team worked collaboratively and utilized our individual strengths to ensure the success of the project. Through careful planning and execution, we were able to create a car that met all of our design specifications and performed exceptionally well.



STREET LIGHT CONTROL BASED ON RC CAR MOVEMENT.



The basic idea of the project was to turn on the Street Light when a Car passes and turn off the lights when Car is not in the Vicinity. Consisted of RC Car in which it was mounted by Ultrasonic Sensors driven by BO Motors. The whole setup was controlled using Arduino Board and Motor Driver. This project aimed to create an efficient and eco-friendly way of lighting up the street. By using ultrasonic sensors and an RC car, the street lights can be turned on only when a car is present, saving energy and reducing light pollution. This innovative solution not only saves energy but also helps to increase safety on the road by providing better lighting when it is needed most.



Coding Club

The journey of Coding Club IITRAM began with an astute observation of the surging demand for coding skills across industries and a noticeable absence of a coding culture within our college. There was a lack of accessible platforms for aspiring coders to learn and collaborate effectively. This realization sparked a need for a supportive community that could serve as a bridge offering valuable opportunities for individuals to enhance their coding abilities.

Objectives:

- Promoting excellence in computer science education and practice.
- Advocating for the development and exchange of relevant knowledge through Industry Partnerships.
- Fostering technical and collaborative skills for Hackathons and Innovation Challenges
- Creating a forum for interaction among students of the institute Implementing various campus programs like GDSC Ms ENGAGE etc.
- Helping students prepare for IT companies and competitive coding events.





Guest Speaker Sessions:

We invite accomplished professionals from the tech industry to share their insights and experiences with our club members. Recently, we had the privilege of hosting Sameer Sekhar from Samsung, who shared valuable expertise. Our club coordinator and core members conducted an interview, delving into the guest's journey, strategies for cracking interviews, and sources of motivation during challenging times. Following the interview, students had the opportunity to ask specific questions, gaining invaluable knowledge from the guest speaker.

EAT CODE AND REPEAT !



Web Development Competition:

Coding Club IITRAM recently hosted an exhilarating web development competition, adding an exciting twist to our lineup of workshops and coding contests. Participants were invited to unleash their creativity and development skills by crafting captivating websites exclusively for our club. There was a tie for first place between Team Encoders consisting of (Uday Dhokia and Devyanshi Goswami) and Kashyap Thakral. The second place of web development competition was given to Team binary coders consisting of Jayesh Belsare and Urmit Gajjar. Trophies were presented to the winners as a recognition of their achievements, and they were featured on our Instagram page. This well-deserved recognition not only celebrates their achievements but also inspires others in our thriving coding community.

Head-On Coding Battle:

The club hosted an exciting head-on coding battle that fostered a spirit of friendly competition. Participants compete with each other, striving to advance to the next round. Participants were challenged to solve problems and code them within a given time limit. Uday Dhokia was the winner whereas Siddhart ended with runner up.





AVISH

A Melodic Journey,
unveiling the Harmonious
Vibe of IITRAM's Cultural
Chapter

In the enchanting realm of IITRAM, where the walls reverberate with knowledge and curiosity, there exists a magical dimension called AVISH - an oasis of artistic expression, camaraderie, and a profound appreciation for Indian culture. With over 30 active members and many more who benefit from the activities, AVISH offers a variety of opportunities, be they of any kind or level of proficiency. Here, Venturing through the pages, unravelling the enchanting tale within we bring you the essence of AVISH, to your fingertips, where music becomes the universal language, and art transcends boundaries.

AVISH, the cultural chapter of IITRAM, possesses the alchemic ability to bring words to life and emotions to the front. Created by the ingenious trio of Ipsita Sengupta, Raghav Tandon, and Animesh Rathi in 2017, this enchanting journey began with modest jam sessions, sowing the seeds of artistic passion in the hearts of young minds. Under the auspices of the techno-cultural festival 'Eunoia,' AVISH unveiled its grandeur for the first time with the event, namely, MALHAR, a celebration of art, music, and human connection. AVISH served as a conduit for artistic souls to showcase their creative brilliance, transforming the campus into a vibrant tapestry of colours and emotions. Since then,

AVISH embarked on an incredible journey, and ever since, it has soared to greater heights, blossoming into the pulsating cultural epicentre of the campus. Over the years, it has lovingly nurtured talents and kindled a profound appreciation for the rich artistic heritage that thrives within the diverse and distinguished student crowd. With unwavering determination, the team has amplified its efforts, filling the campus with the vibrant energy of its events, meticulously divided into general, flagship, and collaborative categories.

"When Words Fail, Music Speaks"

- Hans Christian Andersen

EUNOIA:

Opening the curtain on the symphony of AVISH, the first showdown.

Memories of college days often begin with the enjoyment it brings when everyone is engulfed in their studies to make their dreams come true. As the time went by, IITRAM now has created an eminent position in the fields of research, innovation and technology. But what about culture, art and yes, ecstasy of student life? In the year 2018, an intra college fest was organised to enhance the talents in field of culture and art. And fulfilling the need of gusto in the atmosphere of IITRAM.

Eunoia was an intra-college festival organised by students of IITRAM, in the year of 2018. The meaning of 'Eunoia' being the most beautiful thinking indeed suggests the enthusiasm of students in bringing their ideas together for the celebration of knowledge. The fest presented a stage for various kinds of talents, leading to its success.

Inspired by succession of Eunoia, a fire was set among the later batch of students to unleash their imagination and add another chapter of Eunoia 2.0 in the book of IITRAM.

Eunoia 2.0 was a carnival of ideas and long haul not only for students but also for faculty members to exhibit their compelling innovations and ideas. Thus, the gap between teacher and student as well as connectivity between upperclassmen and freshmen was bridged by the exchange of knowledge. Since freshman year were rookies, it was set before REPERTUS to have them a glimpse of technical events. This not only laid an opportunity of technical exposure but also have them learn in fascinating ways. Being the aspiring engineers of future, consistent polishing of skills is one important thing but working with others for the same work is another most important thing where for its teaching the event played a significant role.



As days proceeded to event, life at IITRAM became a cycle of acknowledgment and development of individual works with hue of culture. A legacy set by the hardships of alumni of IITRAM, a torch once ignited is still lighting the lives of students of the institute. It is valuable and is carefully passed on later batch of students to inspire their juniors with the fire that has kept them warm with brotherhood and acknowledgement. Thus, to carry the legacy forward.



Eunoia 2.0 was vivid as it conducted various events like exhibition, preaching session, competitions, cultural evening and loads of fun activities, apparently not missing a single interest of students. Industry 4.0 outlines the rapid change to technology, industries and processes in 21st century due to increasing interconnectivity and smart automation. Also termed as 4th industrial revolution and something important for students to be aware as the era is already is busy in playing its role towards it. Under the supervision of faculty co-ordinator and student co-ordinator, a workshop was conducted in seminar halls as well as in MSW WORKSHOP. It was proved to be fruitful as students were introduced to industrial area of engineering. An introduction of Staad Pro was done for students. It stands for Structural Analysis and Designing Program and is one of the widely used application for analysing and designing structures. Session was sketched in such a way that even students with no knowledge of the software got a chance to develop a new skill for their future works.





But fest being all about learning eventually turns out to be boring. Fest is meant for students. For them to step out from the crowd and show what makes them unique. Taking a note of this, there were numerous competitions held, creating a platform for students. Competitions focused on how innovative and quick witted a mind can be. One such competition followed the theme: SPIFF (Sustaining Present Infrastructure for Future) where students were given a problem and were asked to prepare a model being the practical solution. The problems were based on real life engineering problems. This led rails for the next competitions which was based on creation of 3D model out of a given object. It was meant to test how students will be able to apply CADMAX in real life. As automation is becoming a trend nowadays, another rivalry during competitions was meant to be fought with robots. Students were given a robot with 5 IR sensors and team was asked to code a robot that it follows a particular trajectory. Some won and some didn't but everyone while working on robot learned so many things that they never knew. And lastly series of competitions were concluded by 'Best out of Waste'. Sounds like something from middle school but no it wasn't what it sounded coz the waste material was metal. And this way all the competitions were ended on the good note.

Eunoia 2.0 was also meant for faculty. Following event was the exhibition by faculty of the very own institute with devices they have been developing and researches they have been working on. This was the time when students employed themselves in their favourite subjects under the respective faculty. This help students to expand their knowledge. In this whole process of learning, there were numerous fun activities going on throughout the event. Quiz specialised on topics such as history, mythology and sports; dumb charades of advertisement rather than of movies; a technical treasure hunt for students to code get the clue; counter strike for gamers of IITRAM; justice makers for debates specialists; Chitrakala for artists; Techno Lens for Farhans of IITRAM and solving of puzzle engaged a significant crowd for them shines in their respective hidden talents.

But what now? There is something that is remaining. Culture. WIMS: World Is My Stage, entered the room. Bringing out the stories in form of drama on stage. A thoughtful stage-play was presented to audience. But only one event? No, definitely not. Mehfil-E-Shaam was the highlight for poets, conveying their ideas in form of literature. Indeed, turned out to be beautiful than expected. The event was then concluded on musical note of Malhar 2.0: A Musical Eve. Any occasion feels incomplete until music is brought in. Malhar 2.0 was a blend of Indian Classical music with the Western Pop music that not only brought instrumental vibe of culture to the audience but also was thoroughly cherished among the participants with their beautiful live performances.

Eunoia 2.0 was the outcome of students' participation and hard work. Clusters of huge crowds around the campus alive the atmosphere of the institute. As wheel of time is turned and is set in motion, alumni of IITRAM will look back to read the chapter they added while arriving freshman year will read to have the torch passed on to them by their upperclassmen.

Thus, legacy continues.

The Wall Painting-Transforming Walls into Canvases

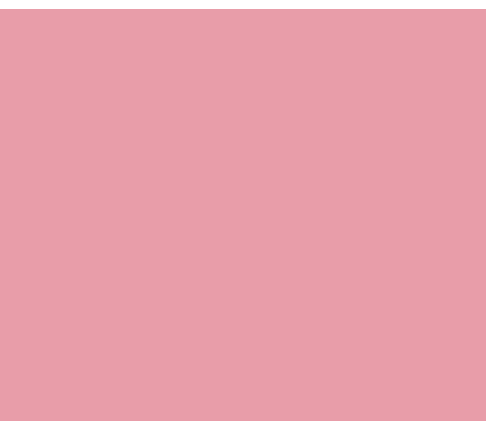
At the beginning of the year 2023, the artistic fervour of AVISH spilled onto the walls of the Music Room, transforming them into magnificent murals. Students from various disciplines collaborated, unearthing their artistic prowess. The Music Room's three walls were adorned with diverse themes, including Western, Dance and Drama, and The Classical Wall. A significant number of students and AVISH members embraced a profound sense of belonging and pride, revelling in the celebration of their collective talents.

KALAKRITI: The Art Conclave

Under the banner of G20 activities, KALAKRITI emerged as an artistic conclave, offering a platform for art enthusiasts to showcase their talents, learn, and connect with fellow budding artists. Drawing, Rangoli, and Handicraft competitions graced the event, with themes such as Climate Change, Sustainability, and Renewable Energy being passionately embraced.

KOLAAHAL: The Talent Bizz

KOLAAHAL proved to be a mesmerizing journey, with performers taking the stage one by one to display their talents in Dance, Music, Instruments, and Enacting captivating plays. The event achieved resounding success, witnessing enthusiastic participation. The participants received well-deserved recognition and admiration from their peers and faculty members. Managing the sizable footfall required rigorous efforts from the team, granting students and AVISH members valuable insights into event planning, networking, and communication.



General events

Republic Day and Independence Day Celebrations

A Rhapsody of Patriotism and Creativity When the nation adorned itself with the colours of patriotism, AVISH, since its inception has orchestrated a mesmerizing symphony of music, poetry, and speeches on Republic Day and Independence Day, every year. These events transcend mere celebrations, with performances that delve deep into the pulse of India's past and present.

Teachers' Day: A heartfelt Gratitude

Students of Batch 2021-25, organized a heartwarming celebration of Teachers' Day of the year 2022. In this hearttouching event, students bridged the gap between themselves and their professors, taking them on a nostalgic journey, reminiscing the golden moments of their college life.



Collaborative events

Celebration Week

As part of the Celebration Week organised by another dynamic club, the NEST club, which takes place annually between January and March, AVISH added its charm to one of the days by hosting a traditional-themed open mic event. During this delightful occasion, students adorned themselves in traditional attire and showcased their musical talents, evoking the essence of India's rich cultural values. The air was a buzz with excitement as performers and audience members gathered for an evening filled with nostalgia and celebration, leaving everyone exhilarated by the experience.



In their pursuit of noble causes, we wholeheartedly believe in the potential of AVISH and eagerly anticipate the realization of their aspirations. As Plato eloquently said, "Music is the only language in which you can say the most important things without saying anything at all." AVISH embodies this profound sentiment, using music as a powerful means to bring positive change, create harmonious connections among all and to help find a realm where dreams harmonize with reality, creating an everlasting melody that shall resonate for generations to come.



"You don't take a photograph, you make it."

~Adam Ansel

A P E R T U R E



"The Journey Within : Embracing Doubts & Trusting the Path"

No Crowd, yet it brings anxiety, adding to your confusion,

And the moment you finally knew where you're going, doubts strike in profusion.

"Am I in the right place?" you ask with doubt, Perhaps it's not the right time, and you feel left out.

Whichever way you're going, with a crowd or none.

So, stand still and keep your faith undeterred, What truly matters is that you know your preferred.

The destination may seem far, but you'll find your way,

With clarity and purpose, you'll seize the day.

~ Shristi Sharan

In Bengali literature, evening is regarded as the time of expressing grief.

People walking under the twilight sky, with thoughts in their heads, conundrums initiating chaos in their mind, thoughts of people whom they have lost with or without saying a goodbye, an uncertain future which they fear or a past they can't forget or the present slipping out of their grip.

They try to find answers in their own eyes, they know the eyes don't lie, but the drizzling rain makes their reflection in the puddle fuzzy. They can't see themselves, and the question finally stumps them.

~ Shubhodeep De



In this captivating photograph captured in the pol (small narrow streets) of Ahmedabad, two distinct worlds collide, telling a poignant tale of contrasting lives and the privileges we often take for granted.

Pols are often narrow streets adorned with colorful houses, traditional architecture, and blooming flowers. Children play joyfully, their laughter echoing through the narrow alleys. Elderly folks engage in warm conversations, sharing stories of times gone by. This part of town embodies a tight-knit community, where simplicity and human connection reign supreme.

~ Malhar Solanki



During early morning hours in the farm, hungry nestling are waiting with open beak for food. Chicks have a pale pink body and little to no features.

They are calling their parents in a pretty and energetic sound that "feed me." A parent bird finds food and provides it into a big beak opening. All the babies are fed equally by their parents. It shows the paternal love of a healthy and happy bird family.

~ Hingrajiya Harshil



"When a dragonfly flutters by, you may not realize, but it's the greatest flier in nature."
"Despite its dark veins, the transparency of dragonfly's wings assures me of a pure, innocent world. We often seek colorful and bright elements in nature, but we tend to overlook the classic and valuable beauty of transparency. Just like the gleaming wings of a glider, transparency in life holds its own allure."

~ Fenil khunt

Feelings and thoughts - Sometimes the double vision may enhance our perspective or remaster the view just like putting filters on our photos.

Being a railfan I personally feel train's wheel sound very soothing or ASMR ,and the scenario forced my mind to forget all things and thought process stop for few second , it was the same feeling as we feel when we ring the bell in the temple , maybe a bell rang in my heart .

~ Kushagra Gupta



In the monsoon struck streets of Panaji, a stray dog poses for a portrait. The colors on the wall resemble how southern European regions are portrayed in popular cinema, which is apt as the culture of Goa is heavily influenced by the Portuguese. The dog is named Pablo, for very obvious reasons.

~ Adityarajsinh
Jadeja



"Every canvas is a journey all its own".



Lord Ganesh

This painting elucidates as if Lord Ganesha has done a mischief and is now sitting cluelessly when his mother, Goddess Parvati arrives.'

~ Snehal

Lotus Serenity

"Lotus Serenity" is my captivating recreation of an artwork, brought to life on A2 size paper using vibrant acrylic paints. In this piece, I carefully portrayed a woman, her presence captured to her chest, gracefully holding a lotus flower. Through her beautiful unmoving expressions and captivating gaze, I aim to evoke a sense of tranquility and serenity in the viewer. Inspired by the works of renowned artists, I meticulously recreate their vision while infusing it with my own unique style and interpretation. Every brushstroke is thoughtfully applied, breaking life into the artwork and inviting viewers to immerse themselves in its beauty. The lotus flower, with its intricate details and vibrant colors, takes on a symbolic meaning of purity and enlightenment. By skillfully balancing light and shadows, I create depth and dimension, inviting viewers to join me in this mesmerizing experience of "Lotus Serenity".



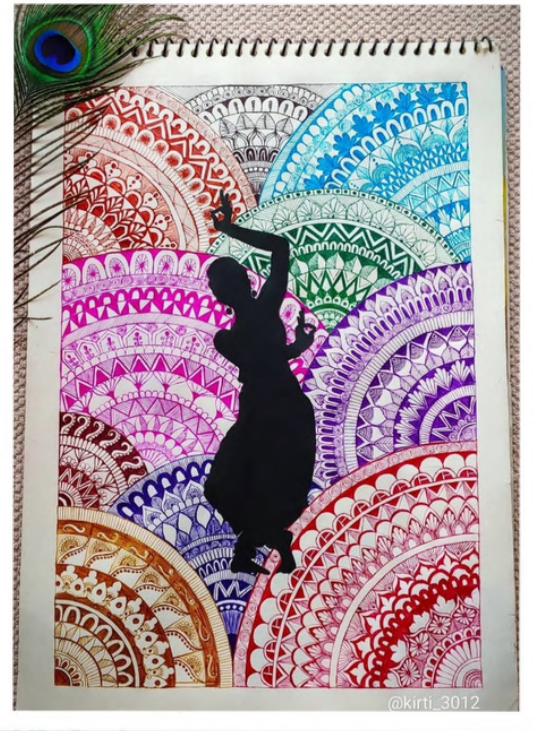
~ Preksha Sharma

Mandala-Kathak Fusion and Mandala art

The combination of mandala and Kathak drawing can evoke several profound thoughts and interpretations. Here are a few possible concepts and themes that arise from this fusion:

Expressing Inner Journey: Mandalas are often used as tools for meditation and self-reflection, while Kathak is a means of storytelling and emotional expression. The combination drawing can serve as a metaphor for the inner journey of the dancer, exploring personal growth, self-discovery, and emotional transformation through the art of Kathak within the meditative realm of the mandala.

Unity and Balance: Both mandalas and Kathak embodies the concept of unity and balance. Mandalas represent wholeness and the interconnectivity of all things, while Kathak focuses on harmonizing movements and rhythms. The combination drawing symbolizes the harmonious blending of these two art forms, creating a visual representation of unity and balance.



~ Kirti Maru



~ Shreshth Kamal

Vanilla Dreams

"Vanilla Dreams" materializes as a hyper-realistic 3D marvel. Meticulously crafted, it transcends imagination, bewitching with lifelike illusions. Creamy vanilla and chocolate swirls intertwine, evoking joy and wonder. This masterpiece captivates, immersing in a sweet dream where art enchants.

David (Michelangelo)

David is a masterpiece of Italian Renaissance sculpture, created from 1501 to 1504 by Michelangelo. With a height of 5.17 metres (17 ft), the David was the first colossal marble statue after antiquity, a precedent for the 16th century and beyond.



~ Harsh Vara

ALUMNI'S EXPERIENCE AT IITRAM

Mechanical



Vivek Joshi
B. Tech. Mechanical Engineering 2014 - 2018
Automation Engineer,
Tesla Motors, USA

During my time at IITRAM, I was eager to pursue MBA degree after completing my B.Tech. driven by a passion for business and a desire to expand my skill set. Despite my rigorous academic pursuits, I still found time to enjoy the vibrant club life on campus. These experiences allowed me to unwind and connect with my peers, helping motivate me for my future endeavors. My time spent in clubs and extracurricular activities helped me to develop leadership skills, gain practical experience, and build relationships that would prove valuable later in life. Overall, my college days was marked by a balance between rigorous academic pursuits and enjoyable social experiences, both of which contributed to my personal and professional growth.



Tarun Rijwani
B.Tech. Mechanical Engineering 2016 - 2019
Managing Director,
Rudrabots Pvt. Ltd.

IITRAM has provided me with numerous opportunities to advance my technical skills, participate in research and innovation, and expand my professional network. Academic coursework is demanding but rewarding, providing a solid foundation in math, science, and engineering principles. Additionally, the support for entrepreneurship and start-ups such as mentorship programs, pitch competitions, access to funding and incubation space is meritorious. Overall, my time at IITRAM was exciting and full of opportunities for personal and professional development.



Tanmay Pancholi
B. Tech. Mechanical Engineering 2018-2022
Co-Founder & CTO,
QOPTO Technologies Pvt. Ltd.

Since I came from Vadodara, this institute for me always stood as a home away from home where I got an entire team of highly qualified faculties alongside the lifelong hostel memories. The support and guidance that I got here, got me through my entire BTech career; may it be faculty, staff or friends. The SSIP Cell at IITRAM boosts up all the Tech savvy minds and helps them direct their idea towards a product, which in my case turned out as me being a Director and CTO (Chief Technology Officer) of the drone-tech startup which was initiated at SSIP which now is a Private Limited company.



Shreyansh Shukla
B.Tech. Mechanical Engineering
2014-2018

Deputy Executive Engineer,
Government of Gujarat
Ex-Scientific Officer,
Department of Atomic Energy,
Govt. of India

IITRAM provides excellent platform to prepare for almost any type of future endeavours, be it competitive examinations for govt jobs, start up, Research, higher studies from premium institutes and many more. Expert faculties from all the fields are available to guide you towards your goal. IITRAM also provides state of the art equipments for to enhance your skills in latest technology. I feel very lucky and blessed to be part of this institute.



Shre Soni
M. Tech. Mechanical Engineering
2016 - 2018

Assistant Municipal Commissioner,
Ahemdabad Municipal Corporation (AMC)

As an alumnus of IITRAM, I might reflect on my days in college with a sense of fondness and nostalgia. Looking back, I may remember the passion for learning that fuelled my studies and the strong support I received from my professors. I may also recall the opportunities for personal and professional growth I gained through participating in clubs and extracurricular activities. These experiences helped shape me into the person I am today and set me on a path toward future success.

Additionally, I may reflect on the unique challenges and opportunities that come with studying at an institution like IITRAM, with its emphasis on innovation, research, and entrepreneurship. The education, I received at IITRAM, may have given me a distinct advantage as I launched into my career, and the relationships I formed with classmates, professors, and alumni may continue to provide valuable networking opportunities and support. Ultimately, I may look back on my college days with a sense of pride and gratitude, grateful for the education, experiences,



Bhavin Shah
B.Tech. Mechanical Engineering
2015-2019

Account manager, Amazon Inc.,
USA

IITRAM has been an exceptional incubator to young students like us for a holistic development. It has provided me an opportunity to partner with researchers worldwide and helped me hone my analytical thinking which later helped me in my MBA journey. It's COE has provided us an edge over other students PAN India



Harsh Jadhav
B. Tech. Civil Engineering
2016-2020

GICEA Gold Medalist,
M. Tech.,
Civil Engineering

Coming from a small town to University, I knew that my experience at the University will change my life. IITRAM has not only helped me in my education but also in building a good personality. These four years of engineering are a precious part of my life. I would like to thank IITRAM for giving me a lot of values, morals and maturity along with engineering degree.



Himmat Singh
B. Tech. Civil Engineering
2013-2017

Founder and CEO of
Photon Technologies Pvt. Ltd,

As a proud alumnus of IITRAM, I wanted to take a moment to express my gratitude for the incredible education and experiences I received during my time at the university. I have many fond memories of my time at IITRAM. The campus environment was always vibrant and lively, and the student body was diverse and passionate. The academic curriculum was rigorous and challenging, but I was always supported by the caring and knowledgeable faculty who taught me. The wide range of extracurricular activities offered me opportunities to develop my leadership and social skills, and to explore my interests beyond the classroom.



Raj Bhaviskar
B.Tech. Civil Engineering
2017-2021

Measuring Technician,
EagleView India Pvt. Ltd.

A person grows a lot during his college time. My four years at IITRAM were short but filled with all sorts of experiences. IITRAM surely has a very rigorous curriculum which inculcates a technical mindset in every student. But it also provides many other opportunities where its students can work on things from scratch which really helps in personal development.

I have met some really special people here whom I can never forget, whether it is the faculty, my batchmates, seniors, or juniors. Each one of them have taught and inspired me in numerous ways. I look back on my time there with great fondness and gratitude.



Vatsal Shah
B. Tech. Civil Engineering
2014-2018

Deputy Executive Engineer
Departments of Roads & Buildings,
Government of Gujarat.

As a proud alumnus of IITRAM, I wanted to take a moment to express my gratitude for the incredible education and experiences I received during my time at the university. I have many fond memories of my time at IITRAM. The campus environment was always vibrant and lively, and the student body was diverse and passionate. The academic curriculum was rigorous and challenging, but I was always supported by the caring and knowledgeable faculty who taught me. The wide range of extracurricular activities offered me opportunities to develop my leadership and social skills, and to explore my interests beyond the classroom.



Rohan Kumar
B. Tech Civil Engineering
2017-2021

M.Tech Environmental Engineering,
NIT Surathkal.

Attending IITRAM was a truly transformative experience for me. The rigorous academic curriculum challenged me to think critically and creatively, while the diverse student body and faculty enriched my understanding of the world around me. I felt supported and encouraged to pursue my passions, both inside and outside the classroom. The skills and knowledge I gained during my time at IITRAM have played an instrumental role in my career and personal life. I credit the college for providing me with the foundation to succeed in my field and to contribute meaningfully to my community. I am also grateful for the lifelong friendships and connections I made while at IITRAM, which have continued to be a source of support and inspiration for me.



Priyanshi Soni
B. Tech. Civil Engineering
2017-2021

Junior Engineer- Revit
IMEG Corporation

It has been a good 4 years. Especially the guidance of our professors has helped to grow our personalities and knowledge. Final year project and our professors have provided us with the best opportunities and knowledge despite COVID. I also got placed through Campus placement. One suggestion will be to expand the campus and provide better spaces for students. It has been good experience overall.

Electrical



Manish Kumar
B.Tech Electrical Engineering
2015-2019

FPM,
IIM Indore

As an alumnus of IITRAM, I can confidently say that my experience at this institute has been truly transformational. The faculty and staff are extremely supportive and dedicated towards ensuring the success of their students. The curriculum is designed to not only enhance your technical skills but also develop your personality and critical thinking abilities. The exposure and opportunities provided during my time at IITRAM helped me greatly in shaping my career and achieving my professional goals. I am proud to have graduated from an institute with such a bright future ahead and wish all the students the very best for their future endeavors.



Amit Kumar
B. Tech. Electrical Engineering
2013 - 2017

Assistant Manager,
Power Grid Corporation of India,
Govt. Of India

I had a great time during my B.Tech days at IITRAM, and I enjoyed the experience immensely. One of the highlights of my time at the college was the support that I received from my professors. They provided me with valuable guidance and advice, helping me to navigate the challenges of my coursework and providing me with opportunities for personal and professional growth. Their encouragement and mentorship played a significant role in my academic success, and I felt grateful for their unwavering support. Overall, my time at TRAM was marked by the enjoyment of my college experience and the strong support I received from my professors.



Kuldeep Modh
B. Tech. Electrical Engineering
2013-2017

Manager (Strategy & Operations)
ShareChat

As an alumnus of IITRAM, I can confidently say that my experience at this institute has been truly transformational. The faculty and staff are extremely supportive and dedicated to ensure the success of their students. The curriculum is designed to not only enhance your technical skills but also develop your personality and critical thinking abilities. The exposure and opportunities provided during my time at IITRAM helped me greatly in shaping my career and achieving my professional goals. I am proud to have graduated from an institute with such a bright future ahead and wish all the students the very best for their future endeavors.



Kirtan Doshi
B. Tech. Electrical Engineering
2013-2017

Program Manager,
Adani Ports & SEZ.

I attended IITRAM and was filled with enthusiasm for learning during my college days. I eagerly immersed myself in my studies, taking advantage of the numerous educational opportunities offered by my institution. I was motivated by the chance to acquire knowledge and develop my skills, constantly seeking out new challenges and opportunities to grow. My passion for learning was evident in my dedication and hard work, as I consistently strived to excel academically. Overall, my time at IITRAM was marked by my love of learning and my drive to succeed in my studies.



Ipsita Sengupta
B. Tech. Electrical Engineering
2017-2021

Recipient of the Femtec Scholarship
for the academic year 2023-24.

Attending IITRAM was a truly transformative experience for me. The rigorous academic curriculum challenged me to think critically and creatively, while the diverse student body and faculty enriched my understanding of the world around me. I felt supported and encouraged to pursue my passions, both inside and outside the classroom. The skills and knowledge I gained during my time at IITRAM, have played an instrumental role in my career and personal life. I am grateful for the lifelong friendships and connections I made while at IITRAM, which have continued to be a source of support and inspiration for me.



Dr. Harsh S. Dhiman,
Ph.D. Electrical Engineering
2017-2020

Assistant Professor,
Dept. of AI & ML,
Symbiosis Institute of Technology.

I joined IITRAM in the month of August 2017 to pursue my doctoral studies in the Department of Electrical Engineering. Initially, I was skeptical about my decision to pursue Ph.D., having just completed my master's degree six months back.

However, the friendly attitude of the faculty members and supportive administrative staff ensured my smooth transition to the learning process. I am grateful to my Ph.D. supervisor, Prof. Dipankar Deb who has nurtured and fostered niche academic and research traits in me. TRAM has not only provided a perfect research environment but also has given me lifelong friends too. I am grateful to the Director General, Director, Registrar, and all my faculties for providing the necessary support to our doctoral candidates. I wish the incoming doctoral candidates all the best for one of the most memorable journeys of their life



The Rising Era of Intelligent Machines

One of the most profound factors transforming our world today is the emergence of intelligent machines. The fields of artificial intelligence (AI) and machine learning (ML) are both in the midst of fast technological development and are already significantly influencing our daily lives. AI is revolutionising our lives and workplaces, from self-driving vehicles to face recognition software.

The earliest attempts to investigate the idea of building computers that might think for themselves date back to the 1950s, when AI first emerged. But it wasn't until the 1980s that improvements in computer hardware and software really started to propel AI research forward. Because of the accessibility of vast amounts of data and the advancement of new machine learning algorithms, there has been a recent upsurge in interest in Artificial Intelligence (AI).

Healthcare, finance, transportation, and manufacturing are just a few of the industries that are now using AI and ML. For instance, AI-driven medical gadgets are used to identify illnesses, while AI-driven financial trading algorithms improve market efficiency. Self-driving vehicles, which have the potential to change how we travel about completely, are now being developed in the transportation industry. Furthermore, AI is being applied in manufacturing to automate processes and enhance quality assurance.

The advantages of AI are almost endless. AI-powered machines are capable of carrying out laborious or hazardous jobs more quickly and accurately than humans. desired results, the agent receives a reward; for acts that result in undesirable consequences, the

agent receives a punishment.

The agent eventually learns to operate in a way that maximises its rewards. AI can assist humans in making judgements by analysing vast volumes of data and seeing patterns that would otherwise go unnoticed by us.

Generative adversarial networks (GAN), which will revolutionise the realm of content production with its ultimate potential, are one example of how one might explore the power of AI and ML. A sort of machine learning model called generative adversarial networks (GANs) may be utilised to produce imaginative and realistic material. GANs operate by training a generator and discriminator networks against one another. The discriminator network determines if the data is real or fraudulent, while the generator network is in charge of producing new data.

The two networks get increasingly adept at their separate duties as they practise. The discriminator network gains the ability to more precisely discern between genuine and false data, while the generator network gains the ability to produce data that is ever more realistic. There are many other types of material that have been produced by GANs, including text, photos, and even music. They have been used to produce photosimulative pictures of people and things that seem just like genuine photographs. They have also been utilised to develop fresh, imaginative, and attractive forms of music and art. Another powerful weapon of AI and ML is Reinforcement Learning. A kind of machine learning called reinforcement learning (RL) teaches an agent how to act in

desired results, the agent receives a reward; for acts that result in undesirable consequences, the agent receives a punishment. The agent eventually learns to operate in a way that maximises its rewards.

Using RL, complicated tasks may be learned that are challenging or impossible to master using conventional machine learning techniques. For instance, RL has been used to teach agents how to master superhuman chess and go skills. It has also been used to create novel medications and train agents to manage machines and financial trading methods.

In recent years, we have seen some truly amazing advances in these technologies, such as the development of large language models (LLMs), which made possible chatbots like Chat GPT and Google Bard, which are evolving day by day and enhancing their capabilities. The next recent trend in the AI and ML field is evolution.

of perception algorithms like the Segment anything model (SAM) and Visual transformer models like DINO. Transformer models are revolutionizing as it gives machines the capability of attention.

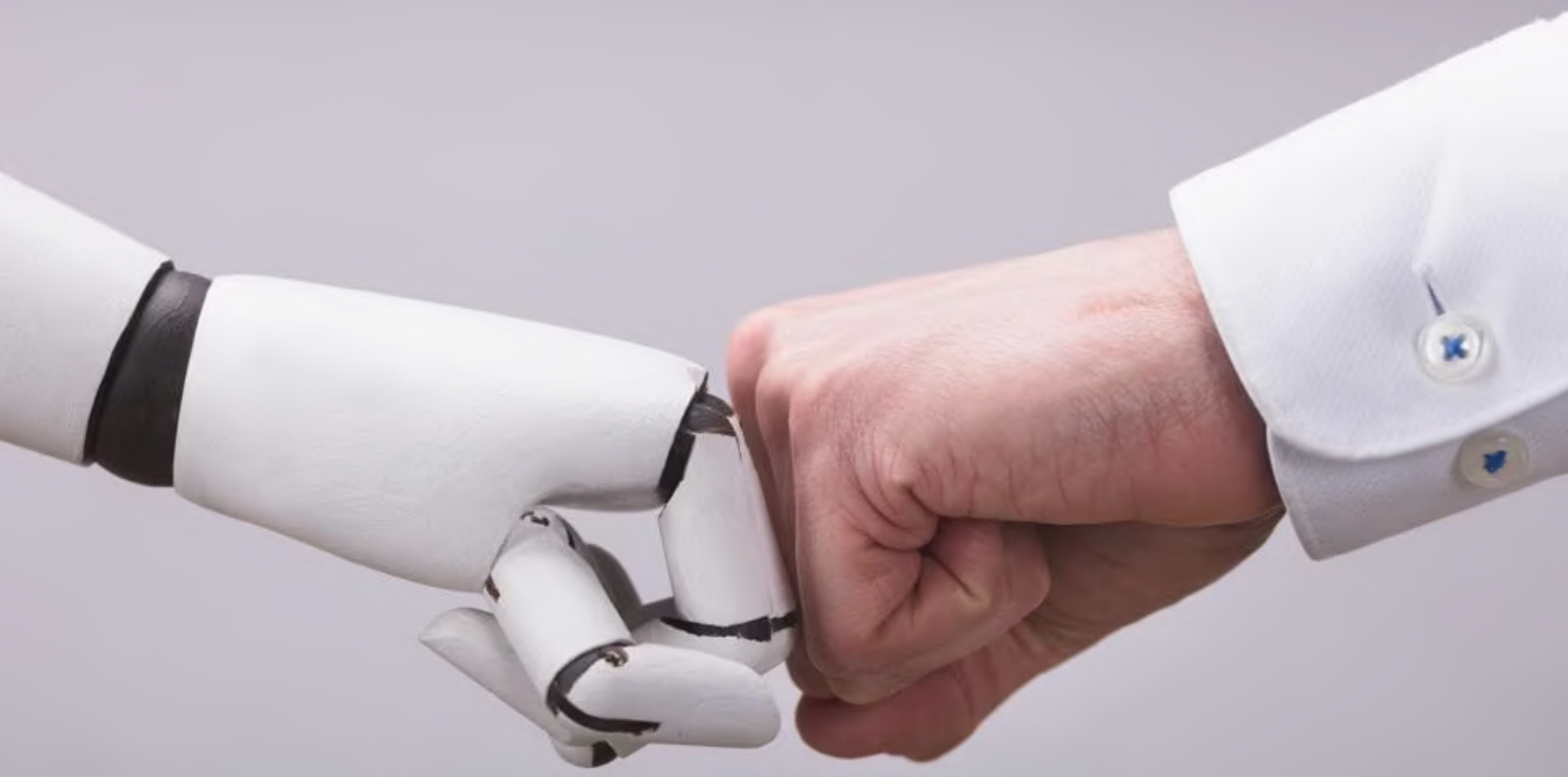
However, there are also potential risks associated with AI. Some experts worry that AI could eventually become so intelligent that it surpasses human intelligence, leading to a scenario known as "Artificial General Intelligence" (AGI). AGI could pose a threat to humanity if it were to become hostile or if it were to cause harm accidentally.

It's critical to keep in mind that AI is still an emerging field of study. About its potential and boundaries, we are still learning. As AI develops further, it is crucial to have frank conversations about the risks of this tremendous technology.

~Victor Azad



"Artificial intelligence is no substitute for human intelligence, it is a tool to amplify human creativity ingenuity."





Embracing the Distance, Igniting the Flame: The Unbreakable Love in My Long-Distance Relationship with My Parents

Embarking on a journey of higher education, I found myself immersed in the excitement and challenges of a new chapter in my life. Alongside my own growth, my parents embarked on their own path of sacrifice and emotional resilience in our long-distance relationship. In this heartfelt account, I reflect on the profound connection I share with my parents, illuminating the strength of their love amidst the hardships they endure while supporting my educational pursuits.

The Tug of the Heartstrings:

Leaving the nest and venturing into the unknown unleashed a whirlwind of emotions for both myself and my parents. As I embraced new opportunities, they faced the ache of separation, longing for the familiarity of our home. Despite this distance, our hearts remained intertwined, fueled by a deep love that transcended physical boundaries. Their unwavering support became the foundation of my courage, propelling me forward in pursuit of my dreams.

A Tapestry of Sacrifices:

Behind the scenes, my parents silently carried the weight of sacrifices to ensure my educational journey flourished. They embraced financial burdens, sacrificing their comforts and desires to provide me with the resources necessary for success. Their unwavering commitment spoke volumes about their love and dedication. Their sacrifices became a reminder of the boundless depths to which parents go to empower their children's dreams.

Strengthening the Connection

Distance did not sever our bond; instead, it ignited a fierce determination to bridge the gap. Through technology's embrace, we found solace in phone calls, video chats, and chats. These connections were lifelines, providing the comfort of familiar voices and nurturing a sense of belonging, even from afar. In those moments, their unwavering presence and unwavering love inspired me to push through challenges and strive for greatness.

The Weight of Worry:

Parental worry became an anthem that played in the background of our relationship. Their hearts bore the weight of concern, always anxious about my well-being, safety, and adjustment to the new environment. Yet, amidst their worry, they instilled confidence within me, encouraging me to embrace independence and navigate the unknown with resilience. Their unwavering faith in my abilities fortified my own self-belief.

Celebrating Triumphs Together:

Every milestone achieved during my college journey became a moment of collective celebration. Their unwavering pride and joy transformed my achievements into beacons of inspiration. Through their unwavering belief in me, I discovered my own inner strength and determination. Their constant support propelled me forward, reminding me that I was never alone in this transformative journey.

Solicitous fields

The writing stigma of our lives has completely vanished.
Ask the world to ink your tears,
They rub your stain with your blood.
The smiles and shadows kids used to carry are now
under the tree of thoughts.
The leaves there,
Are no more cover but liabilities
The ones silent today, hold the greatest abilities.
Don't underestimate them,
They are scarier.
One who is surviving is also a warrior
Tell the world we won't roam,
Once we all find our home.
The home won't be a house with wood , bricks and
stones,
It will be beautiful with skin, heart and bones.
The chest hugs are now stabbed to me,
I can't have what I own. I hate where I belong.

~Vishakha Shah

In the symphony of my college experience, the long-distance relationship I share with my parents resounds as a testament to the unbreakable bonds of love. Their sacrifices, unwavering support, and enduring presence have fueled my aspirations and kindled the flame of resilience within me. As I navigate the challenges and victories of higher education, their love continues to guide me, serving as a reminder of the limitless power of parental dedication. Together, we embrace the distance, knowing that our connection is etched in the stars and a constant source of motivation and inspiration.

~Garv Anand





The Desire to Persist: Why Does Anyone Do Anything At All?

We are alive. We grow and procreate. But so do the other 8.7 million species of plants and animals on Earth. Then what makes us so different? What are the factors that make us who we are? What makes us Human?

Our capacity to experience sensations and feelings, our capacity for complex reasoning, and our self-awareness are some of the prime reasons that make us human. These factors seem to be the difference between simple beings who are alive and humans. But apart from sentience, rationale, consciousness, and intelligence, there is a desire. A deep yearning that stirs within all of us. This yearning is an all-too-human inclination to be remembered. The deep, primal wish to be commemorated.

A child thousands of years ago leaves a handprint on the wall of a cave. A king, in the hope that his legacy lasts, erects a stone that has his name carved on it. Lovers carve their names on the bark of a tree. An artist paints, a musician composes, an author writes. All of these actions throughout mankind's history have but one thing in common. It is what makes us irrefutably human.

It is the desire to persist. To leave a mark on the world that outlasts our mortal existence is a fundamental aspect of the human experience. From ancient civilizations to modern societies, this yearning to be remembered has shaped our behaviour, our ambitions, and our cultural expressions. In the chronicles of history, we find many examples of individuals and societies striving to create a lasting legacy.

Pharaohs of Egypt constructed majestic pyramids, emperors of Rome built grand monuments, and rulers of various civilizations commissioned artworks and literature to immortalize their deeds and achievements. The thirst for remembrance transcends the boundaries of time and culture. Whether it be through epic tales and mythologies passed down through generations or historical accounts etched into stone tablets, humanity has always found ways to ensure its story endures. All such acts, be they for noble causes or not, happened only because a human tried to transcend mortality. And often, they succeeded.

But the desire to persist is not solely about ego or self-importance. It reflects a profound need for connection and belonging. We want to be remembered not just as individuals but as part of something greater than ourselves—a community, a culture, a species. Through our actions and creations, we hope to weave ourselves into the fabric of human history, leaving behind a thread that connects us to future generations.

Beyond monumental structures and works of art, the desire to persist finds expression in everyday life too. Families pass down stories from one generation to the next, keeping the memory of their ancestors alive. Friends and loved ones immortalize each other in the stories they share and the memories they cherish. The advent of technology has provided new avenues for remembrance, with social media and digital archives

becoming modern-day versions of cave paintings and hieroglyphics.

This quest for sustenance also drives us to improve the world we inhabit. Advancements in medicine, engineering, science, and our understanding of the world are all examples of this. The desire to be remembered extends beyond our names; it encompasses the impact we have on the world and the legacy we leave behind for future humans.

Perhaps it is this very desire that helps foster progress, innovation, and the pursuit of knowledge. This is really why we do anything at all. This magazine and this article are all attempts, although small, to try and be remembered. If only for an instant. The yearning to be remembered may seem like a simple and innate trait, but it has been the driving

force behind some of humanity's most profound achievements.

So, what makes us human? It is not merely our physical attributes or intellect. It is our capacity to dream beyond the confines of our mortality to strive for meaning. The desire to persist, to be remembered, is a defining characteristic that unites us, transcending time and space, and it is to quench this desire that we etch rocks, paint walls, write, fight, build, and create. It would not be unfair to say that it is our responsibility to strive and fight. Not anyone else but ourselves. To keep this desire burning. For living is not merely existing. It is to try and exist beyond our mortal limits. When we do this, fascinating things happen that make us human. The very history of humanity is evidence of this. As long as this desire burns within us, humanity will continue to leave its indelible mark on the world.

~Adityarajsinh Jadeja

Abandoned

Long time after
Maybe after a war
Or an apocalypse
When wind will blow
Watching over the
Beauty of abandoned.
The crumbles of buildings
Where flower managed To bloom
Clocks with their frozen time
As if really stopping the time around
Shattered and lifeless windows
Once alive with lights and people
Now rusting and falling apart
But savoring the sunset
In their lone little space
Nights being pitch black
For stars to make their
Way to grass here on Earth
This magic of abandoned
Resides there in the air until
Wind witnesses a fellow girl
Maybe a long lost traveler
To flicker stones for fire to set
To Kindle a warmth against cold
Wind sadly smiles 'cause
He is not alone anymore.

- Divya Pandor





Mastering the Art of Prioritizing: Unlocking Productivity and Balance in College Life

As college students juggle a myriad of responsibilities, from calculus conundrums to late-night coding sessions, the art of prioritizing becomes an essential skill for engineers-in-training. Balancing coursework, projects, and social engagements requires a calculated approach that engineers are well-equipped to handle. So, grab your slide rule and buckle up as we engineer our way through the art of prioritization, injecting a touch of engineering humour along the way.

Debugging Your Goals:

Just as engineers love solving complex problems, it's crucial to start by debugging your goals. Reflect on your academic objectives, personal passions, and career aspirations. Much like troubleshooting a buggy code, this self-analysis will help you identify what truly matters and set a clear direction for your prioritization journey.

Building a Priority Circuit:

Once you've debugged your goals, it's time to build a priority circuit. Categorize your tasks and responsibilities into modules like academics, projects,

extracurricular activities, and personal well-being. Assign each module a resistance value based on its importance and relevance to your engineering ambitions. This circuit will guide you in making efficient choices, ensuring your time and energy flow smoothly through the most impactful areas.

Capacitors of Urgency and Importance:

In the engineering realm, we understand the difference between a ticking time bomb (urgent) and a groundbreaking invention (important). Apply this knowledge to your prioritization efforts using the Capacitors of Urgency and Importance. Evaluate tasks based on their urgency and their importance. By managing the charge flow, you can prevent overload and keep your productivity circuit humming smoothly.

Time Management: Engineering the Clockwork

Time management is our secret weapon for optimal prioritization.



When specifications change, recalculate your priorities, adjust your algorithms, and refactor your plans. This flexibility will allow you to optimize your output and adapt to the evolving challenges that come your way.

As engineers, we have an inherent knack for problem-solving, and mastering the art of prioritization is just another puzzle for us to crack. By debugging our goals, building priority circuits, managing time effectively, gracefully declining unnecessary commitments, and adapting to changing specifications, we engineer our path to productivity. So, my fellow engineering enthusiasts, let's put our skills to the test, inject a dash of humour into our prioritization endeavours, and engineer a college experience that balances achievement, fun, and the occasional engineering meme. May your circuits be optimized, your priorities aligned, and your journey as an engineer be filled with success and laughter along the way. Keep calibrating and engineering!

~Garv Anand

Like designing a well-calibrated clockwork mechanism, experimenting with techniques such as Gantt charts, Pomodoro cycles, or even a trusty countdown timer. Fine-tune your time allocation algorithm and beware of time thieves lurking in the form of social media or endless engineering memes. Stay focused and manage your time wisely.

The Art of Saying "Error 404: No" Gracefully:

In a world filled with tantalizing opportunities and requests for your engineering expertise, mastering the art of saying "Error 404: No" gracefully is an essential skill. Remember, engineers are like rare resources with limited bandwidth. Be selective in accepting new projects or commitments, and learn to decline politely when your circuits are already operating at maximum capacity. Preserve your engineering sanity and save the world, one "no" at a time.

Iterative Adaptation:

Just like an engineering project can experience scope creep, college life is full of unexpected twists and turns. Adaptability is key. Embrace the engineering mindset of continuous improvement and agility.



CIVIL ENGINEERS

In a world of concrete and steel so grand,
Where structures rise, a marvel in every land,
There dwells a noble breed, steadfast and true,
The unsung heroes, the civil engineers, who knew.

With pencil in hand and plans in their mind,
They shape the landscape, leaving none behind,
Bridges they build, connecting shores apart,
Spanning the voids, a masterpiece of their art.

They measure the Earth, surveying the terrain,
Calculating forces, where strength shall remain,
From towering skyscrapers to roads that wind,
They engineer wonders, leaving no detail behind.

In laboratories, they test the materials' might,
Ensuring structures can withstand day and night,
Steel and concrete, their allies in this game,
Together they conquer, building a world of fame.

They brave the elements, rain or shine,
In hard hats and boots, their work is divine,
From sun-baked deserts to frozen terrains,
They march on, undeterred by any pains.

They dream of cities with efficient design,
Sustainable and green, where harmony aligns,
With roads that flow, and buildings that breathe,
They envision a future where humanity can achieve.

So raise a toast to these guardians of our space,
Whose genius and vision leave a lasting trace,
To the civil engineers, our modern-day masons,
Who shape the world with their amazing creations.

~Vishal Khilery





Safeguarding Our Digital World: The Importance of Cybersecurity

In today's interconnected and technology-driven world, the rapid expansion of digital networks has brought about numerous opportunities and conveniences. However, this digital transformation has also exposed individuals, businesses, and governments to a new array of threats. Cybersecurity has become an indispensable aspect of our lives, ensuring the protection of sensitive data, preserving privacy, and maintaining the integrity of digital systems. In this article, we will explore the significance of cybersecurity and shed light on the evolving landscape of cyber threats.

What is CyberSecurity?

It is a buzz word these days. People use it regardless of the vast knowledge this word holds. Cybersecurity is the practice of protecting computers, servers, networks, data, and digital systems from unauthorized access, damage, theft, and disruption. It encompasses a range of strategies, technologies, and processes designed to ensure the confidentiality, integrity, and availability of information and resources in the digital realm. In short, it is the field that ensures that your data is safe

in the vastness of the digital world.

Protecting Personal Data

With the digitalization of personal information, protecting sensitive data has become crucial. Cybersecurity measures ensure that individuals' private information, such as financial records, health records, and personal communication, remains secure. Robust encryption protocols, multi-factor authentication, and secure communication channels are just a few examples of cybersecurity tools used to prevent unauthorized access and maintain data confidentiality.

Different Cyber Threats

1. Malware: Malicious software, such as viruses, worms, trojans, ransomware, and spyware, designed to infiltrate systems, steal data, or cause harm.
2. Phishing: Deceptive techniques, often through fraudulent emails or websites, to trick individuals into revealing sensitive information like passwords, credit card details, or login credentials.

3. Social Engineering: Manipulating human psychology to deceive individuals or gain unauthorized access to systems through tactics like impersonation, baiting, or preying on human trust

4. Denial-of-Service (DoS) Attacks: Overwhelming a system or network with a flood of requests to render it inaccessible or disrupt its normal functioning

5. Data Breaches: Unauthorized access or theft of sensitive information, such as personal records, financial data, or intellectual property, often leads to identity theft, fraud, or reputational damage.

6. Insider Threats: Unauthorized actions or data breaches caused by employees, contractors, or individuals with privileged access to systems or information.

For instance, companies hold the user's data at the data centres (servers or clouds), and hackers with malicious content now target the query requests sent to the servers and manipulate these requests. A group of hackers working together even takes the physical route of trying to breach the security of these data centers like in movies.

The frequency of cyberattacks on organizations can vary widely and is influenced by numerous factors such as industry, size of the organization, security measures in place, and the attractiveness of the target to potential attackers.

Over the years, security professionals have worked on and created a good security architecture upon which the majority of applications work without constant fear of losing data.

Prevention Measures

1. Firewalls are software- or hardware-based security systems that monitor and control network traffic to block unauthorized access and protect against external threats.

2. Intrusion Detection and Prevention Systems (IDPS): Technologies that monitor networks or systems for suspicious activity and respond to potential threats by either alerting administrators or taking automated action.

3. Encryption is the process of converting sensitive data into an unreadable form to prevent unauthorized access.

Encrypted data can only be deciphered with the appropriate decryption key.

4. Access Control: Techniques like passwords, biometrics, two-factor authentication (2FA), or role-based access control (RBAC) to ensure that only authorized individuals can access specific systems or data.

5. Security Audits and Penetration Testing: Regular assessments of systems and networks to identify vulnerabilities and weaknesses are followed by penetration testing to simulate real-world attacks and assess the effectiveness of security measures.

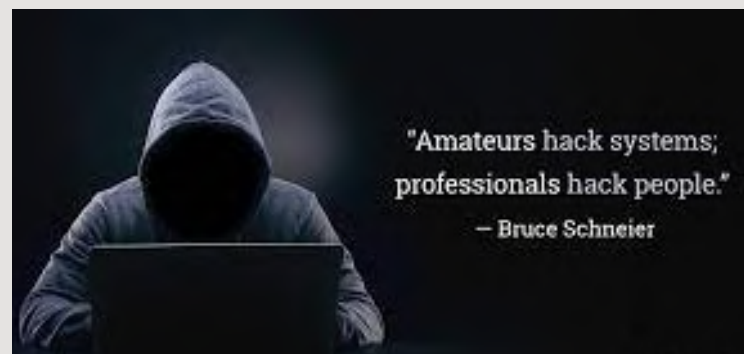
How to start in this field

This field is divided into two categories: hardware interactions and software interactions. A person starting in this field must know both, so to start with, it is best to gain knowledge of networks, ports, protocols, internet, routers, servers, switches, and cables used. This forms the basics of networks and provides you with an overview of how ports on computer devices work, how internet works, and how routers and servers work.

Then move on to the software side, where you can play and practice with various tools and labs available for free on the internet. The prerequisites that you must have are problem-solving skills, knowledge of how to write code for a given problem, and proficiency in the least common language.

A list of few Tools :

- Burp suite
- Hydra
- John the Ripper



~Kushagra Vyas



Concrete reinvented :Discovering the power of self-healing materials

As we know, concrete is the second most widely used material in the world, second only to water. So, the substantial volume of concrete utilised globally has a significant environmental impact. This environmental impact arises due to several factors, including significant carbon emissions associated with cement production, the depletion of natural resources used in concrete manufacturing, and the long-lasting waste generated from demolished or deteriorating concrete structures.

Traditional concrete, while widely used in construction due to its strength and versatility, is not without its environmental challenges. The production of Portland cement, a key component of concrete, is a major source of carbon dioxide (CO₂) emissions. The process of cement production involves high energy consumption and releases substantial amounts of CO₂ into the atmosphere. In fact, it is estimated that the cement industry contributes to approximately 7% of global CO₂ emissions.

Additionally, the extraction of raw materials for concrete production, such as limestone and sand, can lead to habitat destruction, soil erosion, and water pollution. The mining and transportation of these materials require

significant energy inputs and can have adverse impacts on local ecosystems. Considering these environmental impacts, there is a growing need for more sustainable alternatives to traditional concrete. This has led to the development of innovative materials like self-healing concrete, which aim to minimize the environmental footprint of construction while enhancing the performance and longevity of concrete structures.

Self-healing concrete, an innovative and promising material, has emerged as a potential solution to address the limitations of traditional concrete. With its remarkable ability to autonomously repair cracks and damage, self-healing concrete holds the promise of revolutionizing the construction industry. The concept of self-healing concrete involves incorporating healing agents within the material itself, allowing it to repair and restore its structural integrity without the need for external intervention.

These healing agents can take various forms, such as encapsulated polymers, microcapsules filled with healing agents, or even self-activated bacteria. They remain dormant within the concrete until cracks or damage occur.

Once triggered by the presence of moisture or other specific conditions, these healing agents are activated, releasing their contents to fill the cracks and restore the material's strength. The autonomous healing process of self-healing concrete is akin to the natural healing ability of living organisms. Just as our bodies repair injuries through cellular regeneration, self-healing concrete utilizes advanced materials and mechanisms to mend itself. This innovative approach not only enhances the durability and longevity of concrete structures but also reduces the need for frequent repairs and maintenance, resulting in significant cost savings over the life cycle of a structure.

The potential applications of self-healing concrete are vast. It can be used in various infrastructure projects, including buildings, bridges, tunnels, and roads, to ensure their long-term performance and minimize the risk of structural failures. Moreover, self-healing concrete can contribute to more sustainable construction practices by reducing material waste and the carbon footprint associated with maintenance and repair activities.

This expanded version provides more details about the types of healing agents used, the concept of autonomous healing, potential applications, and the ongoing research and development efforts in the field of self-healing concrete.

The integration of self-healing properties into concrete brings forth a multitude of benefits that can revolutionize the construction industry. One of the key advantages of self-healing concrete is its potential to reduce maintenance costs significantly. By autonomously repairing cracks and damage, self-healing concrete minimizes the need for manual intervention and costly repair procedures. This not only saves time and resources but also extends the lifespan of concrete structures, leading to long-term cost savings for infrastructure owners and operators.


Self-healing concrete encompasses various mechanisms and types, each offering unique approaches to achieving autonomous repair. One common method involves the use of encapsulated polymers within the concrete matrix. These microcapsules contain healing agents that are released when cracks occur, filling the voids and restoring the material's integrity. Another approach utilizes self-activated bacteria that produce calcite when in contact with water, effectively sealing the cracks and enhancing the concrete's strength. Additionally, vascular self-healing concrete incorporates a network of tiny channels filled with healing agents that can be replenished over time, allowing for continuous repair as needed.

These different mechanisms and types of self-healing concrete offer flexibility and adaptability, enabling the material to address a wide range of damage scenarios and improve the overall durability of the concrete structure.

Despite the promising potential of self-healing concrete, there are several implementation challenges that need to be addressed. Cost remains a significant factor, as the incorporation of healing agents and specialized technologies can increase the upfront expenses of using self-healing concrete compared to traditional concrete. Furthermore, compatibility with existing construction practices and regulations needs to be carefully considered to ensure seamless integration into standard construction processes. Additionally, long-term monitoring and maintenance strategies for self-healing concrete structures require further development. However, ongoing research and collaborations between academia, industry, and government institutions are actively addressing these challenges. As advancements continue and economies of scale are achieved, the cost-effectiveness and practicality of self-healing concrete are expected to improve, making it a viable option for sustainable infrastructure development.

In conclusion, self-healing concrete represents a groundbreaking advancement in the construction industry, offering numerous benefits for sustainability, cost-effectiveness, and infrastructure durability. By incorporating healing agents and autonomous repair mechanisms, self-healing concrete reduces maintenance costs, extends the lifespan of structures, and minimizes the environmental impact associated with traditional concrete. While challenges regarding cost, compatibility, and maintenance strategies remain, ongoing research and development efforts are driving progress in these areas. As we move forward, the widespread adoption of self-healing concrete holds great potential for transforming the way we build and maintain our infrastructure, paving the way for more resilient and sustainable constructions that can withstand the tests of time and contribute to a greener future.

~Abhineet Kumar



Mental Health and Well-Being in Engineering College Students

Engineering is a demanding field of study, and engineering college students are at considerable risk for mental health problems. According to a study by the American College Health Association, engineering students are more likely than students in other majors to experience anxiety, depression, and stress.

Factors:

Many factors contribute to the high rates of mental health problems among engineering students. These factors include the demanding academic workload. Engineering students typically must take a lot of challenging courses, and they often must work long hours to keep up. This can lead to stress, anxiety, and burnout. The competitive environment. Engineering is a competitive field, and students are often under pressure to perform well. This can lead to feelings of inadequacy and self-doubt. The isolation. Engineering students often spend a lot of time working alone, and they may not have a dedicated support network of friends or family. This can make it difficult to cope with stress and mental health problems.

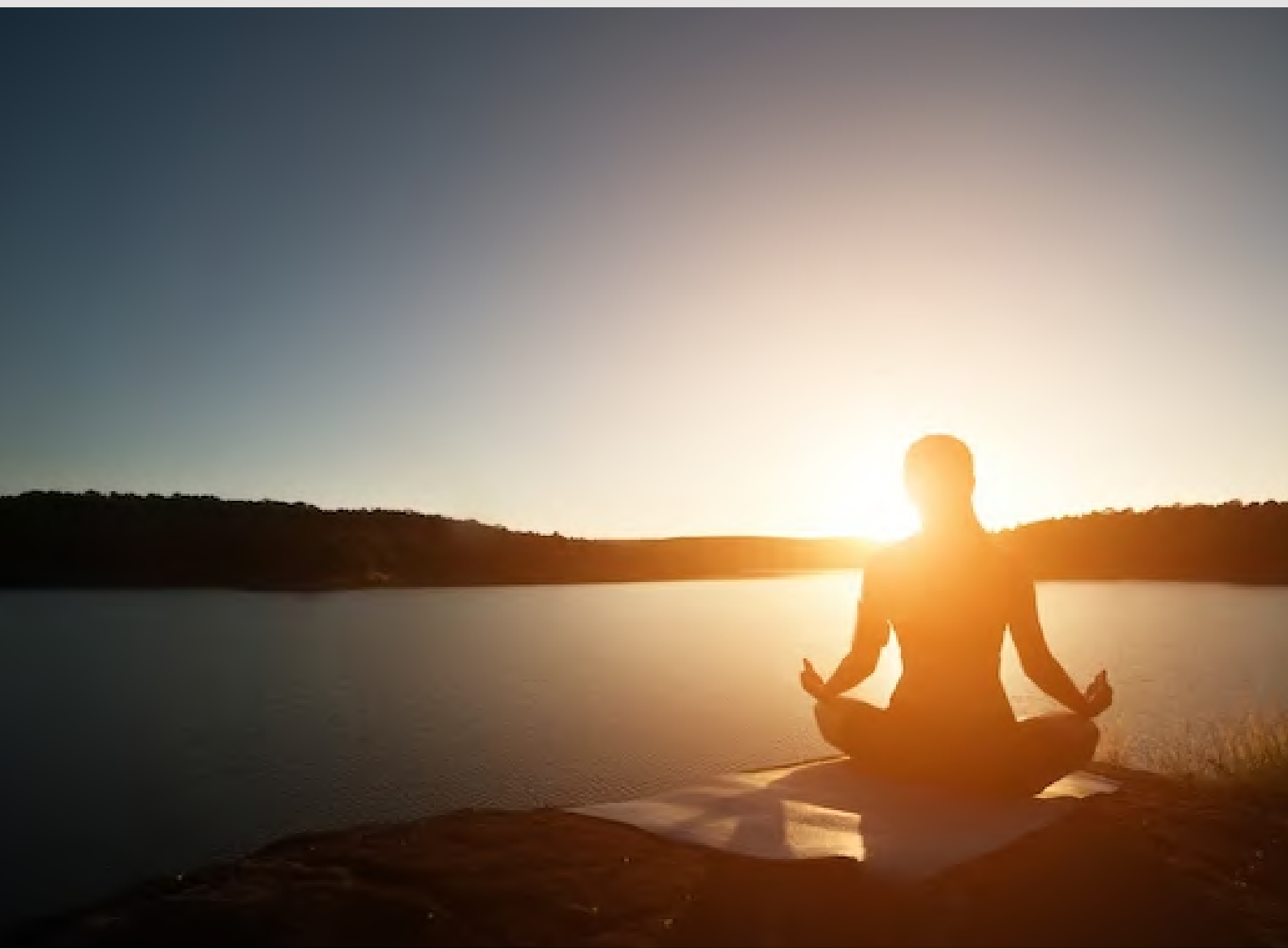
Ask for Help:

If you are an engineering student who is struggling with your mental health, it is important to seek help. There are several resources available to you, your college's counselling centre. The counselling center at your school can provide you with individual or group therapy and resources on mental health and well-being. Your academic advisor. Your academic advisor can help you manage your workload and ensure you are taking care of your mental health. Your friends and family. Talking to your friends and family about what you are going through can be a fantastic way to get support. Online resources. There are many online resources available that can provide information and support on mental health and well-being. It is also important to remember that you are not alone. Many engineering students struggle with their mental health, and there are people who can help you. If you are struggling, please reach out for help.

In addition to seeking professional help, there are also a few things that you can do to improve your mental health and well-being. Get enough sleep. When you are well-rested, you are better able to cope with stress and anxiety. Eat a healthy diet. Eating healthy foods can give you the energy you need to get through the day and can also improve your mood. Exercise regularly. Exercise is a wonderful way to reduce stress and improve your overall mood. Spend time with loved ones. Social support is important for mental health. Be available for the people who matter to you. Take breaks. It is important to take breaks from studying and work to relax and recharge. Practice mindfulness. Mindfulness is the practice of paying attention to the present moment without judgment. It can be a helpful way to reduce stress and anxiety. Taking care of your mental health is important for your overall well-being. If you are an engineering student who is struggling, please reach out for help. There are people who care about you and want to help you succeed.



~Sagar



एक कहानी जो न जाने कितनो के साथ हुई

इश्क हुआ
बात हुई
मुलाकात हुई
जब समाज को पता उसकी जात हुई
फिर बात हुई मुलाकात हुई

न जाने उसने लोगो को मेरे बारे में क्या बताया होगा,
गुस्सा जिद सब बता कर मेरा प्यार नहीं बताया होगा,
उसने कह दिया सब जलाने को जिस पर लिखा था नाम मेरा,
तोफे खत सब दिखा कर अपना दिल नहीं दिखाया होगा ।

खोलता लहू अब सवाल करता है। क्यों तु अपना समय बरबाद करता है,
तु है तेरे ही अंदर उगता सूरज फिर क्यों तु रोशनी की तलास करता है।

लोग कहते है लड़के पत्थर दिल होते हैं,
मजबूत इतने की लाश देख कर दुखी न हो हम,
कमजोर इतने की मां को दुखी देखकर रो देते हैं।

कोई खरीदार है यहा तो कोई सरेआम बिकता है,
कोई बेशुमार दर्द में भी कितना खुश दिखता है,
सब का अलग अंदाज है यहां जिंदगी जीने का,
कोई जिंदगी पढ़ता है तो कोई जिंदगी लिखता है।

~आदित्य पांडे



जीवन कठिन या उदास ?

जीवन कठिन या उदास?
यह प्रश्न खड़ा करे विचार,
जीवन का रंग नया अद्भुत,
सभी यही कहते द्विचार।

कुछ कहते हैं जीवन तो रूठा,
दुःख और कष्ट से भरा है सफ़र,
रोज़ जीना लगे बोझ समान,
मन में ख़ामोशी रही संघर्ष की चिंगार।

दरिद्रता की कठिनाई बसे जीवन में,
रोग-रोगी का साया चारों तरफ़ हो,
सपनों की पुकार बहुत हो धीमी,
हकीकत ने तो भयानक चेहरा दिखाया हो।

पर कुछ दिलों में आशा की फुलवारी,
जलती है उम्मीदों की चिराग़,
मुसीबतों में भी चमकती ताकत की किरण,
अधिकारों की पुकार है बनाए रवाग़।

जीवन कठिन हो तो है कैसे भी,
दुःख और उदासी साथी हों यादें,
पर उस बारीक लम्हे में है खुशी,
जो मुस्कान बने, धन्य है वह बेदेखाद।

जीवन बड़ा है संघर्षों से,
इसकी कठिनाइयों में है सदैव सीख,
दुःख और उदासी सिर्फ़ रात की कच्ची दाग़ हैं,
उजाला है सूरज की साथीक हर पल की वीण।

~विशाल खिलेरी



Farewell, you!

In the realm of knowledge
Where dreams take flight,
Our dear seniors
You always shined bright.
Through these corridors -
Where moments weave,
Laurels are earned,
And now you leave.
Farewell, dear seniors!
New vistas you will tread.
In the symphony of growth,
A chapter you spread.
Whenever you will seek
IITRAM by your side
You'll find us following you
On your thrilling ride.
Continuity of life
Will forever guide you,
So unleash your endeavors
In a journey, anew.

~Preksha Sharma





Goodbye

Seniors



As we celebrate the union of the cosmic narrative and the equation of continuity in our life, we embrace the concept of 'Small Change' as an ever-present companion on our journey to becoming engineers and lifelong learners. However, amidst the pursuit of knowledge and personal growth, there is another dimension to our Engineering experience that tugs at our hearts - the nostalgia of friendship and bonds.

We look back on the late-night study sessions, the laughter-filled conversations, and the shared moments of triumph and defeat, and we realize that 'Small Change' extends beyond academic growth. It also encompasses the subtle shifts in our camaraderie as friendships deepen and evolve, leaving an indelible mark on our souls.

Within the hallowed halls of IITRAM, we form connections that transcend time and distance. These bonds, like gravitational forces, bring us together, supporting one another through challenges and celebrating our triumphs as a harmonious ensemble.

The equation reminds us that just as the universe flows through space and time, so do our friendships. As we embark on new journeys beyond our time here, their enduring impact and influence continue to shape us, leaving an indelible mark on our paths ahead. The memories of shared experiences become a constant, guiding us through the ever-changing dance of life.

As we venture into uncharted territories following our tenure at the institute, their profound impact endures, infusing our aspirations with wisdom and strength. Like a compass, their teachings point us toward new directions, enriching the tapestry of our future endeavours with threads of insight that have become fundamental to our collective growth.

~Adarsh Gupta



It's time to
say Good
Bye!

"Quiet the mind and
the soul will speak"



~Kirti Maru

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