MITRC

College Daze

Changing the world by degrees...



2025 EDITION

MODERN INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, ALWAR

Approved by AICTE & Affiliated to Bikaner Technical University, Bikaner

ABOUT COLLEGE

Modern Institute of Technology & Research Centre (MITRC), Alwar established by All India Arya Samajis Society for Advance Education & Research in year 2007 affiliated with Bikaner Technical University, Bikaner and approved by AICTE, New Delhi. MITRC is determinate to provide the world class technical education to produce competent and versatile professionals to build a strong and developed nation and establish itself as a leading institute. We encourage healthy competition to enable our students to find a place in today's competitive world.

Mission

M1: To provide state of the art facility for academic excellence that caters to regional, national and global challenges.

M2: To identify emerging areas of technology that can provide innovative and sustainable solutions to global challenges.

M3: To provide an environment of industry oriented research and development.

M4: To inculcate core values of professional ethics, teamwork, interpersonal skills and lifelong learning for sustainable development of the society.

Vision

To produce well trained professionals and leaders for serving society and world at large through excellence in academics, research, development and innovations.

EDITORIAL BOARD

11



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16



25



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Building a Successful Future Begins with You!

Dear Students,You are the architects of tomorrow—the visionaries who will shape industries, drive innovation, and redefine success. Whether you aspire to lead groundbreaking technological advancements or revolutionize business strategies, your journey at MITRC is the foundation for a future filled with limitless possibilities.

At MITRC, we are committed to empowering you with the knowledge, skills, and leadership qualities necessary to thrive in an ever-evolving world. Our learning environment blends cutting-edge technology with strong ethical values, ensuring that you graduate not just as professionals but as leaders, innovators, and change makers.

Your Potential is Our Investment We believe in your talent, and we invest in your growth. The lessons you learn, the skills you develop, and the experiences you gain here will be your strongest assets—helping you contribute to your family, society, and the nation at large.

The Future is Not Something to Predict—It's Something to Create Challenges will come, but they are stepping stones to greatness. Success is not a destination; it's a journey that requires dedication, perseverance, and a relentless pursuit of excellence.

So, dare to dream, push boundaries, and make an impact. Start strong, stay committed, and remember:

"You don't have to be great to start, but you have to start to be great."

Wishing the Best to Present and Future Leaders!-

MITRC Leadership Team



EDITOR

Dr. Rajesh Kumar
Assistant Professor
Department of CSE & AI

Greetings to all!I am honored to present the latest edition of our annual college magazine, "College Daze," for the academic session 2024–25. Life moves forward without a rewind button, but through this magazine, we get a chance to relive and cherish the unforgettable moments we have experienced throughout the year. Our editorial team has put in immense effort to compile an engaging and insightful reflection of the events, achievements, and memories that shaped this academic year. College Daze is more than just a publication—it is a testament to our growth, aspirations, and creativity.I extend my sincere appreciation to the dedicated editorial team for their hard work in bringing this edition to life. A special thanks to the students, faculty, and staff who contributed to this issue, making it more enriching and engaging. Above all, I am grateful to the college management for their unwavering support and for allowing us the creative freedom to curate this wonderful edition.Best wishes!



Mr. Sudhir Ram
Graphic Designer

Bringing Ideas to Life Through Creativity & Design. In the world of visual storytelling, graphic design serves as the bridge between imagination and reality. At MITRC, we understand the power of visual communication—how colors, typography, and design elements come together to create compelling narratives that engage, inform, and inspire. As a graphic designer, my role is to transform concepts into visually striking designs that reflect the identity, vision, and aspirations of our institution. Whether it's designing brochures, magazines, digital media, event posters, or branding elements, each creation is crafted with precision and purpose. Our magazine, College Daze, is a perfect example of how art and information blend seamlessly. Every page is meticulously designed to ensure aesthetic appeal, readability, and visual coherence, making the reading experience engaging and immersive. At MITRC, we embrace innovation in design, constantly exploring new trends, digital tools, and creative techniques to enhance our visual presence. Graphic design is more than just visuals; it's about telling a story, evoking emotions, and leaving a lasting impression. As we continue this creative journey, I look forward to designing and shaping many more inspiring visual experiences for the MITRC community. Creativity has no limits—let's design the future, one pixel at a time!

DIRECTOR



Prof. S. K. Sharma

India is a nation brimming with talent, and quality education plays a crucial role in shaping its future. It brings me immense pleasure to see MITRC contributing to this vision by nurturing bright minds through high-quality technical education. Our institute is committed to providing the best possible support to students, helping them excel in their chosen fields. MITRC not only prepares students for promising careers but also instills in them strong ethical values, ensuring they make informed and responsible decisions. Our mission is to cultivate a global perspective among students, equipping them to adapt to the rapidly evolving technological landscape. At MITRC, discipline and values form the cornerstone of education. We believe that academic excellence must be complemented by holistic development, which is why we emphasize personality development, leadership training, and soft skills in addition to technical knowledge.

I am delighted that MITRC has successfully published the College Souvenir 2025. The Editorial Board has done a commendable job in putting together this magazine, showcasing the achievements and creativity of our students. College magazines serve as a valuable platform for students to express their ideas and contributions. I wholeheartedly congratulate the Editorial Board for their dedication in capturing the essence of student potential and making this magazine an integral part of MITRC's history.

DEAN ACADEMICS



Prof. (Dr.) N. K. Yadav

It is with great gratitude that I extend my appreciation on the occasion of MITRC's Annual Institute Magazine. I sincerely thank each one of you for your unwavering support, love, and commitment to our institute. It is your encouragement that drives us to uphold the mission of imparting value-based education and fostering a research-oriented learning environment. Our vision is to ensure that every student achieves academic excellence while developing into a responsible and knowledgeable individual.

At MITRC, we strive to prepare our students to become strong leaders and active contributors to the global community. Every day presents new learning experiences, shaping students into individuals capable of making a positive impact. Our education philosophy extends beyond academics—it is about building character, self-respect, discipline, and integrity. I feel honored to be a part of Modern Institute of Technology and Research Centre and to serve in my role as Dean Academics. As we continue this journey, I extend my best wishes for the success of our students, faculty, and the entire MITRC family.

DEAN STUDENT'S AFFAIRS



Dr. Vikas Mahalawat

Dear Parents, Students, and Well-Wishers of the MITRC family,

Warm greetings to all of you! First and foremost, I extend my heartfelt gratitude to every one of you for your unwavering support, love, and encouragement towards the college. Your contributions inspire us to continue our mission of delivering value-based education and fostering a knowledge-driven environment for all. I take great pride in stating that our students have consistently excelled in every initiative they undertake. We have remained steadfast in our commitment to quality education, focusing on discovering, nurturing, and developing hidden talents among students. Education at MITRC extends beyond academics—it cultivates perseverance, dedication, and a never-give-up attitude, shaping not just competent professionals but well-rounded, responsible individuals.

In today's rapidly evolving world, holistic development is essential. We strive to equip students with 360-degree learning experiences, enriching our campus with a dynamic environment that fosters future engineers, leaders, and innovators. We emphasize soft skills, technical aptitude, and interdisciplinary knowledge, preparing students for real-world challenges. I am extremely pleased with the progress MITRC has made in embedding value-based education in its students. Our learning methodologies blend technical excellence with ethical awareness, nurturing individuals who are not only academically strong but also possess a well-rounded, emotionally sound foundation. Looking ahead, we will continue this journey with greater enthusiasm, providing a platform for innovation for the next generation of learners. Let us give our best and make this institution a modern temple of learning through dedication, diligence, and devotion. Through this magazine, College Daze, we present various events and achievements from the 2023–25 academic session. Wishing you all the best!

DEAN EXAMINATION



Dr. Neeraj Jain

The MITRC College of Engineering has been making remarkable strides in achieving its goal of national prominence through impactful research, innovative education programs, and transformative outreach initiatives.

Over the years, we have witnessed exceptional enrollment growth, recruited distinguished faculty from various universities, and fostered new learning and research opportunities. By collaborating with Bikaner Technical University Kota, industry leaders, and research institutions, we continue to strengthen our position as a center for innovation, technology commercialization, and engineering excellence. Our mission is to produce outstanding talent that meets the demands of highly competitive global markets. To achieve this, we offer a diverse range of rigorous, project-based curricula, designed to nurture students into future-ready professionals. Student success remains at the core of our vision, and we emphasize a global perspective, awareness of human and societal needs, and the ability to develop novel, sustainable engineering solutions while fostering entrepreneurial spirit.Our faculty members are dedicated to providing an interactive, analytical, and industry-relevant learning environment. They equip students with critical thinking skills, preparing them to tackle complex industrial challenges and contribute to groundbreaking innovations. At MITRC, education is more than just theoretical learning; we prioritize hands-on, practical experiences, ensuring that students understand real-world implications of their knowledge. Our faculty serves as mentors, guiding students beyond textbooks and helping them apply their learning effectively. I wholeheartedly congratulate the Editorial Team of College Daze for their hard work in putting together this wonderful edition. Best wishes!

HEAD HR DEPARTMENT



Mrs. Chhavi Nagpal

It is a great honor to be a part of MITRC and to manage one of the most talented pools of professionals in the region. At MITRC, we firmly believe that the success of any organization is deeply rooted in its human capital.

If employees do not thrive and work as a cohesive team, achieving success becomes a challenge. That is why we are committed to fostering a positive and growth-oriented work culture, where faculty members are empowered to enhance their skills and capabilities through best practices in the workplace.

As an HR Manager, I carry the important responsibility of ensuring a balanced and healthy relationship between employees and the institution, creating an environment that promotes efficiency and professional well-being.

Our focus is on retaining a talented workforce and optimizing our recruitment strategies. We are also strengthening our collaborations with professors from IITs, NITs, and top management institutes, ensuring that we deliver excellence in academics. Moving forward, we remain committed to exploring new opportunities that will benefit our faculty, staff, and students.

I would like to congratulate the Editorial Board for bringing yet another engaging edition of College Daze to life. I look forward to witnessing more exciting contributions in the future.

HEAD TRAINING & PLACEMENT



Dr. Pradeep Kumar Sharma

As a Training & Placement Officer, my role is to encourage students to dream big and stay committed to turning their dreams into reality. To help students achieve their goals, we are dedicated to provide intensive training programs and fostering a learning environment that equips them with core technical skills as well as specialized expertise.

Our close collaboration with industry leaders enables us to identify valuable skills and real-world experiences that will benefit students in their careers. We also offer value-added courses at MITRC, ensuring that students gain practical exposure to industry requirements.Beyond technical knowledge, we strive to bridge the gap between students and prospective employers by facilitating training and placement opportunities. Our mission is to ensure that students are well-prepared to enter the professional world with confidence and competence.

With great pleasure and honor, we invite industries and corporate houses to visit our campus and collaborate with our students, enabling them to take full advantage of TPO-driven activities.Through these efforts, we aim to maximize placement opportunities for our students and help them build successful careers.

CSR Initiatives



Blood Donation Camp Jointly Organized By: MITRC & HDFC Bank

CSR Initiative: Blood Donation Drive in Association with HDFC Bank As part of our Corporate Social Responsibility (CSR) initiative, we successfully organized a Blood Donation Drive in association with HDFC Bank on 23rd November 2024. This initiative aimed to raise awareness about the importance of blood donation, encourage voluntary donors, and contribute to saving lives. Blood donation is a simple yet impactful act that can help those in medical emergencies and support healthcare systems.We extend our heartfelt gratitude to all the donors and volunteers who came forward to make this initiative a success. Your generosity and compassion truly make a difference! Together, we are creating a healthier and more responsible society.













MITRC

CLEANING CAMPAIGN





The Cleaning Campaign held on 21st September 2024 at MITRC witnessed enthusiastic participation from various departments, promoting cleanliness, hygiene, and environmental sustainability. We are proud to announce that the CSE Department emerged as the winner, showcasing exceptional teamwork, dedication, and commitment to the cause of cleanliness.

Their efforts in organizing, executing, and spreading awareness about sustainable waste management and cleanliness were truly commendable. This victory is not just a recognition of their hard work but also an inspiration for others to take responsibility for their surroundings.

Congratulations to the CSE Department for leading by example and contributing to a cleaner and greener MITRC! Let's continue to work together towards a sustainable future!





राष्ट्रीय सेवा योजना (NSS)

इकाई द्वारा

पौधारोपण कार्यक्रम – एक पेड़ मां के नाम



On the occasion of Independence Day 2024, MITRC, in association with NSS, organized a Tree Plantation Drive under the theme "Ek Ped Maa Ke Naam". This noble initiative aimed to promote environmental sustainability, awareness about afforestation, and the importance of trees in our ecosystem.Faculty members, students, and volunteers actively participated in planting saplings, dedicating each tree to their mothers as a symbol of love, respect, and gratitude. This initiative not only helped in enhancing the green cover but also encouraged a sense of responsibility towards nature.A heartfelt thanks to all participants for making this event a success and contributing to a greener future. Let's continue to nurture the environment and take small steps towards a healthier planet!



Farewell Party

Despedida 2K24

Despedida 2K24, held on 28th September 2024, was a night of nostalgia, celebration, and heartfelt goodbyes as we bid farewell to our beloved seniors. The event was filled with electrifying dance performances, soulful music, and exciting title distributions, making it a truly unforgettable evening. The much-anticipated moment saw Mr. Manoj Kumar (Civil Engineering) crowned Mr. Farewell and Ms. Sunnu Gupta (Civil Engineering) as Ms. Farewell, while Mr. Sarubh Chauhan (Mechanical Engineering) and Ms. Deepali Gupta (MBA) were honored as Mr. and Ms. Evening, respectively. With gifts distributed, group photos clicked, and laughter echoing through the night, the event was a beautiful tribute to the seniors, celebrating their journey and friendships as they step into a new chapter of life. Once a part of MITRC, always a part of the family!








































FRESHER'S PARTY

Aarambh 2K24

A Grand Welcome to the New Beginnings!

Aarambh 2K24, held on 9th November 2024, was a vibrant and joyous occasion marking the grand welcome of our new batch into the college family. The evening was filled with enthusiasm as the freshers showcased their talents through melodious singing performances and energetic dance acts, making the atmosphere truly electrifying. The highlight of the event was the much-anticipated Mr. and Ms. Fresher competition, where Shivansh Yadav and Janvi Tikyani were crowned Mr. and Ms. Fresher (UG), while Ritik Batra and Jasmeet Kaur earned the prestigious titles of Mr. and Ms. Fresher (PG). The celebration concluded on a delightful note with a community lunch, bringing students together to foster new friendships and cherish the beginning of their college journey. Aarambh 2K24 was not just an event; it was the first chapter of a beautiful college experience!



INVINCIBLE-T-23

10-11 March 2023



MITRC celebrated Invincible - T23 on 10th-11th March 2023, a thrilling two-day festival of innovation, culture, and sports. Events like Project Expo, Dance, Ramp Walk, Singing, Music Mantra, Treasure Hunt, Brain Twister, Mind Mania, and Sports showcased students' creativity and talent. Enthusiastic participation, electrifying performances, and intense competitions made the event a grand success. Winners were honored with awards, making Invincible - T23 a truly unforgettable experience.


MITRC
INVINCIBLE

Toppers

Excellent Performance of MITRCians in BTU Merit List in Entire Rajasthan

Manifesto



RAHUL SWAMI
R.No. 19EMCME035
B.Tech. ME
91.50%



MANSI GUPTA
R.No. 19EMCCS069
B.Tech. CSE
87.34%



HIMANSHU VERMA
R.No. 19EMCCE029
B.Tech. CE
86.81%



HIMANSHU GUPTA
Rank- 3rd
R.No. 19EMCCS049
B.Tech. CSE



RASHI JAIN
Rank- 7th
R.No. 19EMCCS096
B.Tech. CSE



JYOTI GUPTA
Rank- 8th
R.No. 19EMCCS056
B.Tech. CSE



DHARMANSHU SHARMA
Rank- 10th
R.No. 19EMCCS033
B.Tech. CSE



ARTI KHANDELWAL
Rank- 3rd
R.No. 19EMCEE006
B.Tech. EE



GAURAV TAXAK
Rank- 5th
R.No. 19EMCEE013
B.Tech. EE



VAIBHAV DWIVEDI
Rank- 9th
R.No. 19EMCEE043
B.Tech. EE



GUNJAN VERMA
Rank- 3rd
R.No. 19EMCME016
B.Tech. ME



ABHISHEK GUPTA
Rank- 5th
R.No. 19EMCME003
B.Tech. ME



KUSHAL SHARMA
Rank- 6th
R.No. 19EMCME025
B.Tech. ME



MASOOM GAUR
Rank- 8th
R.No. 19EMCME028
B.Tech. ME



DUSHYANT JANGID
Rank- 7th
R.No. 19EMCCE022
B.Tech. CE



DIVYA JATAV
Rank- 10th
R.No. 19EMCCE021
B.Tech. CE



PRIYANKA JAISWAL
Rank- 4th
R.No. 20MMCMB643
MBA



RISHIKA AGARWAL
Rank- 8th
R.No. 20MMCMB645
MBA

"The only path to SUCCESS is HARD WORK"

Gems from Management & Engineering (2020-2024)

"Success is the result of perfection, hard work, learning from failure, loyalty, and persistence"

- Colin Powell"



Rahul Swami Student of Mechanical Engineering was honored with Gold Medal for securing 1st Position in BTU (Batch 2019-2023)



Himanshu Verma Student of Civil Engineering was honored with Gold Medal for securing 1st Position in BTU (Batch 2020-2024)



Mansi Gupta Student of Computer Science Engineering was honored with Gold Medal for securing 1st Position in BTU (Batch 2020-2024)

MBA 2021-2023		%
I	Ms Pragya Khandelwal	9.47 CGPA
II	Razzak Khan	9.36 CGPA
III	Ms. Annu Sharma	9.33 CGPA

B.TECH BATCH 2020-24 CSE		%
I	Vaibhav Gupta	9.29 CGPA
II	Apoorva Saini	9.22 CGPA
III	Bhavika	9.2 CGPA

B.TECH BATCH 2020-24 AI&DS		
I	Prince Saini	9.4 CGPA
II	Hitesh Kumar	9.08 CGPA
III	Aikaj Pathania	8.83 CGPA

B.TECH BATCH 2020-24 EE		
I	Bhavya Gupta	9.32 CGPA
II	Tanishk Sharma	9.21 CGPA
III	Piyush Gupta	9.11 CGPA

B.TECH BATCH 2020-24 ME		
I	Laxmikant Khandelwal	8.7 CGPA
II	Kunal Sharma	8.67 CGPA
III	Mohit Kumar	8.11 CGPA

B.TECH BATCH 2020-24 Civil		
I	Pooja Ghusinga	9.41 CGPA
II	Sailanee Bai Meena	8.87 CGPA
III	Abhishek Jain	8.85 CGPA

M.TECH BATCH 2022-24 PE		%
I	Chetan Singh	8.83 CGPA
II	Deepak Kumar	8.05 CGPA
III	Shoaib Akhtar	8.28 CGPA

M.TECH BATCH 2022-24 CSE		%
I	Anisha Jain	7.12 CGPA

PLACEMENTS The future is here...

- 17 Selection — KPLA Power
- 06 Selection — Uttam Strips
- 06 Selection — Sun Cables
- 04 Selection — Arnav Infosoft
- 18 Selection — Skillish P. Ltd.
- 05 Selection — Aaklan IT Solutions
- 01 Selection — AU Small Finance Bank
- 02 Selection — SSB Engineers
- 04 Selection — Motherson Sumi Wiring
- 04 Selection — Sanik Springs
- 02 Selection — Urban Square
- 03 Selection — Hike Education









03 Selection Pusaan Automation	01 Selection GA Infra P.Ltd.	10 Selection Halcyon Industries
03 Selection Wellcare Tools	01 Selection Havells	02 Selection India Mart
03 Selection Hike Education	02 Selection Artech	03 Selection Ceasefire
02 Selection Briskmind	02 Selection Consolebite	02 Selection Extramarks

“From Campus To Career: Paving The Path To Successful Placements”









PLACEMENTS



TUSHAR GARG (EE)

haleyon



RAHUL KATARIA (EE)

haleyon



KOMAL SAINI (EE)

haleyon



LALIT KUMAR (EE)

haleyon



ARYAN SHUKLA (ME)

haleyon



MANJEET SINGH (ME)

haleyon



JAI ANMOL (ME)

haleyon



RITIK SONI (ME)

haleyon



KRISHN SINGH RAJPUT (ME)

haleyon



ANKUSH (ME)

haleyon



ANKIT YADAV (EE)

KOTSONS



Chayan Parashar (EE)

KOTSONS



NIKITA (EE)

KOTSONS



PRIYANSHU (EE)

KOTSONS



PUNEET (EE)

KOTSONS



CHANDRESH GAUR (ME)

KOTSONS

PLACEMENTS



KUNAL SHARMA (ME)

KOTSONS



LAXMIKANT KHANDELWAL (ME)

KOTSONS



SOURABH CHOUHAN (ME)

KOTSONS



SUNEEL KUMAR (ME)

KOTSONS



DEEPAK SHARMA (MBA)

KOTSONS



MANISH MITTAL (MBA)

KOTSONS



DEEPALI GUPTA (MBA)

KOTSONS



AARTI KHANDELWAL (EE)

Motherson Sumi Systems Ltd. (MSSL)



NITIN SAINI (EE)

Motherson Sumi Systems Ltd. (MSSL)



VIJAY CHOUHAN (ME)

Motherson Sumi Systems Ltd. (MSSL)



MOHIT KUMAR (ME)

Motherson Sumi Systems Ltd. (MSSL)



GUNJAN VERMA (ME)

Motherson Sumi Systems Ltd. (MSSL)



CHAYAN PARASHAR (EE)

SUN CABLES



CHIRAG (EE)

SUN CABLES



ROHIT (EE)

SUN CABLES



VIRAJ (EE)

SUN CABLES

PLACEMENTS



KAVISH GUPTA (CE)

GA



KANIKA SHARMA (ECE)

NTTF



MANSI BESAR (EE)

metso Outotec



ANKUSH (ME)

MEKR



JATIN KUMAR LOHANI (EE)

u-shin



RITIK SONI (ME)

WELLCARE Oil Tools (P) Ltd.



PRIYANKA CHOUDHARY (ME)

WELLCARE Oil Tools (P) Ltd.



ANKUSH (ME)

WELLCARE Oil Tools (P) Ltd.



ARYAN SHUKLA (ME)

WELLCARE Oil Tools (P) Ltd.



AMAN BAGRI (ME)

WELLCARE Oil Tools (P) Ltd.



SHUBHAM JANGID (CSE)

GROWDOT SOLUTION



RIYA KHANDELWAL (CSE)

SATNAM WEBTECH PVT. LTD.



PRIYANSHU SAXENA (CSE)

Everfrend



MOHIT SAINI (CSE)

SATNAM WEBTECH PVT. LTD.



DIYA JAIN (CSE)

SATNAM WEBTECH PVT. LTD.



ABHISHEK SAINI (CSE)

TIPS-G ALWAR

Convocation

B.Tech. 2019-23, MBA 2020-22








Convocation 2024: A Moment of Pride and Celebration

The Convocation Ceremony at MITRC, Alwar, held on 24th August 2024, was a grand celebration of academic excellence and new beginnings. The event commenced with an inspiring address by the Director, highlighting the graduates' hard work and dedication. This was followed by the distribution of degrees, marking a milestone in the students' journeys. Alumni shared their success stories, motivating the fresh graduates to aim high and embrace challenges. The ceremony also included registration formalities, interactive sessions, and a vibrant community lunch, fostering connections and networking. It was a day filled with emotions, achievements, and a shared vision for a promising future.






















SMART INDIA HACKATHON

Date: 11-12 December 2024

A team from VVCE, Mysuru, Karnataka, led by Mr. Deepak Sharma, participated in Smart India Hackathon (SIH) 2024, held on 11-12 December 2024, with a project on real-time prediction of geomagnetic storms and space weather activities using Aditya L1 data. The team, including Gajal Sharma, Rohan Sharma, Anmol Bhardwaj, Mohan Singh, Apurva Singh, and Khushi Sharma, developed a deep learning-based web application using MERN & Streamlit to analyze space weather conditions and alert users about ionospheric disturbances. They prepared datasets from 2014-2016 & May 2024, incorporating solar flares, CME, plasma data, and geomagnetic storms from sources like NOAA & ISRO. Their solution provides early warnings, real-time monitoring, and visualization of space weather impacts, aiding in satellite protection and communication stability.








MITRC









"Code, Create, Conquer: Women Engineers Transforming Space Tech"

Winner at National Level Shankara Hackathon conducted on 1st and 2nd March at Jaipur. Our team named Nari Shakti got 2nd position in that Hackathon and received prize cheque of ₹ 5100.

Our team comprising Chirankshi Sharma, Muskan Gupta, Vartika Chandrul, Subhkisha Jain, Gajal Sharma, and Yashi Garg participated in Shankara Hackathon 2024, held in Jaipur. They tackled the problem of satellite tracking for non-technical users by developing a user-friendly web application. The app, built with Python for backend processing, HTML, CSS, and JavaScript for frontend, and Python libraries for database management, enables users to track satellites near their location with just location access. Their solution simplifies satellite tracking, making space technology accessible to the general public.







Meeting Research & Innovation : AICTE IDEA Lab Pics



On 7th March 2025, MITRC organized an educational visit to the AICTE IDEA Lab at the All India Council for Technical Education (AICTE) headquarters in New Delhi. The AICTE IDEA (Idea Development, Evaluation & Application) Lab initiative aims to foster innovation and hands-on learning by providing facilities that enable students and faculty to transform ideas into prototypes, thereby enhancing heir creativity and problem-solving skills. During the visit, students engaged with cutting-edge technologies and gained insights into practical applications of their academic knowledge, aligning with MITRC's commitment to experiential learning and technological advancement.







Glorious Moments

Outside Interaction

"Nonlinear Dynamic Modeling of Magnetic Levitation Sysems Using NARX Neural Networks" at the 6th National Conference on Recent Advancements in Physical Sciences (NCRAPS-2025), Jointly organized by DIT University & NIT Uttarakhand, Presented by Dr. Rajesh Kumar, Dept. of CSE & AI.





Department of Mechanical Engineering, MITRC, Alwar has Patent a design of "Winch -Assisted Life Rescue Device for Borewell " in U.K. design. On monday students prenents a demonstration on this device. Lot of congratulations to entire team.

Dr. Pramod Gupta has reviewed many Journal in South Asian Journal of Social Studies and Economics and has received certificate of Excellence.


Certificate No: PRSAJSSE131199PRA

South Asian Journal of Social Studies and Economics

Certificate of Excellence in Reviewing

awarded to

Prof.(Dr.) Pramod Gupta

Modern Institute of Technology & Research Centre -Alwar, India

in recognition of an outstanding contribution to the quality of the journal.

Date: 05.02.2025

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Please use your login and password to check the authenticity.

Dr. M. B. Mondal

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Dr. Rajesh Kumar has successfully presented the paper at 3rd International Conference on Electronics in renewable systems (IEEE) on 11 - 13 February 2025 organized by St. Mother Teresa Engineering College Tuticorin, Tamil Nadu (India)

Glorious Moments

Outside Interaction



Students of Civil Engineering presented their Project on Advanced Futuristics Green Township Model at Sobhasarai Engineering College under Ministry of Culture, Government of in Collaboration with Vigyan Bharti, Rajasthan on 18 March 2024.

Mechanical Engineering Students Project "SOLAR POWERED GRASS CUTTER" Patent Approved by UK. Design on 25 August 2023





Interaction of Civil Engineering Students with Wonder Mega City Project on 13 March 2024

Department of Electrical Engineering has organised an international seminar on "Industrial Automation". The keynote speakers were Mr. Otiniel Niemba Da Silva, Cabinda Angola and Mr. Arao Minamau Simba, Angola.



Celebrations@MITRC

DIWALI CELEBRATION





INDEPENDENCE DAY CELEBRATION





TEACHER'S DAY CELEBRATION









Celebrations

SUNDARKAND PATH





VISHWAKARMA JAYANTI CELEBRATION





BIRTHDAY CELEBRATION





FIRST IMPRESSION

Getting to know Mr. & Miss. Fresher's

MR. FRESHER'S
RITIK BATRA (MBA)



Being a student is not just about attending classes or passing exams—it's about growth, discovery, and transformation. Every challenge you face, every lesson you learn, and every effort you put in is shaping your future.Success is not about being the best; it's about being better than you were yesterday. Stay curious, ask questions, and never be afraid to step out of your comfort zone. Mistakes are not failures; they are lessons that guide you toward improvement.Believe in yourself, stay determined, and keep pushing forward. Your hard work today will open doors to endless possibilities tomorrow. The future is yours to create—so dream big, work hard, and make it happen!

MS. FRESHER'S
JASMEET KAUR (MBA)



Success is not defined by how fast you go, but by your persistence and resilience. Every step you take, no matter how small, brings you closer to your goals. Embrace challenges as opportunities to grow, and never doubt your potential. Stay focused, stay positive, and remember that hard work and determination always pay off in the end. You have the power to shape your future—keep believing in yourself!": Education is not just about grades or memorizing facts; it's about discovering who you are, understanding your potential, and developing the mindset that will carry you through life. The process of learning is not always easy, and sometimes you will encounter difficulties that feel insurmountable. But those moments, as hard as they may seem, are what build your character, resilience, and determination.

MR. FRESHER'S
SHIVASH YADAV (B.Tech. CSE)



"Always dream with open eyes, so when they come true, you are the first one to see them. Dreams are not just meant for the night; they should be a vision that keeps you awake with passion and purpose. As freshers, we step into a new journey filled with opportunities and challenges, but the key is to never stop believing in our potential. Every great achievement starts with a dream, but it is persistence, hard work, and learning that turn dreams into reality. Let's embrace this new phase with confidence, curiosity, and a relentless drive to grow. The future belongs to those who dare to dream and work towards it every single day!"

MS. FRESHER'S
JANVI TIKYANI (B.Tech. CSE)



A New Beginning: Stepping into the World of Engineering Starting my journey as a B.Tech fresher at MITRC is an exciting milestone—one filled with curiosity, ambition, and limitless possibilities. Engineering is not just about studying theories; it's about innovation, problem-solving, and building the future with technology.As I embark on this journey, I look forward to exploring core engineering principles, hands-on experiments, and real-world applications that will shape my understanding of technology and its impact. Every classroom session, lab experiment, and technical workshop is an opportunity to learn, grow, and push boundaries.Beyond academics, MITRC offers a vibrant environment for collaborative learning, teamwork, and holistic development.

GATE QUALIFIERS 2024

MITRC



Deepanshu Saini
B.Tech. CSE' 24



Manish Kumar
B.Tech. CSE' 24



Abhijeet Khatri
B.Tech. CSE' 24



Hitesh Kumar
B.Tech. AI&DS' 24



Manish Kumar
B.Tech. AI&DS' 24



Dheeraj
B.Tech. AI&DS' 24



Mosin Khan
B.Tech. EE' 24



Harshita Verma
B.Tech. EE' 24



Piyush Gupta
B.Tech. EE' 24



Pooja Ghusinga
B.Tech. CE' 24



Devesh Kumar
B.Tech. CE' 24



Montu Meena
B.Tech. CE' 24

Dream Big, Stay Positive, Work Hard & Enjoy The Journey.

Glimpses Department of Computer Science Engineering & AI



CSE & AI Students Participated in National Level SIH-2024



National Seminar on Step to Entrepreneurship



Group Discussion Activity for Placements



Induction Programme for CSE



National Seminar on Career Opportunites After Engineering



National Seminar on Aviation Simulation in Aerospace



Technology Awareness Program



National Seminar on E-Commerce in Cloud Technology

Glimpses Department of Electrical Engineering



EE Students Demonstrating Solar Bike in Project Expo.



Orientation Programe for 2nd Year Students



EE Students Demonstrating Project in Project Expo.



EE Students Demonstrating Project in India International Science Festival



Project Demonstration by 7th Sem. Student



Project Demonstration by 8th Sem. Student



Basic Electrical Circuit Design and Repairing Classes



Training Certificate Distribution For 4th Sem Student

Glimpses

Department of Mechanical Engineering



Industrial Visit To Eicher Tractor, Alwar



Project Presentation Competition



Project Presentation and demonstration



Department Activities Autocad Competition



Practical Demonstration of Solar Water Heater, Final Year Project by Mechanical Students



ME Students Demonstrating Winch Assisted Life Rescue Device for Borewell



Orientation Programme III Semester



Industrial Visit Eicher, Alwar

Glimpses Department of Civil Engineering



Celebration of Vishwakarma Day



Civil Engineering Student Presenting Project SEC College



In House of Training of AutoCAD, By Dept. of CE



In-house Software training for IV & VI Semester



Final Year Students Presented Their Projects On Various



Internal Smart India Hackthon



Students participated in Cleaning Campaign on 21 Sep 2024



Industrial Visit by 4th & 6th sem Students at Wonder City Alwar

Glimpses

B.Tech I Year



Industrial Visit NIRMAL INDUSTRY PVT LTD, Alwar



Cricket Tournament



Industrial Visit ROCA PARRYWARE, Alwar



Industrial Visit ROCA PARRYWARE, Alwar



Industrial Visit Parle JI, Neemrana, Alwar



Basketball Tournament



The Engineers Journey Exploring Opportunities Beyond the Class



Awareness Session on Thinking, Ideation and Innovation

Glimpses Department of Management Studies



National Seminar on "Step to Entrepreneurship"



National Seminar on "Step to Entrepreneurship"



CLEANING CAMPAIGN (21-09-2024)



ITC Brand Promotion -Bingo Tede Mede (10-12-2025)



Teacher's Day Celebration (5-9-2024)



Blood Donation Camp (23-11-2024)



Industrial Visit MBA III Sem (Parle Biscuits Pvt. Ltd.)



Industrial Visit MBA IV Sem on 22-02-2025 (Parryware Roca 22-02-2025)

Monsoon Mania

Date: 1,2,3 August 2024 @MITRC

MITRC celebrated Monsoon Mania from 1st to 3rd August 2024, bringing together students, faculty, and staff for an exciting mix of fun, learning, and engagement. The event fostered a spirit of togetherness with various activities, including cultural performances, interactive sessions, indoor games, and plantation drives, making the most of the monsoon season. Enthusiastic participation from all ensured a vibrant and joyful atmosphere, strengthening bonds within the MITRC community. The event concluded with inspiring speeches and group activities, leaving everyone with cherished memories of Monsoon Mania 2024.











PROJECT EXPO











MITRC@NEWS

प्लेसमेंट ड्राइव का आयोजन



एमआईटीआरसी में हैण्ड्स ऑन ट्रेनिंग



एमआईटीआरसी में विद्यार्थियों के लिए ओरिएंटेशन प्रोग्राम का आयोजन



एमआईटीआरसी के छात्रों का डिजाइन पैटर्न



एमआईटीआरसी के विद्यार्थियों ने जयपुर में आयोजित वूट कैम्प में पाया प्रथम स्थान



अंतरराष्ट्रीय सेमिनार का आयोजन



आईआई के सहयोग से एमआईटीआरसी कॉलेज में स्टूडेंट चैप्टर की शुरुआत



विद्यार्थियों ने किया शैक्षणिक भ्रमण



विद्यार्थियों का विदाई समारोह हुआ



विद्यार्थियों ने किया शैक्षणिक भ्रमण



सीनियर विद्यार्थियों को दी विदाई



जीवन में योग को अपनाने पर बल

विद्यार्थियों के लिए ओरिएन्टेशन प्रोग्राम



विद्यार्थियों का विदाई समारोह हुआ



एमआईटीआरसी के विद्यार्थियों ने जयपुर में आयोजित वूट कैम्प में पाया प्रथम स्थान



MITRC@NEWS

शिविर में 87 यूनिट रक्तदान



हैण्ड्स ऑन ट्रेनिंग का आयोजन



कन्ट्रोलर डिजाइन तकनीक पर गेस्ट लेक्चर का आयोजन



एमआईटीआरसी के 12 विद्यार्थी गेट-2024 में सफल हुए

सीनियर विद्यार्थियों को दी विदाई



एमआईटीआरसी में हैण्ड्स ऑन ट्रेनिंग



एमआईटीआरसी में अंतरराष्ट्रीय मिनार का आयोजन हुआ



विद्यार्थियों ने किया शैक्षणिक भ्रमण



एमआईटीआरसी: हैंड्स ऑन ट्रेनिंग



हैण्ड्स ऑन ट्रेनिंग का आयोजन



एमआईटीआरसी के विद्यार्थियों का प्रोजेक्ट ...विज्ञान महोत्सव में तीसरा स्थान



एमआईटीआरसी में विद्यार्थियों को दिखाई ...रयान-3 मिशन की लाइव लॉन्चिंग

एमआईटीआरसी: हैंड्स ऑन ट्रेनिंग





एमआईटीआरसी में एमबीए विद्यार्थियों का विदाई समारोह आयोजित हुआ

एमआईटीआरसी: हैकेथॉन में द्वितीय स्थान

एमआईटीआरसी में विद्यार्थियों के लिए ऑन्टरशिप प्रोग्राम का आयोजन



राष्ट्रीय सेमिनार का आयोजन



जीवन में योग को अपनाने पर बल

EXPERT'S OUTLOOK

"बेटी"



बेटी बेटियों का जन्म प्रभु का प्रसाद होता है
माता पिता का जीवन साकार होता है।
मायूस न हो इंसान
बेटी का जन्म तुलसी सा पवित्र पौधा है
इनसे घर आंगन महकता है।
इनके परों को न काटो ये जीवन मे उचाइयां छूती है
आकाश की शोभा का दमन होता है।
नादान है वो जो नहीं समझते,
बेटियों के होने से ही घर हँसता है
इनका मीठे दरिया सा हृदय बूढ़े माँ बाप का सहारा होता है
दु:ख पीड़ा में सबका साथ निभाती है,
दो घरों की जिम्मेदारी में अपना सार्थक किरदार निभाती है
क्यूँ करें हम सदा, बेटों का गुणगान
सफलता मै बेटी भी बढ़ाती हैं मान
बेजान मकान को पहले घर बनाती है
फिर अपनी ममता से प्यार का मंदिर बनाती है।

Mrs. Chhavi Nagpal
HR Manager, MITRC

"हम सो कर कब उठेंगे"



हम सो कर कब उठेंगे,
अनंत बलिदानों से अर्जित इस स्वतंत्रता का मूल कब समझेंगे,
हम से ज़्यादा यह देश हमारी ज़िम्मेदारी है यह हम कब समझेंगे,
विचारों का मंथन कर देश हितों में कब अपना क़दम बढ़ाएँगे,
भेदभाव और मतभेदों को भुला कर,
देश में कब समता और समरसता की बहार लाएँगे,
अपने लिए तो बहुत कर लिया,
इस देश का कर्ज़ कैसे चुकाएँगे,
कब हम विश्व का गुणगान छोड़, सच्चे मन से देश के विकास में अपना योगदान देंगे,
सत्ता और धर्म की राजनीति से कब छुटकारा पाएँगे,
कब सिर्फ़ देश सेवा की दिशा में सोचेंगे,
स्वतंत्रता सेनानियों का मकसद बस मुल्क़ आज़ाद कराने का न था,
बल्कि पूरा राष्ट्र बनाने का थाए यह बात हम कब समझेंगे,
स्वतंत्रता का हर उत्सव हम ज़रूर मनाएँगे,
पर गरीब की भूख, सेना के अनंत बलिदान, माँ.बेटी के सम्मान का मूल्य कब समझेंगे,
कब तक हम यूँ ही सोते रहेंगे,
आखिर कब हम सो कर उठेंगे!!

Dr. Rajesh Kumar
Assistant Professor, EE

Unraveling the Hidden Threat: How Heatwaves Amplify Emerging Contaminants in Our Rivers



Climate change is no longer a distant threat—it's here, reshaping our environment in profound ways. Among its most visible impacts are heatwaves, which have surged in frequency and intensity globally. These prolonged periods of extreme heat don't just strain human health and infrastructure; they also disrupt delicate ecological balances, particularly in river systems that sustain life. At the same time, a less visible but equally pressing challenge looms: the rise of *emerging contaminants*—pharmaceuticals, microplastics, pesticides, and industrial chemicals silently infiltrating waterways. This article explores groundbreaking research into how heatwaves interact with these contaminants, creating a complex environmental puzzle with urgent implications for climate adaptation. The Nexus of Heatwaves and Contaminants: Why It Matters

Emerging contaminants (ECs) are substances not traditionally monitored but increasingly detected in rivers, with effects on ecosystems and human health still poorly understood. From antidepressants in wastewater to microplastics in drinking water, these contaminants resist conventional treatment and persist in the environment. Heatwaves add a new layer of complexity: higher temperatures can alter chemical solubility, accelerate degradation, or even transform benign compounds into toxic ones. For instance, elevated temperatures might reduce oxygen levels in rivers, stifling microbial communities that naturally break down pollutants. Conversely, some contaminants, like PFAS (“forever chemicals”), could become more mobile in warmer waters, spreading farther and faster.

Implications: From Science to Solutions

The implications of this research are vast. If heatwaves indeed enhance the toxicity or spread of ECs, communities must rethink water management strategies. Wastewater treatment plants, for example, may need to adopt temperature-resilient technologies. Policymakers could prioritize regulating contaminants most vulnerable to climatic shifts, while urban planners might restore wetlands as natural buffers against heating and pollution.

A Call for Interdisciplinary Action

This work underscores the need for collaboration across fields. Civil Engineers, Climate scientists, chemists, and public health experts must unite to address this “double threat” of warming and contamination. Students in Civil Engineering, Biology, and Data Science all have roles to play—whether in designing greener chemicals, improving detection methods, or advocating for evidence-based policies.

As heatwaves become the new normal, understanding their synergy with emerging contaminants is critical to safeguarding water quality. This research not only illuminates hidden risks but also empowers societies to adapt. By marrying innovation with urgency, we can turn the tide—ensuring rivers remain lifelines for generations to come.

This article highlights the urgency of interdisciplinary research in addressing climate-driven challenges. Stay informed, stay curious, and consider how your field can be part of the solution.

Mr. Kamal Pandey
Assistant Professor
Dept. of Civil Engineering

What is Mechanical Engineering ?



Mechanical Engineering is a diverse subject that derives its breadth from the need to design and manufacture everything from small individual parts and devices (e.g., microscale sensors and inkjet printer nozzles) to large systems (e.g., spacecraft and machine tools). The role of a mechanical engineer is to take a product from an idea to the marketplace. In order to accomplish this, a broad range of skills are needed. The mechanical engineer needs to acquire particular skills and knowledge. He/she needs to understand the forces and the thermal environment that a product, its parts, or its subsystems will encounter; to design them for functionality, aesthetics, and the ability to withstand the forces and the thermal environment they will be subjected to; and to determine the best way to manufacture them and ensure they will operate without failure. Perhaps the one skill that is the mechanical engineer's exclusive domain is the ability to analyze and design objects and systems with motion.

Since these skills are required for virtually everything that is made, mechanical engineering is perhaps the broadest and most diverse of engineering disciplines. Mechanical engineers play a central role in such industries as automotive (from the car chassis to its every subsystem—engine, transmission, sensors); aerospace (airplanes, aircraft engines, control systems for airplanes and spacecraft); biotechnology (implants, prosthetic devices, fluidic systems for pharmaceutical industries); computers and electronics (disk drives, printers, cooling systems, semiconductor tools); microelectro mechanical systems, or MEMS (sensors, actuators, micropower generation); energy conversion (gas turbines, wind turbines, solar energy, fuel cells); environmental control (HVAC, air-conditioning, refrigeration, compressors); automation (robots, data and image acquisition, recognition, control); manufacturing (machining, machine tools, prototyping, microfabrication).

The breadth of the mechanical engineering discipline allows students a variety of career options beyond some of the industries listed above. Regardless of the particular path they envision for themselves after they graduate, their education will have provided them with the creative thinking that allows them to design an exciting product or system, the analytical tools to achieve their design goals, the ability to overcome all constraints, and the teamwork needed to design, market, and produce a system. These valuable skills could also launch a career in medicine, law, consulting, management, banking, finance, and so on.

Dr. Pradeep Kumar Sharma
Assistant Professor
Dept. of Mechanical Engineering

SUCCESS MANTRA IN OUR LIFE



1. Success can be defined as the level of happiness or fulfilment one feels after accomplishing one's goals.
2. There is no universal formula or mantra for success that applies to everyone on the planet. Success means different things to different people.
3. Never chase success because it will only lead to unhappiness in life.
4. Success necessitates consistent hard work and determination, which many people are unwilling to invest.
5. To be successful in life, one must set a goal and work tirelessly toward it.
6. Successful people are very good at managing their time, so if you want to be successful in life, learn how to manage your time.
7. Always learn from your mistakes and previous experiences. Never let your history define you.
8. Make a detailed plan for your life and write down the various goals you want to achieve in each area of your life.
9. Do not be demotivated when you fail because failure can sometimes be the only thing that helps you determine your life.
10. Success is a direct result of the effort you put into achieving your goal.
11. A success mantra is a positive affirmation that can help you stay motivated and focused on your goals. Some examples of success mantras include:
    - I. **Gayatri Mantra:** "Om Bhur Bhuva Swaha, Tat Savitur Varenyam, Bhargo Devasya Dhimahi, Dhiyo Yo Nah Prachodayat".
    - II. **Ganesh Mantra:** "Vakratunda Mahakaya Suryakoti Samaprabha, Nirvighnam Kurume Deva, Sarva Karyeshu Sarvada".
    - III. **Bheej Mantra of Lord Ganesh:** "Om Gam Ganpataye Namaha".
    - IV. **Mantra of Hanuman:** "Om Shree Hanumate Namah".

Dr. Pramod Gupta
Professor
Department of Management Studies

"Artificial Intelligence in Accounting Profession"



Efficiency and productivity

AI revolutionises efficiency in accounting, automated data entry, processing and reconciliation, resulting in streamlined financial close and audit processes. These technologies minimise the manual errors that boost accuracy and save valuable time for strategic advisory services. Predictive analytics and forecasting empower CAs to make informed decisions, driving business growth. Real-time financial insights and dashboards provide unparalleled visibility, enabling proactive financial management. AI enables personalised financial advice and planning, automating tax preparation and filing, and providing a real-time financial monitoring and alerts. It also enhances communication and collaboration, fostering a strong client relationship.

Growth and Innovation

AI unlocks new service offerings, such as forensic accounting, financial planning, and business intelligence. AI insights not only develop advisory services, including data analytics, digital transformation consulting, and IT advisory which drives innovation, but also enables CAs to stay ahead of industry trends.

Accuracy Elevated

Predictive analytics detects anomalies with uncanny precision, reducing audit risk by a staggering 70%[1] . This heightened accuracy is further reinforced by automated reconciliation, ensuring financial statements are scrupulously accurate and minimising errors[2] . Moreover, advanced tax planning mitigates liabilities, ensuring unwavering compliance and reinforcing the importance of accuracy.

Informed Decision-

Making Real-time financial insights empower data-driven decision-making, facilitate astute business choices. Additionally, benchmarking and industry's analysis provide invaluable context, informing strategic decisions (Accenture, 2019). Continuous monitoring and risk assessment enable informed decision-making, ensuring agility and responsiveness to changing market conditions.

Compliance Ensured

Automated regulatory reporting ensures accuracy and timeliness, safeguarding adherence to stringent regulations. Furthermore, advanced compliance monitoring vigilantly safeguards regulatory adherence (Deloitte, 2020). Risk assessment identifies potential threats, ensuring proactive mitigation and maintaining compliance.

Cost Savings

Automation reduces labour costs by up to 40%[3] providing substantial cost savings. This reduction in costs is complemented by streamlined audit processes, which may reduce audit fees. Advanced tax planning minimises tax liabilities, optimises financial performance and amplifies cost savings.

Competitive Edge

Adopting innovative technologies enhances firm's reputation and credibility, distinguishes the forward-thinking firms. Consequently, top talent is drawn to pioneering organisations, driving business growth and innovation. The combination of different services, fuelled by technology, further enhances a firm's competitive advantage.

Future-Proofed

Embracing emerging technologies ensures the industry's relevance, and future-proofing accounting professionals. Innovation drives business growth, securing a competitive edge and positioning firms for long-term success. As AI continues to shape the accounting landscape, numerous key challenges must be addressed.

References

1. "Artificial Intelligence in Accounting". (n.d.). Retrieved from ICAI (Institute of Chartered Accountants of India).
2. "How AI Will Change Accounting". (n.d.). Retrieved from Accounting Today.

Mr. Rajesh Kumar
Assistant Professor
Department of Management Studies

भाविद्यार्थियों को समर्पित प्रेरणादायक कविता



पग–पग पर जो बाधा आए,
हर संकट में जो दिल घबराए,

याद रखना अंधियारे के बाद,
उजाले का सूरज मुस्कुराए।

सपनों की ये जो ऊँची दीवार,
तेरी मेहनत से होगी पार,

संघर्ष की राहें मुश्किल सही,
मंजिल है तेरी बस एक कदम पार।

जो गिर गया है, वो फिर उठेगा,
जो ठान ले वो सब कुछ करेगा,

हार की धुंध से न घबरा कभी,
हर रात के बाद सूरज खिलेगा।

ज्ञान की मशाल तेरे हाथों में है,
विश्वास की आग तेरी बातों में है,

आगे बढ़, हर मुश्किल को मात दे,
तेरी उड़ान, तेरी सोच में है।

तो अब न रुकना, न थकना कभी,
अपने लक्ष्यों को गले लगा,
विश्वास है तुझमें वो ताकत छुपी,
जो हर तूफान से जीत जाएगा।

Dr. Raish Muhammad
Professor & Head
Department of Mathematics

"राही का सफर"



स्याह रात के गहरे तम में
जब राही खडा अकेला सोचेगा
सब पहुंच चुके हैं अपने घर को
तू ही न जाने कब मंजिल को पहुंचेगा।
सब निकल गए आगे तुझसे
तू ही क्यों इतना पिछड गया
संग चले थे सब के सब
तू क्यों उनसे बिछड गया।
अब भय भी तुझको घेरेगा
अंधियारी राह भी तुझे डराएगी
हिम्मत भी तेरा अब साथ न देगी
छोटी सी ठोकर भी तुझे गिराएगी
स्याह रात के गहरे तम में
जब राही खडा अकेला सोचेगा
सब पहुंच चुके हैं अपने घर को
तू ही न जाने कब मंजिल को पहुंचेगा
तम गहरा है पर अजर नही है
पग भी तो तेरे अचर नहीं हैं
जो मुश्किल सीना तान खडी है
यह मुश्किल भी तो अमर नही है
इस रात की भी तो ठौर होगी
यहां नहीं तो कहीं और होगी
तू बस चलता रह ये चांद गवाह है
यह ढल जाएगा और भोर होगी

Mr. Rajan Saini
Assistant Professor
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BRAIN COMPUTER INTERFACE -THE FASTEST GROWING EMERGING TECHNOLOGY



A brain-computer interface (BCI) is a device that lets the human brain communicate with and control external software or hardware, like a computer or robotic limb.A Brain Computer Interface(BCI) is a direct connecting technology to communicate human brain directly to a computer or any other communication device without any physical contact . BCI often called Mind Machine Interface(MMI) or Direct Neural Interface(DNI). A BCI is a collaboration in which a brain accepts and controls a mechanical device as a natural part of its representation of the body. BCI are designed to restore sensory function, transmit sensory information to the brain or stimulate the brain through artificially generated electrical signals.The BCI reads the waves produced from the brain at different locations in the human head,translates these signals into actions and commands that can control the computer.The BCI can lead to many applications especially for disabled persons in which they can help them in living as normal people. Brain-computer interfaces (BCI) are devices that create a direct communication pathway between a brain's electrical activity and an external output. Their sensors capture electrophysiological signals transmitted between the brain's neurons and relay that information to an external source, like a computer or a robotic limb, which essentially lets a person turn their thoughts into actions. These brain chips go over the scalp in a wearable device, get surgically placed under the scalp or even get implanted within brain tissue. The idea is that, the closer the chip is to the brain's neural network, the more clear, or "high definition," a signal can be interpreted.

The history starts with Hans Berger's discovery of electrical activity of human brain and EEG in 1924.Afterwards the research on BCI began on 1970 at the university of California,Los Angeles.The first Intra- Cortical Brain Computer Interface was built by implanting electrodes into monkeys. After conducting initial studies in rats during the 1990's,researchers developed BCI that decoded brain activity in monkeys & used the devices to reproduce monkey movements in robotic arms. Perhaps the most popular example of a brain-computer interface is Neuralink, a chip that was implanted into a quadriplegic patient's brain in 2024 and allows him to control a computer.

Brain-computer interfaces are devices that process brain activity and send signals to external software, allowing a user to control devices with their thoughts. With BCI technology, scientists envision a day when patients with paralysis, muscle atrophy and other conditions could regain motor functions. Rehabilitation services could also adopt BCIs to accelerate recovery from injuries. Ramses Alcaide, CEO of neurotech startup Neurable, which develops non-invasive brain-computer interfaces in the form of headphones, sees potential for BCI-enhanced devices to become an everyday item for the average person."If we can make brain-computer interfaces accessible and seamless enough then they can be integrated into our daily lives, just as we use smart phones or laptops today," Alcaide told Built In. "But in order to truly become a ubiquitous tool, they need to be comfortable, intuitive and reliable enough that people can use them without consciously thinking about them — similar to how we use a mouse or keyboard to interact with a computer." Excitement around the possibilities of BCI has resulted in a thriving

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सृजन





Anshika Jain
CSE 6th Sem.





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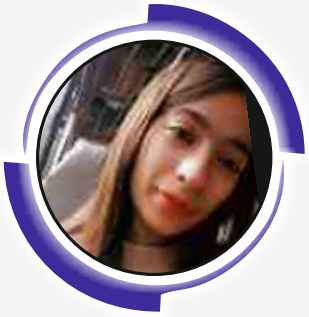
Mohit Saini
CSE 8th Sem.

Footsteps of Time



The corridors hum with steps of the past,
Laughter and lessons that echo so fast.
Chalk dust settles, memories stay,
Each moment a brushstroke, shaping the day.

The future waits with open doors,
A sea of paths, untraveled shores.
So walk with courage, don't rewind,
For time moves forward—stay aligned.

Devanshi Arora
CSE 8th Sem

अल्फाजों की कशमकश



की अल्फाजों मै बयान नहीं होते है लवज यह प्यार के,
इनको मुकम्बल करने के लिए चाईए वोह फूल गुलाब के,

फिर भी फीकी रह जाती है पंखुड़ी वोह गुलाब की,
इनको जाहिर करने के लिए चाईए बाग वोह गुलाब के।

की खमोश रह कर भी समझते है इशारे तुम्हारे प्यार के ,
मुस्कुराकर भी शांत रहते है जैसे फूल ये गुलाब के।

Kartik Jain
CSE 8th Sem.





Harjot Singh
ME 6th Sem

अध्यापक का महत्व



क्या बोलू उनके बारे में, जिन्होंने हमे बनाया।
जीवन की हर मुश्किल में, जीने का सार सिखाया।।
दुनिया की इस भीड़ में, पडे पत्थर को हथियार बनाया।
माता पिता ने जन्म दिया, पर जीना उन्होने सिखाया।।
बचपन से कामयाबी तक, हर पल साथ निभाया।
हर मुश्किल के वक्त हमारे, आगे आ जाते है।
हम तो बढ़ते जाते है, पर वह वहीं खड रह जाते हैं।
एक जीवन के अन्दर बहू, लाखो मंजिल तक पहुचाते है।
अन्दर सबको चलना सिखाकर, खुद बहीं खडे रह जाते है।
हमारी हर कामयाबी में, हमसे ज्यादा खुश हो जाते है ।।
वह और कोई नही, वह अध्यापक कहलाते हैं।
उनसे बड़ा इस दुनिया में, और कोई भगवान नही ।।
गुरु के चरणो से अच्छा, दुनिया में कोई स्थान नही ।।

Sonu Chauhan
ME 6th Sem





Priyanshu Bansal
AI&ML 4th Sem



Rahul Saini
AI&DS 6th Sem

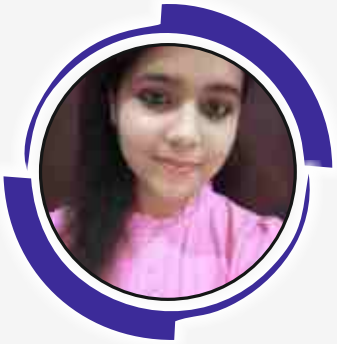






Riya Gaud
AI&DS 4th Sem





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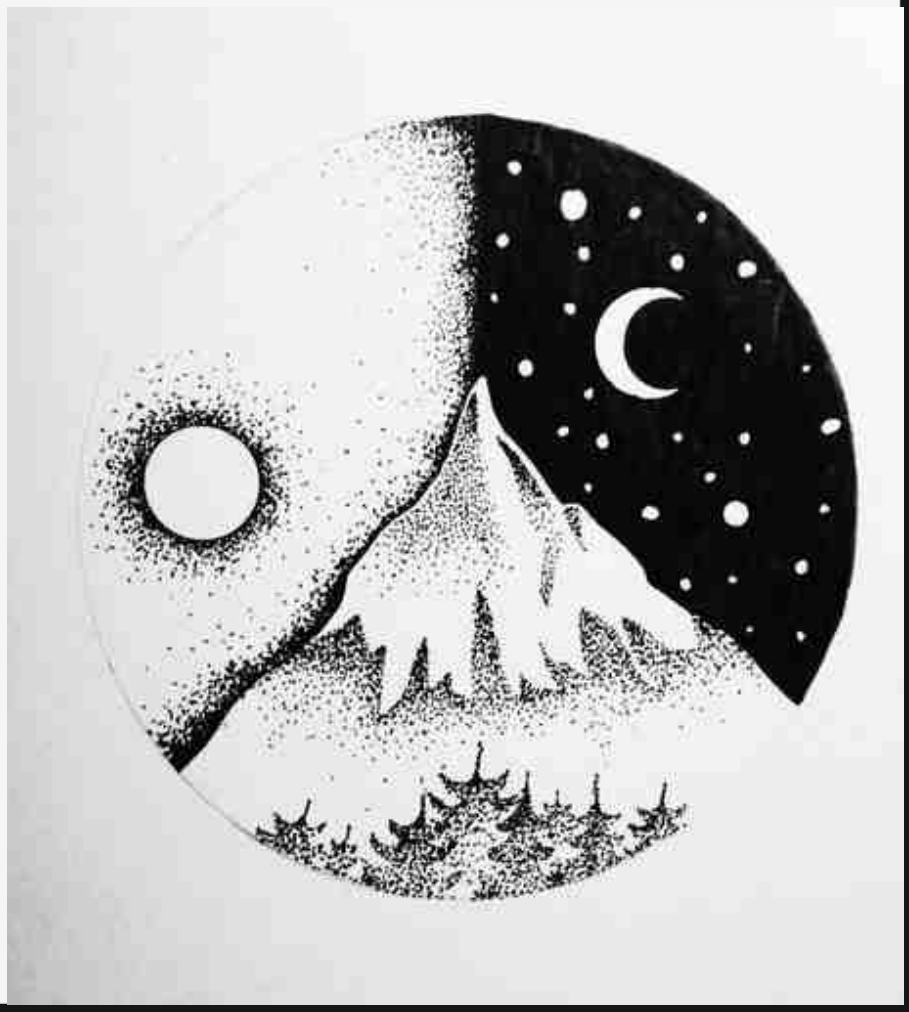
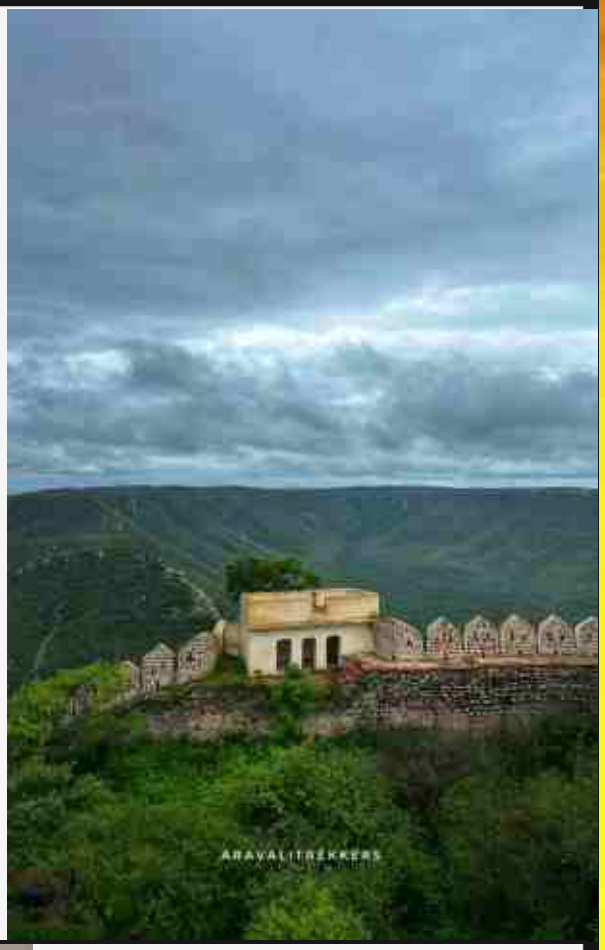


Sakshi
MBA 4th Sem



Dakshita
MBA 4th Sem







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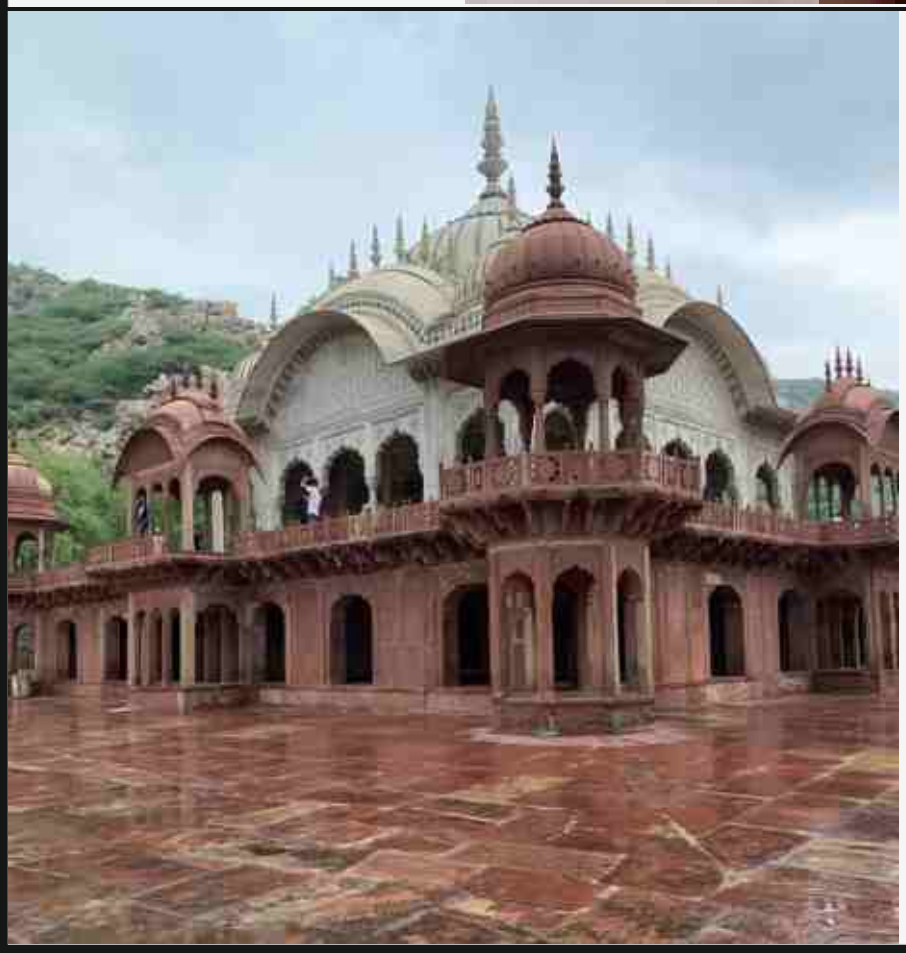



Dr. Rajesh Kumar
Assist. Prof. CSE&AI

EUPHORIA

Wedding & Cradle Bells..

MITRC Family congratulates the members for
their new beginning & wishes them a happy married life



Mrs. & Mr. Amit Kumar



Mrs. & Mr. Rajesh Kumar



Duggu & Bunnu
(S/o Mr. Arvind Sharma)



Adhya (D/o Mr. Alok Kumar)

गुरु ब्रह्मा गुरु विष्णु: गुरु देवो महेश्वर: । गुरु : साक्षात् परं ब्रह्म तस्मै: श्री गुरवे नम:

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"The only way to do great work is to love what you do"



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