

# 21 YEARS OF **EXCELLENCE**































BACHELOR OF TECHNOLOGY	INTAKE
COMPUTER SCIENCE & ENGG.	240
COMPUTER SCIENCE & ENGG. (AI&DS)	60
COMPUTER SCIENCE & ENGG. (CYBER SECURITY)	30
COMPUTER SCIENCE & ENGG. (IOT)	30
INFORMATION TECHNOLOGY	60
CIVIL ENGINEERING	30
ELECTRICAL ENGINEERING	30
MECHANICAL ENGINEERING	30
MASTER OF TECHNOLOGY	INTAKE
COMPUTER SCIENCE & ENGG.	9
DATA SCIENCE	18
INFORMATION TECHNOLOGY	18

PhD. in Computer Science As Per RTU DAT

### **GLOBAL INSTITUTE OF TECHNOLOGY, JAIPUR**

#### **INSIDE MAGAZINE**

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## Global Institute of Technology, Jaipur

#### **INSIDE MAGAZINE**

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#### **ABOUT GIT**

Global Institute of Technology was established in year 2002 by Kandoi Group of Companies. The group is committed to facilitate technical education in the state of Rajasthan by implementing globally competitive education standards. GIT enjoys the privilege of being the first private engineering college in North India to be accredited twice by NAAC-UGC. GIT has been pioneering technical education for the last two decades and has been consistently ranked among the top private engineering colleges of Rajasthan since its inception. GIT is an innovative and inspiring place to study and prides itself on preparing students for their future. Your educational experience at GIT will be truly memorable. By choosing GIT, you'll enjoy an excellent standard of teaching and study alongside other motivated and driven young professionals who are hungry to learn and eager to make a difference.

#### VISION

To contribute to human development through academic pursuits and be a trendsetter in the field of Technical Education.

#### **MISSION**

To establish a world-class quality learning environment by way of developing value value-based education system, powered by brilliant professionals and leaders in the field of engineering.



# PROFESSIONAL COLLABORATIONS WITH ACADEMIC | INDUSTRY



#### CATALYST

Catalyst AIC is an incubation and innovation center set up by IFMR in Jaipur, under a grant from NITI Aayog's Atal Innovation Mission. The center supports and helps scale inclusive tech startup, which are building digital solutions to enhance livelihoods for India's last mile communities



#### **REDHAT**

Red Hat Academy partners with global institute of technology to provide the next generation of IT talent with free access to a range of Red Hat's training courses and certification exams.



#### **GRRAS**

GRRAS Solutions Pvt. Ltd. seeks to create and promote implementation of practical learning approach focusing on industry driven content

# **MEMORANDUM OF UNDERSTANDING (MOU)**

MoU has been signed to provide training, industrial projects, guest lectures, and internships to our students.











#### WELFARE ACTIVITIES FOR STUDENTS

- Mentor System
- Anti-Ragging Committee
- Discipline Committee
- Research & Development Cell
- Global Gladiators (Sports Club)
- Grievance Redressal Committee
- Parakh Portal
- Coding Club
- NPTEL Local Chapter
- Incubation Club





"We are
committed to
mobilizing GIT
college's
intellectual,
human and
financial
resources to fully
realize our
promised
dreams"...

# Shri Raj Kumar Kandoi

#### Chairman

The GIT College is a legendary place and home of some of the most accomplished academic leaders. Taken as a whole, the faculty has a record of achievement that is unmatched in academia. Our faculty members are passionate, curious, energetic and are working to explore fundamental questions that posed in the service of expanding knowledge. This institution emphasizes on inquiry and discovery that sets it apart from its peers and has sustained its excellence over more than 20 years.

find themselves in the heart of Jaipur. The college offers a generous stipend to the selected meritorious students. The act of creating something truly novel occurs so rarely that it is seldom followed by another such act. We are committed to mobilizing GIT college's intellectual, human and financial resources to fully realize our promised dreams.

Venturing beyond our leafy, serene campus, the students



"It gives me immense pleasure to experience the warmth of this literary tradition"...

### Mr. Naman Kandoi

**Secretory & CEO** 

Congratulate the editorial team for bringing out yet another edition of the annual college magazine "GIT-TECHNIDO-2022".

As CEO of the institution, I am proud of the commitment of the faculty to the holistic development of young engineers towards which our efforts remain focused.

My best wishes are with Principal, HODs, faculty, and the students of our institution.

Happy Reading!



"I wish for the different voices from this platform to make the presence of this effort felt far and wide".

### Dr. I.C. Sharma

#### **Principal**

It gives me immense pleasure in bringing out Annual Magazine TECHNIDO-2022. GIT is among the reputed technical institutions imparting finest quality technical education. The evolution of the institute over the past 20 years has witnessed strong blend of state-of-the-art infrastructure and intricately intertwined human resources committed to provide professional education with thrust on creativity and innovation.

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

In GIT, it is believed and practiced that excellence is a continuous process, and in pursuit of which the institute has made deep forays into contributing world renowned technocrats. successful entrepreneurs, leaders, innovative scientists, and researchers. I wish our TECHNIDO-2022 continue to inspire and support the cause of quality education and bring out the achievements and talents student among the community.



# Shri Manoj Kumar Mahla

#### **Executive Director**

A warm welcome to the publication group for distributing the GIT yearly "GIT-TECHNIDO-2022". It is a matter of great pleasure for me to go through the wonderful contributions made by the students and staff. This magazine is intended to bring out the hidden literary talents in the students and the teachers and to inculcate leadership skills among them.

The outside world will come to know about the caliber of the students through this magazine. I extend my sincere thanks to all the contributors for their articles, poems, and drawings. "GIT-TECHNIDO-2022" is a perfect fusion of faculty and students achievements. The writeups, articles, art photography, personal experiences, and wonderful memories of people reflect their creativity and potentiality. Students are like clay in our hands. Like a sculptor, we can carve their personalities as well as behavior. This magazine enlightens our growth and gives life to our thoughts and manifests. I congratulate the entire "GIT-TECHNIDO-2022" team for their dynamic work that has resulted in bringing out this magazine. across the GIT college, the nation and the world campaign to achieve academic excellence and contribute for the benefit of humanity.



## Mr. Praveen Sharma

#### **VP-Marketing & Liaising**

It gives us immense pleasure to bring out the college magazine "GIT-TECHNIDO-2022". This magazine has been an effective platform for students and staff to express their talents and hidden skills.

We would like to take this opportunity to express our sincere thanks to all the Trustees ,Principal, HODs and Faculty members of GIT.

We thank the Editorial Board Members for their Informa suggestions and advice. We are indebted to the student members of the Editorial Board for their seamless efforts in bringing out the magazine in a colorful way.



(Chief Editor)

## Mr. Amit Kumar

Assistant Professor

Computer Science & Engineering

"Education is not the learning of the facts but the training of the mind to think", said Albert Einstein. In unison with the harmonious blending of ideas, I feel honored to be associated with the team including the Magazine Committee members, teachers representing different departments and students from various streams who together have made GIT-TECHNIDO-2022 see light of the day. I wish for the different voices from this platform make the presence of this effort felt far and wide. After a few years' hiatus, the college magazine has again emerged and the credit for this achievement goes to all who have contributed in making this possible.

### **GLOBAL INSTITUTE OF TECHNOLOGY, JAIPUR**

#### **EDITORIAL BOARD**



**Mr. Pradeep Jha**Head of Department
CSE



Mr. Ghanshyam Mishra
Head of Department
ME|CE



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1st Year



Student 2nd Year, CSE



Student 2nd Year, CSE

# Department of Computer Science & Engineering

#### **HEAD OF DEPARTMENT**



## Mr. Pradeep Jha

Department of CSE

The Department of Computer Science & Engineering is committed towards imparting quality education and developing future technocrats in the stream of computers. It is focused towards its mission of facilitating students progress by providing strong foundation in fundamental concepts as well as inculcating core values of professionalism and ethics.

Our Aim is to improve the quality of student's result, to inculcate the right Domain skills required in Computer Science & Engineering, to create passionate students heading towards self actualization and to promote creative problem solving related to societal needs.

The Department is pillared by the qualified and experienced faculty and backed by the student centered teaching learning processes. The department presents them with plenty of opportunities for applying their acquired knowledge and critical thinking skills, thus striving to provide a bridge between the theory and the practice.

#### **ABOUT DEPARTMENT**

This Department deals with both software and hardware aspects of computer that provide ways to speed up and optimize the work not only of the industry but also of common people.

It deals with the development, utilization, inter-relations and confluence of computers, networking, telecommunications and technology management in the context of global interests.

Presently it has a vast potential of job opportunities within and outside the country.

### **SALIENT FEATURES**

GIT Jaipur brings excellent opportunities to the CSE students, thanks to their industry-specific curriculum, skilled and trained faculties, world-class infrastructure, modern equipment units in the laboratory, and so on. Throughout the four years of the course plan, you will study different subjects concerning computer science topic. You will gain knowledge about software and hardware, so you can have better chances of getting your dream job in several companies.

#### VISION

The vision of the department of Computer Science & Engineering is to be recognized as trendsetter of its undergraduate program through focus on core competencies multidisciplinary collaborations and quality in education.

#### **MISSION**

The mission of the Department of Computer Science & Engineering is to produce highly qualified, well formed and motivated graduates possessing fundamental knowledge of engineering practices and research of computer science & engineering who can provide leadership and service to our nation.

### **DEPARTMENTAL ACTIVITIES**

5-Day 'Salesforce' Workshop 2nd -6th Dec, 2023







A 5 days workshop on "Salesforce "under Department of Computer Science and Engineering of GIT Jaipur, was started on 2nd December October, 2023 (Saturday) The session was organized by Global Institute of Technology collaboration with Trailblazer Community for Engineering Undergraduate students.

Mr. Uma Shankar Arora, Managing Director @SevenX | Tech Entrepreneur started welcome address, and explained invite newbies, job seekers, young minds, freshers, beginners to gain knowledge about Salesforce through Trailblazers in Campus program began in December 2022, which will help them not only in learning Salesforce but also to build a Successful Career on Salesforce.com Platform..

### **DEPARTMENTAL ACTIVITIES**

#### **Session Introduction**





## Gain knowledge about Salesforce







#### **DEPARTMENTAL ACTIVITIES**

one-week Faculty Development Program (FDP) on Data Science and ML.

Speaker 1: Dr. Nitesh Pradhan,

Speaker 2: Ms. Roopal

(corporate trainers in the field of Data Science and Machine Learning)

News

Session on data science

## शिक्षा प्रणाली के लिए प्रोग्राम जरूरी'

जयपुर @ पत्रिका प्लस. ग्लोबल इंस्टीट्यूट ऑफ टेक्नोलॉजी में सेलेबल टेक्नोलॉजी प्रा. लिमिटेड व एड्रेका लर्निंग सेंटर के संयुक्त तत्वावधान में फैकल्टी डवलपमेंट चलने वाले प्रोग्राम में शिक्षण फीश्रण दिया जा रहा है। दसमें प्रधान ने कक्षा में सीखने-सिखाने



प्रोग्राम शुरू हुआ। 28 जनवरी तक वताया। कंप्यूटर साइंस हेड प्रदीप झा ने स्पीकर व फैकल्टी का कौशल, मशीन लर्निंग विषय पर स्वागत किया। वक्ता डॉ. नितेश



Introduction

Session on Machine Learning





Global Institute of Technology, Jaipur, organized a oneweek Faculty Development Program (FDP) from 23rd to 28th January 2023 at the Department of **Artificial** Intelligence & Data Science. Faculties and Researchers of various departments and colleges attended the FDP and learned various terms involved in Data Science and ML. Resource Person Dr. Nitesh Pradhan and Ms. Roopal both are reputed corporate trainers in the field of Data Science and Machine Learning

### **DEPARTMENTAL ACTIVITIES**





#### **DEPARTMENTAL ACTIVITIES**

1 Day seminar collaboration with GRRAS Solutions Pvt. Ltd. and Red Hat Technology on September 13, 2023

Speaker: Mr. Ramesh Padmanabhan, Mr. Abid Matoo



The seminar was organized by the Computer Science Department of GLOBAL INSTITUTE OF TECHNOLOGY in collaboration with GRRAS Solutions Pvt. Ltd. and Red Hat technology on September 13, 2023, focusing on Red Hat Linux awareness, appears to have been a significant and informative event for the students The primary aim of this seminar was to enlighten students

#### **DEPARTMENTAL ACTIVITIES**

Workshop on Robotics in Association With IIT Bombay





#### **DEPARTMENTAL ACTIVITIES**

Expert lecture in association with Made-easy on "Career Aspects After B.Tech"

The lecture was addressed by renowned Educationist, Mr. Jitendra Tiwari (LIMCA BOOK OF RECORDS HOLDER)



GITJAIPUR has organized an expert lecture in association with Madeeasy on "Career Aspects After B.Tech" for students & faculties on 30/10/2023 in GIT Auditorium. The lecture was addressed by renowned Educationist, Mr. Jitendra Tiwari, who delivered profound insights into the importance of GATE preparation and PSU preparation for B.Tech aspirants.

The session showed a great turnout of enthusiastic students and faculty, all set to explore potential career paths post their B.Tech. We extend our heartfelt gratitude to Mr. Tiwari for enlightening us with his invaluable guidance and expertise. A motivational experience to remember!

#### **DEPARTMENTAL ACTIVITIES**

Mountain Tracking Journey on the 7th of November, 2023, to the renowned Garth Ganesh site.







#### **DEPARTMENTAL ACHIEVEMENTS**

# Smart India Hackathon Winner (SIH Final at IES University, Bhopal) 2023.

Our heartfelt congratulations to our brilliant team of students - Gavesh Jain (team leader) Milan Soni, Abhilash Joshi, Khushal Gupta, Avadhi Singhal and Khushbu Sharma - for their triumphant victory at the prestigious Smart India Hackathon (SIH Final at IES University, Bhopal) 2023.













## **DEPARTMENTAL ACTIVITIES**

ALLEN ACE organized a seminar at Global Institute of Technology (GIT) on September 25, 2023 ON CAT





#### **DEPARTMENTAL ACTIVITIES**

#### #24Hr. Hackathon GIH CODEFIESTA 2.0

(Global Community Innovation Technology Hackathon) on 18-10-2023.





#### **DEPARTMENTAL ACTIVITIES**

### #24Hr. Hackathon GIH CODEFIESTA 2.0























#### Student Technical Articles

Cloud Computing: The Engine of Agility and Innovation

In today's hyper-digital world, agility and scalability reign supreme. Businesses and individuals no longer cling to clunky on-premises hardware; they soar with the cloud, a celestial network of computing resources accessible on demand. Cloud computing, in essence, transcends physical limitations, delivering a smorgasbord of IT services – from processing power and storage to databases and software – through the ubiquitous internet.

This paradigm shift unlocks a treasure trove of benefits. Agility takes center stage. Gone are the days of lengthy procurement cycles and inflexible infrastructure. With a few clicks, cloud resources spin up, enabling rapid prototyping, experimentation, and lightning-fast innovation. Think launching a new app or analyzing market trends - all instantly, without the shackles of traditional IT. The cloud's ability to seamlessly scale according to needs. No more overprovisioning and wasteful spending. Cloud resources ebb and flow with your business demands, ensuring optimal cost-efficiency. And the cherry on top? Pay-as-you-go pricing models banish upfront IT investments.Global reach, once a luxury, is now a cloud-powered reality. Deploy applications across continents in minutes, catering to geographically dispersed

customers and optimizing user experience. Imagine your website blazing fast in India even though your servers reside in America the cloud erases physical boundaries. But the cloud's magic extends beyond mere infrastructure. Industries across the spectrum are harnessing potential. Healthcare leverages personalized medicine, analyzing vast datasets treatments and predict patient tailor outcomes. Finance utilizes cloud-powered realtime fraud detection, safeguarding transactions and enhancing security. Even the gaming industry thrives on the cloud, delivering immersive online experiences to millions simultaneously.For me, the cloud isn't just tech jargon, it's my LLM research superpower. Imagine mountains of legal docs - contracts, studies, judgments – all online. My AI assistant, powered by an LLM model, scans them in seconds, highlighting key points and uncovering hidden connections. It's like having a research team on call, 24/7.



Pratul Agarwal 2nd Yr. CSE

## Student Technical Articles

#### **BIG DATA**

The World Wide Web was a novelty in the 1990s and a desktop necessity in the early 2000s, but by the second decade of the 21st century, it was entwined in daily life. You can carry massive amounts of computing power in your pocket in the form of a smartphone - something that would have been unimaginable in the 1940s when computers weighed several tons and took entire room. Modem an computing up convenience is a testament to advances in technology and a sign of how deeply integrated the Internet has become in everyday life. It continues to break down borders between the individual and the community, making the private ever more public and turning connectedness into a near-permanent state. The connectivity revolution hand in hand with "big data": a term that refers to the massive collections of digital information made possible by technological advances. The information is complex, with sources ranging from social media and online shopping to global positioning systems (GPS) and stock market fluctuations. As our lives are increasingly lived and stored online, these data sources will continue to grow, and the information will become richer. Over time, the

pace of information exchange will continue to accelerate. An idea called Moore's Law states that computer processing speed doubles approximately every two years, and it shows no signs of being wrong. Studies reported that 80 percent of young adults ages 18 to 24 sleep with a smartphone by their bed, and many feel they couldn't go a day without it. Readily available data are changing the way we live and work, and potentially even how our brains function. One study pointed to possible neural charges in taxi drivers who relied on GPS directions compared with those who used mental maps to remember routes and destinations. Personal information including names, email addresses, shopping preferences, Internet search histories, and more makes up a significant portion of big data. These are collected and used to tailor marketing, often third parties who have bought information.



Ishwar Verma 2nd Yr. CSE

## Student Technical Articles

#### **The Changing Power of Artificial Intelligence**

In the ever-evolving world of technology, artificial intelligence (AI) is a beacon of innovation that is reshaping industries, increasing efficiency, and pushing the boundaries of what is possible. As we enter the 21st century, the integration of artificial intelligence into our daily lives is becoming evident, changing the way we work, communicate, and solve problems.

The basis of artificial intelligence generally refers to the development of computers that can perform tasks that require human intelligence. These tasks range from verbal recognition and interpretation to complex decision making processes. Machine learning is one of the artificial intelligence techniques that allows machines to learn and learn, adapt and control behavior without explicit instructions. One of the biggest impacts of artificial intelligence is in the field of automation. Al-powered automation streamlines workflows and optimizes processes across businesses. For example, in production, robots equipped with smart algorithms can perform repetitive and dangerous tasks precisely and efficiently. This not only reduces the risk of work accidents, but also increases overall efficiency.

create treatment plans. Al-powered diagnostic tools such as image recognition have shown great results in interpreting medical images such as X-

rays and MRIs with an accuracy that rivals or exceeds that of the same professionals.

Natural Language Processing (NLP), a branch of artificial intelligence, has changed the way we interact with technology. Virtual assistants like Siri and Alexa use NLP to understand and respond to human speech, providing a more intuitive and efficient experience. This technology is also used in translation services and disrupts international communication.



Avadhi Singhal 2nd Yr. CSE

## Faculty Technical Articles

#### <u>Unveiling the Power of Object-Oriented Programming (OOP)</u>

In the realm of computer programming, Object-Oriented Programming (OOP) stands as a paradigm that has revolutionized software development. With its emphasis on modularity, reusability, and flexibility, OOP has become a cornerstone in building robust and scalable applications. This article aims to delve into the principles, concepts, and benefits of Object-Oriented Programming, shedding light on its significance in modern software engineering.

At its core, Object-Oriented Programming revolves around the concept of objects, which are instances of classes. A class serves as a blueprint for creating objects, encapsulating data and methods that define the behavior of those objects. OOP emphasizes four fundamental principles:

 Encapsulation: Encapsulation refers to the bundling of data and methods within a class, hiding the internal implementation details from the outside world. This enables data abstraction and protects the integrity of the data.

Inheritance: Inheritance allows classes to inherit properties and behaviors from other classes, fostering code reuse and promoting hierarchical relationships. Subclasses inherit attributes and methods from their parent classes,

- facilitating modularity and extensibility.
- Polymorphism: Polymorphism enables objects to exhibit different behaviors based on their data types or class hierarchy. It allows for flexibility in method implementation, facilitating code maintenance and enhancing readability.
- Abstraction: Abstraction involves simplifying complex systems bv focusing on essential aspects while hiding unnecessary details. By defining abstract classes interfaces. and developers can create a blueprint for behavior without specifying implementation specifics.

Mr. Amit Kumar Asst. Professor

## Faculty Technical Articles

#### Navigating the Digital Terrain: A Guide to Data Structures and Algorithms



Ms. Ayushi Sukla

Data structures lay the groundwork for organizing and storing data in a systematic manner, enabling efficient access, retrieval, and manipulation. They come in various forms, each suited to different types of data and operations:

- Arrays: Arrays represent a collection of elements stored in contiguous memory locations, allowing for random access and efficient retrieval based on indices.
- Linked Lists: Linked lists consist of nodes interconnected by pointers, offering dynamic memory allocation and flexibility in inserting and deleting elements.
- Stacks: Stacks follow the Last In, First Out (LIFO) principle, allowing elements to be added or removed only from one end. They find applications in parsing expressions, backtracking, and memory management.
- Queues: Queues adhere to the First In, First
  Out (FIFO) principle, enabling elements to
  be added at one end (rear) and removed
  from the other end (front). They are utilized
  in scheduling, resource allocation, and
  breadth-first search algorithms.

Trees: Trees are hierarchical data structures comprising nodes connected by edges, with a single root node at the top.

They facilitate efficient searching, sorting, and hierarchical representation of data.

Graphs: Graphs consist of vertices (nodes)
interconnected by edges, allowing for
versatile representation of relationships
and networks. They are fundamental in
modeling social networks, transportation
systems, and dependency graphs.

Departmental Achievement

3rd International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023)









# Certificate of Presentation

This is to certify that

Pradeep Jha

has successfully presented the paper entitled

Comparative Analysis of Crop Diseases Detection using Machine Learning Algorithm

at the

3<sup>rd</sup> International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023) organized by JCT College of Engineering and Technology, Coimbatore, India on 2-4, February 2023.

Session Chair

Conference Chair Dr. K. Geetha

Principal Dr. S. Manoharan

Departmental Achievement

# 7th International Conference on Computing Methodologies and Communication (ICCMC 2023)







## Certificate of Presentation

This is to certify that

#### Pradeep Jha

have successfully presented the paper entitled

A Statistical Machine Learning Approach to Optimize Workload in Cloud Data Centre

at the

7<sup>th</sup> International Conference on Computing Methodologies and Communication (ICCMC 2023) organized by Surya Engineering College, Erode, India held on February 23-25, 2023.

Session Chair

K Shitting

Principa

#### **DEPARTMENT OF ELECTRICAL ENGINEERING**

#### **ABOUT DEPARTMENT**



Electrical Engineering is an exciting and dynamic field. Electrical engineers are demand of the day since they are responsible for generation, transmission and conversion of electrical power. Department of Electrical Engineering offers UG and PG Programme. The department has qualified and experienced faculty in all the fields like electrical machines, electrical power systems, power electronics and drives, electronics, high voltage engineering etc. The theoretical knowledge is further supplemented by well-equipped laboratories. Department is equipped with latest state of art laboratories for electrical machines, power electronics, power systems with software, control systems, integrated circuits, electric circuits, measurements and instrumentation lab, engineering practices lab and electronics design lab with excellent computing facilities. It also has latest audio – visual teaching aids. Internet facility is available for students.

#### VISION

The vision of the Electrical Engineering Department is to be recognized as a trendsetter in its undergraduate program through a focus on core competencies, multi-disciplinary collaborations, and quality in education.

#### **MISSION**

To produce highly qualified, well-formed and motivated graduates possessing fundamental knowledge of engineering practice and research of Electrical Engineering who can provide leadership and service to our nation and world.

#### **DEPARTMENT OF ELECTRICAL ENGINEERING**

#### HEAD OF DEPARTMENT



## Mr. Vishal Rohela, Head

#### Department of Electrical Engineering

It gives me immense pleasure in bringing out Annual Magazine TECHNIDO-2023. TECHNIDO is a thought with an objective to bring forward some new ideas, talents, abilities and potential – it's a sincere effort to search for new successors.

We, GITians proudly associate ourselves with the initiative of publishing the 2023 issue of our magazine "TECHNIDO-2023" — continuous improvement. The journey of TECHNIDO begins with exploring the creativity & potential we have in ourselves and its success lies in setting new benchmarks.

We all have attempted to present TECHNIDO – a mirror reflecting the common traditions, values and culture that GITians share and the uncommon, distinguished, personalities, attitudes and passion for the success we hold.

At this stage, where college management supported this initiative, we look forward to your support and participation in establishing TECHNIDO as a Milestone. As we strongly believe "Winners don't do different things. They do things differently."

### **DEPARTMENTAL ACTIVITIES**

5 Days Workshop On Control Panel & Electric Vehicle Charge Controller from 10 -14th May, 2023.

Speaker 1 : Ms. Anupama Godia Speaker 2 : Mr. Aditya Soni Convenor:- Mr. Ravi Hada, Assistant Professor & HOD (EE)

A five day workshop on 'Control Panel & Electric Vehicle Charge Controller' was organized by Department of Electrical Engineering (Under the aegis of Power club). The workshop started with the floral welcome of Key speaker, Ms. Anupama Godia and Mr. Aditya Soni by HOD of Electrical Engineering Department, Mr. Ravi Hada.

Ms.Anupama is an Industrial Trainer. She is having over 28 years of experience of industry and academics. She is currently handling R&D projects at IIT madras. These projects are on Microgrid, electrical Vehicles, EV chagers etc. She is the owner of COGINITION consulting firm.

Mr. Aditya Soni is currently working as quality engineer in Jones electrical pvt. limited, a US based company. He is having wide experience in control panel design and electrical vehicle charge controller.





### **DEPARTMENTAL ACTIVITIES**

# Session on Electric Vehicle Charge Controller Working and Components By Ms. Anupama Godia



Session on Components and working of Control Panel By Ms.
 Anupama Godia



## **DEPARTMENTAL FACULTY ACHIEVEMENT**

Paper Published in Journal and conference			
S.No	Author Name	Paper/Patent Title	Name of Journal, Volume, Issue, Year, Page No.
1	Mr. Surendra Singh Dua, Mr. Vishal Rohela	Non- Contact Hot Water Dispense with Solar Panel	Government of India, Design No. 396373-001, Date of Issue: 07/11/2023

# **DEPARTMENTAL STUDENT ACHIEVEMENT**

Attended Project Competition by Students			
S.No	Name	Title	Organize d By
1	Rahul Singh Chouhan	Second Regional Conclave of Students' Chapter March 14-15, 2023. Organized by The Institution of Engineers (India) In	SKIT, Jaipur
2	Khushnuma Khan	Association with Rajasthan State Centre, IEI	

### Student Technical Articles

# The Role of Electrical Engineers in Sustainable Development

#### Introduction

- Define sustainable development and its importance in addressing global challenges.
- Introduce the role of electrical engineers in contributing to sustainable development.

#### **Energy Efficiency**

- Discuss the importance of energy efficiency in reducing carbon emissions and mitigating climate change.
- Highlight the role of electrical engineers in designing energy-efficient systems and technologies.

### Renewable Energy Integration

- Explain the significance of integrating renewable energy sources into the power grid.
- Describe how electrical engineers are involved in developing and implementing renewable energy systems.

### **Smart Grid Technologies**

 Introduce smart grid technologies and their role in enhancing the efficiency and reliability of the power grid.

Discuss the contributions of electrical

engineers in designing and implementing smart grid solutions.

#### **Electric Vehicles**

- Explain how electric vehicles (EVs) contribute to sustainable transportation.
- Discuss the role of electrical engineers in developing EV infrastructure and charging technologies.

#### Sustainable Buildings

- Describe the concept of sustainable buildings and their environmental benefits.
- Highlight the contributions of electrical engineers in designing energy-efficient building systems.

#### Conclusion

- Summarize the key points discussed in the article.
- Emphasize the crucial role of electrical engineers in advancing sustainable development.

Nisha Kumari 3rd Year, EE

### Student Technical Articles

# **Emerging Technologies in Electrical Engineering**

#### Introduction

- Define the scope of electrical engineering and its importance in driving technological advancements.
- Introduce the concept of emerging technologies and their impact on the field of electrical engineering.

#### Internet of Things (IoT)

- Explain the concept of IoT and its applications in various industries.
- Discuss the role of electrical engineers in designing IoT devices and systems.

### Artificial Intelligence (AI)

- Describe the impact of AI on electrical engineering, including automation and optimization of systems.
- Highlight the contributions of electrical engineers in developing AI algorithms and applications.

#### **Robotics**

- Discuss the role of robotics in electrical engineering, including automation of tasks and manufacturing processes.
- Explain how electrical engineers are involved in designing and programming robots.

#### Renewable Energy Technologies

- Highlight emerging technologies in renewable energy, such as solar panels and wind turbines.
- Discuss the role of electrical engineers in developing and implementing these technologies.

#### **Energy Storage Solutions**

- Describe emerging technologies in energy storage, such as batteries and supercapacitors.
- Discuss the contributions of electrical engineers in improving the efficiency and reliability of energy storage systems.

#### Conclusion

- Summarize the key points discussed in the article.
- Emphasize the importance of staying updated with emerging technologies in electrical engineering.
- Call for further research and innovation in the field to drive future advancements.



Vikas Regar 3rd Year, EE

# Faculty Technical Articles

# **Integration of IoT in Electrical Engineering**



Mr.Vishal Rohela Assistant Professor

The Internet of Things (IoT) plays a crucial role in environmental monitoring for renewable energy applications. IoT technologies provide real-time data collection, analysis, and communication capabilities, enabling efficient monitoring and management of renewable energy systems. Here are some key IoT applications in environmental monitoring for renewable energy output:

Weather Monitoring:

loT sensors can collect real-time data on weather conditions, including temperature, humidity, wind speed, and solar radiation. This information is crucial for predicting renewable energy output, especially for solar and wind energy systems. Accurate weather monitoring helps optimize energy production and grid integration.

Solar Panel Monitoring:

loT-connected sensors on solar panels monitor parameters such as the panel's temperature, voltage, and current. This data helps assess the efficiency of solar panels, detect malfunctions, and schedule maintenance activities to maximize energy output.

Wind Turbine Monitoring:

loT sensors on wind turbines collect data on parameters like wind speed, rotor speed, and power output. This information is essential for assessing the performance of wind turbines, predicting energy production, and identifying potential faults or issues.

**Energy Storage Monitoring:** 

loT devices can monitor the state of charge, temperature, and overall health of energy storage systems, such as batteries. This information is critical for optimizing the use of stored energy, improving system efficiency, and extending the lifespan of the storage components.

Grid Integration and Demand Response:

loT-enabled devices facilitate communication and coordination between renewable energy systems and the power grid. Smart grids use IoT technology to balance energy demand and supply, integrate renewable sources seamlessly, and implement demand response strategies based on real-time data.

Environmental Impact Assessment:

# Faculty Technical Articles

loT sensors can monitor environmental parameters beyond weather conditions, including air and water quality. This allows for a comprehensive assessment of the environmental impact of renewable energy projects and ensures compliance with environmental regulations.

Predictive Analytics and Machine Learning:

IoT data, when combined with predictive analytics and machine learning algorithms, including air and water quality. This allows for a comprehensive assessment of the environmental impact of renewable energy projects and ensures compliance with environmental regulations.

Predictive Analytics and Machine Learning:

loT data, when combined with predictive analytics and machine learning algorithms, can provide insights into future energy production based on historical patterns and current conditions.

This enables better planning, forecasting, and decision-making in renewable energy systems.

**Asset Performance Monitoring:** 

IoT devices monitor the performance of renewable energy assets, such as solar

farms or wind parks, in real-time. This includes tracking the health of individual components, identifying potential issues, and optimizing maintenance schedules to ensure maximum operational efficiency.

**Remote Monitoring and Control:** 

IoT allows for remote monitoring and control of renewable energy systems. Operators can access real-time data, receive alerts about performance anomalies, and remotely adjust system settings for optimal operation.

**Energy Efficiency and Optimization:** 

By collecting and analyzing data from various sensors, IoT applications help identify opportunities for energy efficiency improvements and system optimization. This includes adjusting parameters such as tilt angles for solar panels or optimizing the pitch of wind turbine blades.

The integration of IoT in environmental monitoring for renewable energy systems contributes to improved efficiency, reliability, and sustainability in the generation and utilization of clean energy. It allows for proactive management and maintenance, reducing downtime and enhancing the overall performance of renewable energy infrastructure.

# Faculty Technical Articles

# Superconductor: Features, Applications & Challenges



Mr. S. S. Dua Assistant Professor

Superconducting materials are a class of materials that can exhibit zero electrical resistance and the expulsion of magnetic fields when cooled below a critical temperature. The phenomenon of superconductivity was first discovered in mercury by Heike Kamerlingh Onnes in 1911. Since then, numerous superconducting materials have been identified, and researchers continue to explore and develop new compounds with enhanced superconducting properties.

Here are some key points about superconducting materials:

Critical Temperature (TC):

Each superconducting material has a which critical temperature below it transition undergoes a the superconducting state. **Above** this temperature, the material behaves like a conductor. The critical normal different varies temperature among superconductors.

#### Zero Electrical Resistance:

In the superconducting state, these materials can carry electric current with zero resistance. This property allows for the efficient transmission of electrical power without energy loss.

Zero Electrical Resistance:

In the superconducting state, these materials can carry electric current with zero resistance. This property allows for the efficient transmission of electrical power without energy loss.

**Meissner Effect:** 

Superconductors exhibit the Meissner effect, which involves the expulsion of magnetic fields from their interior. This property makes them useful for applications involving strong magnetic fields, such as in magnetic levitation (maglev) trains.

Type I and Type II Superconductors:

Superconductors are broadly classified into Type I and Type II based on their response to applied magnetic fields. Type

# Faculty Technical Articles

superconductors expel all magnetic fields below their critical magnetic field, while Type II superconductors allow partial penetration of magnetic fields.

High-Temperature Superconductors (HTS):

In the 1980s, researchers discovered ceramic compounds that exhibit superconductivity at higher temperatures than traditional low-temperature superconductors (LTS). These high-temperature superconductors have the potential for practical applications at less extreme cooling temperatures.

**Applications:** 

Superconducting materials find applications in various fields, including:
Magnetic Resonance Imaging (MRI):
Superconducting magnets are used in MRI machines for their strong and stable magnetic fields.

Magnetic Levitation (Maglev):

Superconducting magnets

levitation and propulsion in maglev trains.

enable

**Power Transmission:** 

Superconductors can be used in power

transmission lines to reduce energy losses
Particle Accelerators:

Superconducting magnets are employed in particle accelerators for research in physics.

Challenges:

Practical implementation of faces superconductors challenges, including the need for cryogenic cooling to superconductivity, maintain material fabrication difficulties. and cost considerations. Researchers are actively working to overcome these challenges to broaden the applicability of superconducting materials.

### **STUDENT PLACEMENT**

### **ELECTRICAL ENGINEERING**

Roll no.	Name	Company	стс
20EGJEE006	Muzafar Bashir	Teleperformance	3.0 Lac
19EGJEE300	Ashok Singh	Karni Enterprises	1.8 Lac
20EGJEE206	Pratap Singh Rathore	Rajasthan Tranformer & Switchgears	1.8 Lac
20EGJEE011	Rahul Singh Chauhan	Teleperformance	3.24 Lac
20EGJEE010	Khushnuma	Teleperformance	3.24 Lac

### **ELECTRONICS & COMMUNICATION ENGINEERING**

Roll no.	Name	Company	стс
19EGJEC003	Ashim Dutta	Tesca Technologies	2.40 Lac
19EGJEC009	Priya Sharma	Celebal Technologies	6.50 Lac

### **TOPPERS LIST**

# **ELECTRICAL ENGINEERING**



Anjali Baweja SGPA 9.32, RANK-1 SEM 8TH



Pratap Singh Rathore SGPA 9.03, RANK-2 SEM 8TH



Rahul Singh Chauhan SGPA 8.96 RANK-2 SEM 6TH



Khushnuma SGPA 8.59, RANK-2 SEM 6TH



Vikas Regar SGPA 8.53, RANK-1 SEM 4TH



Nisha Kumari SGPA 8.45, RANK-2 SEM 4TH

# **ELECTRONICS & COMMUNICATION ENGINEERING**

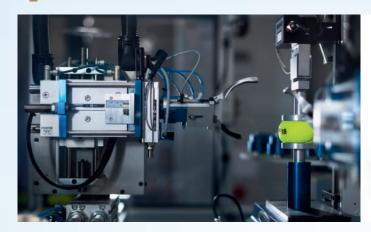


Ashim Dutta SGPA 9.5, RANK- 1 SEM 8TH



Priya Sharma SGPA 9.16, RANK- 1 SEM 8TH

### **ABOUT DEPARTMENT**





Mechanical engineering is a vast field where students have the leverage to find their dream job in multiple industries, like automotive, aviation, aeronautics, aerospace, biomedical, computer hardware, power plants, and so on.

A mechanical engineer is concerned with implementing different technical approaches to design, plan, manufacture, and launch products in the market for user benefit. Nowadays, students are provided with several types of mechanical engineering to achieve excellence in their domains. A bachelor's degree in mechanical engineering paves the way for further studies in automotive, aerospace, aeronautical, and many other industries.

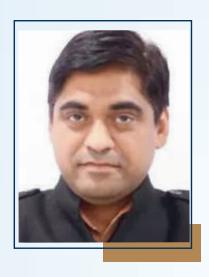
### VISION

vision The the Department of Mechanical **Engineering** is to be recognized as a trendsetter in undergraduate program through a focus on core competencies, multi-disciplinary collaborations, and quality in education.

### **MISSON**

The department of Mechanical Engineering at Global Institute of Technology endeavors to provide first class technical education in the field of Mechanical Engineering to students, so multi-disciplinary that they can lead contribute innovatively technical teams; towards the development of cutting edge technology; take up active research to meet ever-increasing societal needs; and thus play a significant role in improving the quality of life of the human beings in the whole.

### **HEAD OF DEPARTMENT**



# Mr. Ghanshyam Mishra

### Department of Mechanical & Civil Engineering

A hearty welcome to the Department of Mechanical & Civil Engineering at Global institute of technology, Jaipur Rajasthan. The department runs an undergraduate program in Mechanical & Civil Engineering and PG program with Production Engineering specialization. The department vision is to be achieve an excellence in value based on Engineering Education.

For the overall development of the student, department of Mechanical engineering is associated with Memberships of professional bodies, such as, ISHRAE Indian society of heating, Refrigeration and Air Conditioning Engineers (India). The department also formulated Mechanical Engineering **Students** association(MEA). Various activities of these professional bodies and chapters helps students to gain knowledge and interact with students and staff of other colleges/universities as well as Industry Engineers. The department encourages students to take part in various competitions.

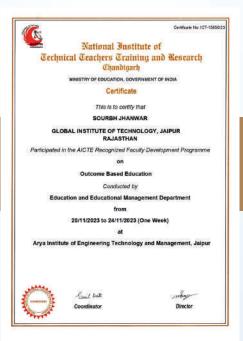
I wish success to all students in your endeavor to join us on the journey of quality education & to have a great learning experience with my excellent, loving & caring team.

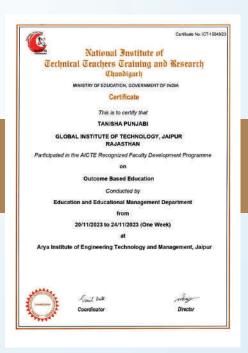
## **DEPARTMENTAL ACTIVITIES**

# FACULTY DEVOLOPMENT PROGRAMME ORGANISED ON 20th Nov 2023 to 24th Nov 2023

Three faculty members of the department of Civil Engineering, Mr Tara Chand Parajapti, Mr. Sourabh Jhanwar, Miss Tanisha Punjabi participated in the recognized faculty development programme on outcome-based education conducted by the Education and educational management department conducted by the National Institute of TECHNICAL TEACHERS AND RESEARCH CHANDIGARH.







### **DEPARTMENTAL ACTIVITIES**

# <u>Industrial visit to Natural Stone Pvt Ltd Sambhav Natural,</u> <u>Sita Pura Jaipur, On 15th Dec 2023</u>





An industrial visit organized by department of Mechanical/civil Engineering. The student with our four faculties Mr Anil yadav,Mr Sourabh jhanwar. Mr Sonu bairwa and Miss Tanisha Punjabi went on an industrial visit to Sambhav natural stone pvt. Ltd., sitapura Jaipur. Sambhav Natural Stones Pvt. Ltd. is the company which has make goodwill in the market from the time of its establishment in the year 2008. The products of our company are available in various designs, color combinations, sizes, patterns, shapes and others. Our products are used for decoration, gift purpose and many more purposes in hotels, homes, offices and many other places. We are manufacturing, supplying, trading and exporting a large range of Designer Wall Panel, Stone Vase, Marble Statue, Animal Figure, Stone Pillar, Marble Inlay, Stone Lamp, Designer Planter, Marble Temple and many more. We are Private Limited Company provides all specifications of products. customization facility is also provided by us so that customers can get products matching to their choice.





### **DEPARTMENTAL ACTIVITIES**

<u>5 Days Hands-on Practice workshop on advanced</u> <u>surveying equipment near Bombay Hospital JAGATPURA</u> <u>DATE 19-23 DEC 2023</u>









# Faculty Technical Articles

# <u>The Role and Impact of Mechanical Engineering in Modern Society</u>



Mr. Ghanshyam Mishra HEAD OF DEPARTMENT

#### Introduction

- Define mechanical engineering and its broad applications in various industries.
- Highlight the historical significance and evolution of mechanical engineering.

#### Importance of Mechanical Engineering

- Discuss the role of mechanical engineering in designing, developing, and manufacturing mechanical systems and devices.
- Explain how mechanical engineering contributes to technological advancements and innovation.

#### **Applications of Mechanical Engineering**

- Automotive Industry: Discuss the role of mechanical engineers in designing vehicles, engines, and other automotive systems.
- Aerospace Industry: Highlight the contributions of mechanical engineers in designing aircraft, spacecraft, and related systems.
- Manufacturing Industry: Explain how mechanical engineers are involved in designing and optimizing manufacturing processes and equipment.

#### Renewable Energy Technologies

- Describe the role of mechanical engineers in developing renewable energy technologies, such as wind turbines and solar panels.
- Highlight the contributions of mechanical engineering to sustainable energy solutions.

#### **Robotics and Automation**

- Discuss the role of mechanical engineers in designing and developing robots and automated systems for various industries.
- Explain how robotics and automation are transforming manufacturing and other sectors.

#### **Future Trends and Challenges**

 Discuss emerging trends in mechanical engineering, such as additive manufacturing (3D printing) and nanotechnology.

# Student Technical Articles

# <u>Exploring the World of Mechanical Engineering:</u> <u>Innovation, Design, and Impact</u>

#### Introduction

- Define mechanical engineering and its broad scope in various industries.
- Highlight the significance of mechanical engineering in driving innovation and technological advancements.

#### **History and Evolution**

- Trace the history of mechanical engineering from ancient civilizations to modern times.
- Discuss key milestones and developments that have shaped the field over the years.

#### **Core Principles and Concepts**

- Explain the fundamental principles of mechanical engineering, including mechanics, thermodynamics, and materials science.
- Discuss how these principles are applied in the design, analysis, and optimization of mechanical systems and components.

#### **Applications in Industry**

 Explore the diverse applications of mechanical engineering in industries such as automotive, aerospace, manufacturing, and robotics.  Highlight notable examples of mechanical engineering innovations and their impact on society.

#### **Advanced Technologies and Trends**

- Discuss emerging technologies in mechanical engineering, such as additive manufacturing, mechatronics, and nanotechnology.
- Explore current trends and future directions in the field, including sustainability, automation, and digitalization.

#### **Education and Career Opportunities**

- Provide insights into the education and training required to pursue a career in mechanical engineering.
- Discuss the wide range of career opportunities available to mechanical engineers in various sectors and industries.

### HEAD OF DEPARTMENT



# Mr. Ravinder Maan

Head of the 1st Year Department

The Department of Applied Science offers core courses in Mathematics, Physics, Chemistry, Communicative English and Human values and professional ethics to B. Tech 1st year students. The department has well equipped laboratories to impart practical training to the students in the field of Physics, Chemistry, Basics of Computers and Computer graphics. Two separate Communicative English labs are set up with well equipped Software. The purpose of the Communicative English lab is to enhance the communication skills of students as well as preparing them for future perspectives.



# Faculty Technical Articles

## **Technology and Human Values**



Dr.Y.K. Gothwal

From the beginning of the human societies, human values play a significant role throughout our life. These are the foundation of our principles, philosophy, culture, traditions and our behavior. In ancient period Guru educate his Sishya to follow moral values. The main object of these values was to develop the moral characters in the society. But in the modern internet and artificial intelligence age these values lost their spirit. The greed of more and more physical facilities and wealth, the values have vanished from the base level.

today's generation has adequate knowledge but they lack the skill implement the same and value the success by means of happiness and respect in the eyes of the people. The various gadgets are called as the gifts of our science and technology, but are actually behaving like a cruse for human beings as they are leading to the growth of violence and terrorism. The technical education provided more independence to the students and the hold of parents started getting loosened up. This advancement provides to over-socialization, inter-mixing of the genders under the friendly

cover, westernization etc. As their consequence, the world could visualize an increase in the crime.

index especially in regard to the safety for women. Children are forced to get technical education without knowing their interest and creating pressure. This unwanted pressure is leading the innocent students for suicidal attempts.

Thus, honestly speaking, the modern technological education needs to rectify their foundation at their root level to cultivate the human values as a part of their teachings.

# Faculty Technical Articles

# <u>Elevating Academic Excellence: The Crucial Role of Communication Skills in Higher Education</u>



Dr. Neelam Rani Assistant Professor

us collectively recognize and prioritize the cultivation of effective communication skills. By fostering an environment that encourages linguistic precision, critical thinking, and collaborative dialogue, we are not only enhancing academic excellence but also preparing our students to become articulate, adaptable, and culturally aware professionals. In doing so, we contribute to the broader mission of higher education: the holistic development of individuals ready to make meaningful contributions to society.

engage in scholarly discourse, and navigate the diverse communicative contexts present in academia. For students, the mastery of these skills not only enhances their academic performance but also equips them with a toolkit essential for success in the broader professional sphere.

Within the academic realm, effective communication is integral to the process of knowledge dissemination. It bridges the gap between faculty and students, facilitating a rich exchange of ideas that stimulates intellectual growth. Moreover, it empowers students to actively participate in seminars, present research findings, and engage in

collaborative projects, thereby contributing to a vibrant and intellectually stimulating academic environment.

In the rapidly evolving landscape of the modern workplace, employers seek graduates with strong communication skills. Adept communicators are not only proficient in the articulation of ideas but also possess the ability to collaborate seamlessly in interdisciplinary teams. As an English professor, my goal is to empower students to navigate these professional demands with poise and confidence.

In conclusion, as we navigate the everevolving landscape of higher education, let

# **Faculty Technical Articles**

# <u>Elevating Academic Excellence: The Crucial Role of Communication Skills in Higher Education</u>



us collectively recognize and prioritize the cultivation of effective communication skills. By fostering an environment that encourages linguistic precision, critical thinking, and collaborative dialogue, we are not only enhancing academic excellence but also preparing students to our become articulate, adaptable, and culturally aware professionals. In doing so, we contribute to the broader mission of higher education: the holistic development of individuals ready to make meaningful contributions to society.

# Faculty Technical Articles

# Significance Of Physics In Our Daily Life



Mrs. Megha Sharma

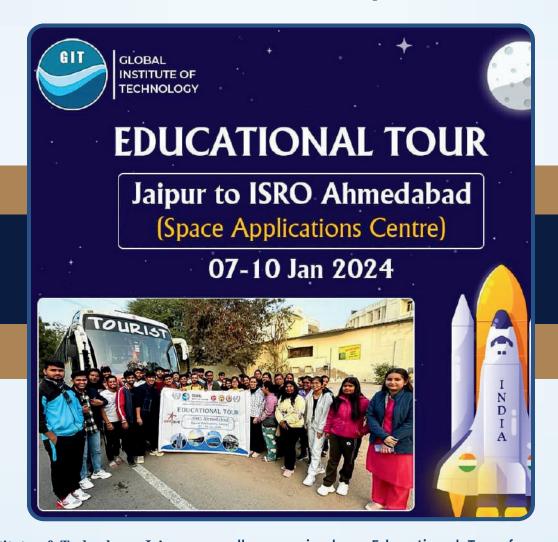
All the activities in our daily life include the application of physics. For example, ironing clothes, cooking, washing, replying to a telephone call, and listening to the radio, are some of the activities where we practice the principles of physics. When you look at the light bulb above you, you remember Thomas Alva Edison. When the telephone bell rings, you remember Alexander Graham Bell. Marie Curie was the first woman to win the Nobel Prize. When you see the blue sky, you think of Sir C.V. Raman. Physics is involved in running automobiles and trains, moving objects, flying airplanes, and kites, orbiting satellites, zooming jet planes, etc.

Physics has applications in the construction of bridges, buildings, roads, houses, ships, and boats. Knowledge of physics will help the common people to escalate, realize and relate better to the environment. The laws of physics explicate the principle behind the existence of thunder and lightning or a rainbow in the sky. Several modern services like washing machines, refrigerators, and floor polishers make use of the principles of physics.

Physics is also applied in the systems of communication, modern means of transportation, and advancement in medicine, industry, and agriculture. So, it is a fact that all the comforts that make the life of common people more enjoyable and easy are based on solid principles of physics and their commercial applications.

### **DEPARTMENTAL ACTIVITIES**

<u>Educational Tour to ISRO (Indian Space Research Organisation ) On 7th & 10th January 2024</u>



Global Institute of Technology, Jaipur, proudly organized an Educational Tour for our first-year students to the culturally rich city of Ahmedabad from the 7th to the 10th of January 2024. An enriching exchange steeped in knowledge, discovery, and fun, students had the exceptional experience of visiting ISRO and Science City along with exploring other significant spots in Ahmedabad.

### **DEPARTMENTAL ACTIVITIES**

Educational Tour to ISRO (Indian Space Research Organisation )
On 7th & 10th January 2024

Visit photograph at ISRO



 Visit photograph at Vikram Sarabhai Space Exhibition



• Photograph at ISRO Auditorium



Visit photograph at ISRO



Visit photograph at ISRO



Visit photograph at ISRO



# **DEPARTMENTAL ACTIVITIES**

# **ORIENTATION PROGRAM CLICKS**

# **VISIT OF SPORTS FACILITIES AREA**









### **DEPARTMENTAL ACTIVITIES**

15 Days Induction Training
Program For New Students
4th-16th September 2023

### **ORIENTATION PROGRAM CLICKS**











### **DEPARTMENTAL ACTIVITIES**

Fresher's Party "Samanvaya" Organized On 16th Dec., 2023

"Samanvaya" Freshers Party Glimpses"













### **EVENT AT A GLANCE**

"Celebrating Krishna Janmashtami"













### VISIT PINJRAPOLE GAUSHALA JAIPUR

# 31 Dec 2023, our students members from the Global Institute of Technology visit Pinjrapole Gaushala Jaipur

# VISIT TO "PINJARA POL GOSHALA"













### VISIT RAJASTHAN GOVERNMENT SHISHU GRAH

31 October 2023, our students members from the Global Institute of Technology visit Rajasthan Government Shishu Grah













### **ACHIEVMENT**

Mr Naman Kandoi (CEO, GIT) awarded by Bollywood Actor Mr. Sonu Sood



### **ACHIEVMENT**

<u>Dr IC Sharma (Principal, GIT) was awarded as Best</u>

<u>Principal by Shri B. D. Kalla, the Education Minister of the</u>

<u>Rajasthan Government</u>





### **DEPARTMENT OF TRAINING & PLACEMENT**

### **ABOUT T&P CELL**

T&P cell is a department that helps our student to become industry ready so that they can face the real world and excel in their career. We play vital role to train students in professional skills that build their confidence while appearing for campus placements. We work round the clock with full enthusiasm to connect with corporate world to find out latest skills required by the companies. GIT, Jaipur is well equipped with all in-house facilities to carry out industry specific trainings and to conduct campus placement drives. T&P cell have many training partners and vendors to run skill development courses and having plenty of corporate tie ups that cater the need for student's career building. We train our students to develop interpersonal skills, management skills, logical skills under the guidance of industry professional, Alumni and eminent faculty members of GIT Jaipur.



### HEAD OF DEPARTMENT



# Mr. Arsad Nadeem

#### **T&P Officer**

At GIT, we guide our students to become a professional that carries moral and ethical values to make society a better place to live. We train our students to become a problem solver and a logical thinker.

T&P Cell makes continuous efforts to inculcate corporate culture & competitiveness as required in the global market. Hence this cell plays a vital role in grooming students in the latest technologies of the corporate world. The objective of the cell is to conduct placement activities by liaisoning with the corporate world. Consistent efforts over the last few years from this cell have led to very high-quality placement records. We strive constantly to give students maximum opportunities for campus placements and get them good salary packages.

We are growing under the top management leadership of Honorary Chairman Shri Raj Kumar Kandoi and CEO Mr. Naman Kandoi who gives full support to T&P cell and its activities. Our efforts and support to our students bring glory to the institute by placing themselves in reputed industries and well-known companies.

# **TOP RECRUITERS**

APPCINO Proudly part of Xebia	ALTIMETRIK	BYJU'S The Learning App	<b><i>≱</i>bigstep</b>
akeo	auto pe	Biz Group INNOVATING TOGETHER	BOSCH Invented for life
ATCS a <b>nagarro</b> company	Auriga	Briskminds Delivering Innovation and Success	AIRLINQ
Capgemini	Cyntexa	-DianApps	<b>a</b> consultadd
coditas		CELEBAL TECHNOLOGIES:	decurtis
fexle	GETRAISE G R O U P	* FLIPSHOPE	FiftyFive TECHNOLOGIES
GeekyAnts	<epam></epam>	<b>dukaan</b> °	Habilelabs



#### **I DEPARTMENT OF MECHANICAL & CIVIL ENGINEERING**

#### **TOP RECRUITERS**







#### ALUMNI TESTIMONIALS



**Nikita Agrawal** 

Every day of Engineering has fascinated me, excited me, and entrusted me with an endless opportunity that has helped me develop as an Engineer in life. GIT, Jaipur has selflessly helped and supported me to grab opportunities that came my way. I got placed in Wipro, HCL, and Skill Vertex. I am extremely thankful to the Training & Placement Cell for their efforts and constant support.



**Mohit Singhal** 

Hello everyone, I am from Global Institute of technology I am very proud to be part of Global Institute of technology. This College is a perfect example for personality development & academic excellence, not only it enhances the student's academic strength but also amplifies the student's progress in co-curricular activities. The teachers are very reasonable & understanding.



**Anshika Dixit** 

GIT has been a pioneer in building my Cyber Security Career. The support and encouragement I received from Mr. Naman Kandoi Sir played an essential role to follow my passion. I will always be indebted to our Training and Placement Team for leaving no stone unturned for our placements in Reputable Organizations.



**Manish Ranjan** 

I really like the placement process of our college, everyone is working really hard for all the students so that they could get easily placed in best companies. I was really lucky that I got placed in our first ever placement drive at Tata Motors



**Devanshu Choudhary** 

I am grateful to Global Institute of technology for the environment provided to us. The amount of courses available in each domain are vast compared to other colleges. We have different expertise for research area from our department and they encourage us to take our interest to a platform where we can share our ideas with the community.

#### **SPORTS EVENT**

## <u>Rajasthan Technical University, Kota Inter College</u> <u>Sports Tournament On 20th Nov - 22nd Nov. 2023</u>









#### **SPORTS EVENT**

Rajasthan Technical University, Kota Inter College Sports Tournament On 20th NOV - 22nd NOV. 2023 1st Runner up in Chess 1st Runner up in Handball













#### **SPORTS EVENT**

# 2-Day Intra-College Sports Tournament from 24th to 25th December 2023.

# "Team Global Gladiators"



#### **SPORTS EVENT**

<u>2-Day Intra-College Sports Tournament from 24th to 25th</u>
<u>December 2023.</u>







#### **SPORTS EVENT**

<u>2-day Intra-College Sports Tournament from 24th to 25th</u>
<u>December 2023.</u>













## **SPORTS FACILITY**









## **SPORTS FACILITY**









## **SPORTS FACILITY**









## **79**

#### GLOBAL INSTITUTE OF TECHNOLOGY, JAIPUR

#### **NEWS & MEDIA**

#### एसआईएच-23 में जीआईटी को प्रथम पुरस्कार

जवपू | सीतपुरा स्थित ग्लोबल इंस्टीट्यूट आफ टेक्नोलॉजी के स्टूडेंट की टीम अल्फा बलेशर्स ने एसआईपच में प्रथम स्थान प्राप्त किया। इसका ग्रांड फिनाले मिनिस्ट्री आफ एजुकेशन भारत सरकार की ओर से आदीस युनिवर्सिटों पोपाल में 19 थ 20 टिसंबर की



जयपुर टीम के सदस्य अभिलाय तोशी, कुशाल गुरात, अवशी स्मिला, खुशबू शर्मा और टीम लीडर गवेश तेन ने बताया कि उनकी टीम ने माईनिंग इंडस्टी की ऑप्स ने मॉल्य तेत हुए सॉफ्टवेयर तैयार किया। जिसके तहत उन्हें सॉफ्टवेयर एडिशन ती कैटगरों में प्रथम पुरस्कार के रूप में 50000 का केश प्राइज मिला। स्थान के अध्यक्ष राजकुमार कंदीई ने सभी टीम मेंबर्स को बधाई दी।

#### 'शिक्षा प्रणाली के लिए प्रोग्राम जरूरी'

जयपुर @ पात्रका एनस. लावल स्टिट्सूट ऑफ टेक्नोलॉजी में सेलंबल टेक्नोलॉजी प्रा. लिमिटेड व एड्रेका लिनेंग सेटर के संवुक्त तत्वावधान में फैकलटी डक्वपमेंट ग्राम शुरू हुआ। 28 जनवरी तक बलने वाले प्रोग्राम में रिक्षण कीशल, मशीन लर्जिंग विवय पर प्रिक्षण दिया जा रहा है। इसमें विभिन्न कॉलेजों से 67 फैकलटी भाग ले रही है। कॉलेज प्राचार्य डॉ. इंक्सर वंद शर्मा ने शिक्षा प्रणाली के दिकास के लिए फैकलटी इक्जणमेंट प्रोग्राम को जरूरी



बताया। कंप्यूटर साईस हेड प्रदीप झा ने स्मीकर व फेकरटी का स्वागत किया। वक्ता डॉ. नितेश प्रधान ने कक्षा में सीखने सिखाने की प्रक्रिया, डाटा साइस के अध्ययन को सुभारने के लिए प्रेरित किया। कॉलेज के सीईओ नमन करोई, कार्यकारी निदेशक मनोज महत्ता, प्रवीण शर्मा मौजुद रहे।

## 16वां दीक्षांत समारोह 48 स्टूडेंट्स को किया गोल्ड और सिल्वर मेडल से सम्मानित



जयपुर @ पत्रिका एनस. सीतापुरा स्थित ग्लोबल इस्टीट्यूट ऑफ टेक्नोलॉर्जी में 16वें दीक्षांत समारोह का आयोजन हुआ। प्रिंसिपल डॉ. आई.सी. शर्मा ने बताया कि समारोह में 530 स्टूडेंट्स को इंजीनियरिंग में हिग्री प्रदान की गई। साथ ही 48 स्टूडेंट्स को गोल्ड और मिल्वर मेडल से सम्मानित किया गया। जीआईटी के चेयरमैन राजकुमार कंदोई ने कहा कि स्टूडेंट्स को नई टेक्नोलॉर्जी सीखने के लिए हमेशा तत्प्रर रहना होगा। इस दौरान मनोज महला, प्रवीण शर्मा, प्रदीप झा, घनश्याम मिश्रा आदि मौजूद रहे।

#### फ्रेशर पार्टी 'समन्वय' में एक्सपर्ट <mark>ने स्टूडेंट्स</mark> को नई टेक्नोलॉजी से जुड़े रहने की दी सलाह

सिटाँ रिपोर्टर | सीतापुरा जयपुर स्थित ग्लोबाल इंस्टीट्रपूट ऑफ टेबनोलांजी में इस बैच के स्टूडेंट्स के लिए फ्रेशर पार्टी सम्मव्यं का आयोजन क्या गया। इस मौके पर मुख्य अतिथि आरटीयु कोटा के बीसी प्री. एस.के सिंह थे। उन्होंने स्टूडेंट्स को संसीधित करते हुए आरटीयु कोटा में चलाए जे एके कोस्सर के बार में बालाए जे होगा गई टेब्बलीजी से जुड़े रहने के लिए प्रेरित किया। स्टूडेंट्स के सस्तुतिया दी। सिस्टर फ्रेंशर और सिंस फ्रेंशर 2023 के खिकाब दिया गा



## 🕩 हैकाथॉन फिनाले माइनिंग इंडस्ट्री के लिए बनाया सॉफ्टवेयर, जीता फर्स्ट प्राइज

जयपुर (() पत्रिका प्लस. ग्लोबल इंस्टीट्यूट ऑफ टेक्नोलॉजी के स्टूडेंट की टीम अल्फा क्लेशर्स ने स्मार्ट इंडिया हैकाथॉन ग्रेंड फिनाले में पहला स्थान पाया है। एसआईएच-23 का ग्रेंड फिनाले भारत सरकार की ओर से आ.टी.स. यूनिवर्सिटी, भोपाल में आयोजित किया गया था। जीआईटी टीम के अभिलाष जोशी, कुशाल गुप्ता, अवधी सिंघल, खुशबू शर्मा और टीम लीडर गवेश जैन ने बताया कि



उनकी टीम ने माइनिंग इंडस्ट्री की प्रॉब्लम को सॉल्व करने वाला सॉफ्टवेयर डवलप किया है। इसके लिए सॉफ्टवेयर कैटेगरी में उन्हें प्रथम पुरस्कार दिया गया।

## जीआईटी स्टूडेंट्स ने किया आईएसआरओ का निरीक्षण

जयपुर सितापुरा स्थित ग्लोबल इंस्टीट्यूट आफ टेक्नोलॉजी (जीआईटी) के स्टूडेंट ने 7 से 10 जनवरी तक एजुकेशनल टूर के तहत राजस्थान



और गुजरात राज्य का दौरा किया। जीआईटी द्वारा यह टूर स्टूडेंट्स को रिसर्च, इनोवेशन क्षेत्र में अपना केरियर बनाने के मार्गदर्शन स्वरुप किया गया। इस विजिट के दौरान 50 स्टूडेंट ने अहमदाबाद स्थित साराभाई स्पेस एंग्जिबिशन

सेंटर (आईएसआरओ) केंद्र का विजिट किया। इस मौके पर भारत के साइंटिस्ट द्वारा किए गए रिसर्च और इनोवेशन की उपलब्धियां के बारे में जानकारी प्राप्त की। टूर मेंटर घनश्याम मिश्रा और गौरी शंकर सोनी ने बताया कि यह विजिट छात्रों को स्पेस सेक्टर में अपना करियर बनाने के लिए कारगर साबित होगी।

#### • अवॉर्ड सेरेमनी शिक्षा के क्षेत्र में उत्कृष्ट योगदान के लिए डॉ. आर.सी. को बेस्ट अवॉर्ड



जयपुर @ पत्रिका प्लस. जवाहर कला केन्द्र में थार सर्वोदय संस्थान, सिंपली जयपुर और रघु सिन्हा माला माधुर चैरिटी ट्रस्ट की ओर 12वां प्रिंसिपल्स टीचर्स अवॉर्ड समारोह का आयोजन हुआ। रंगायन सभागार में आयोजित कार्यक्रम में ग्लोबल इंस्टीट्यूट ऑफ टेक्नोलॉजी के प्रिंसिपल डॉ. आई. सी. शर्मा को शिक्षा के क्षेत्र में उत्कृष्ट योगदान के लिए बेस्ट प्रिंसिपल अवॉर्ड से नवाजा गया। उन्हें यह अवॉर्ड मुख्य अतिथि शिक्षा मंत्री बी. डी. कल्ला ने प्रदान किया।

### इंटरनेशनल कॉन्फ्रेंस में 83 रिसर्च पेपर प्रस्तुत किए

जयपुर |सीतापुरा स्थित ग्लोबल इंस्टीट्यूट आफ टेक्नोलॉजी में इलेक्ट्रिकल और सिविल डिपार्टमेंट की तरफ से दो दिवसीय अंतरराष्ट्रीय कॉन्फ्रेंस 'रिन्यूएबल



पन्जीएप्लीकेशंस एंड एनवायरमेंटल इवोल्यूशन' का आयोजन किया गया। कॉर्फ़ेस में देश-विदेश से 83 रिसर्च पेपर प्राप्त हुए, जिनमें से 21 चुने हुए पेपर प्रस्तुत किए गए जो कि आगे स्कोपस जनरल में प्रकाशित

किए जाएंगे। कॉन्फ्रेंस के सफल आयोजन में कमल कॉंग्नेट कंपनी और एकॉस इंची टैग ग्राइवेट लिमिटेड का महत्वपूर्ण योगदान रहा। इस अवसर पर प्रिंसिपल डॉ. आईसी शर्मा, एचओडी प्रदीप झा, रविंद्र मान, घनश्याम मिश्रा एवं कन्वीनर बिशाल रोहिल्ला और गौरी शंकर सोनी उपस्थित रहे।

## (क) टेक्नीकल वर्कशॉप 'कम्प्यूटर न्यूमेरिकल कन्ट्रोल' विषय पर मंथन



जयपुर @ पत्रिका प्लस. ग्लोबल इंस्टीट्यूट ऑफ टेक्नोलॉजी जयपुर में मैकेनिकल डिपार्टमेंट की •ओर से 'कम्प्यूटर न्यूमेरिकल कन्ट्रोल और ईडीएम मशीन' विषय पर छह दिवसीय वर्कशॉप का आयोजन हुआ।

कार्यक्रम में मैकेनिकल विभागाध्यक्ष घनश्याम मिश्रा ने स्टूडेंट्स को बताया कि कम्प्यूटर न्यूमेरिकल कंट्रोल (सीएनसी) मशीनिंग एक निर्माण प्रक्रिया है, जो कंप्यूटर सॉफ्टवेयर कारखाने के औजारों और मशीनरी के संचालन को निर्धारित करता है।





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