



**Mittal**  
Group of Institutes

ENGINEERING - POLYTECHNIC - ITI - PHARMACY - MANAGEMENT - EDUCATION - LIFE SCIENCES

THE MITTAL TIMES



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## THE MITTAL TIMES



*Leaders*

*Ambitious*

**JULY**  
*Learning with Fun!*

*Learners*

*Explorers*

*Champions*

## BUSINESS NEWS

### NAVY GETS ITS FIRST INDIGENOUS AIRCRAFT CARRIER VIKRANT



The first indigenous aircraft carrier has been delivered to the Indian Navy after a series of acceptance trials that validated its performance at sea. The warship will be formally commissioned next month and will initially operate with MiG 29K fighter jets and a variety of helicopters.

The Vikrant, which has been built at close to '20,000 crore and at 45,000 tonne displacement, is by far the biggest-ever warship constructed in India. Named after INS Vikrant, India's first aircraft carrier that saw operations in the 1971 war, the ship's keel was laid in February 2009 at the Cochin Shipyard Ltd.

Besides the government-owned shipyard and other PSUs, many Indian companies have contributed to the carrier, including Larsen and Toubro and Kirloskar. Officials said that the ship has 76% indigenous content, with the design being carried out in-house by the Directorate of Naval Design. "With the delivery of Vikrant, India has joined a select group of nations having the niche capability to indigenously design and build an aircraft carrier," officials said. India currently has only one aircraft carrier -- the INS Vikramaditya -- procured from Russia. The Navy has on several occasions said that the nation requires a total of three aircraft carriers to look after the vast areas of responsibility.

"The ship would be capable of operating an air wing consisting of 30 aircraft comprising MIG-29K fighter jets, Kamov-31, MH-60R multi-role helicopters, in addition to indigenously manufactured Advanced Light Helicopters (ALH) and Light Combat Aircraft (Navy)," officials said. The Navy also received two of the MH 60R helicopters in Kochi on Thursday.

The Vikrant is similar to Vikramaditya as both use the Short Take-Off but Arrested Landing (STOBAR) aircraft operation mode equipped with a ski-jump for launching aircraft, and a set of arrestor wires for recovery.

[https://economictimes.indiatimes.com/news/defence/navy-gets-its-first-indigenous-aircraft-carrier-vikrant/articleshow/93195806.cms?utm\\_source=contentofinterest&utm\\_medium=text&utm\\_campaign=cppst](https://economictimes.indiatimes.com/news/defence/navy-gets-its-first-indigenous-aircraft-carrier-vikrant/articleshow/93195806.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst)

## MITTAL GROUP OF INSTITUTES NEWS

### MITTAL GROUP OF INSTITUTES NAVAL WING CELEBRATES CADET NIKHIL MEHAR'S TRIUMPH AT ALL INDIA TREKKING CAMP 2024

The Mittal Group of Institutes' Naval Wing is brimming with pride as they announce the remarkable achievement of Cadet Nikhil Mehar, who has successfully completed the prestigious All India Trekking Camp 2024 held in Balaghat. This accomplishment not only marks a significant milestone in Cadet Nikhil's journey but also highlights the Institute's commitment to fostering excellence and holistic development among its cadets.

The All India Trekking Camp 2024, renowned for its rigorous and adventurous itinerary, provided an unparalleled platform for self-expression, character development, and leadership skills. Cadet Nikhil seized this golden opportunity to explore some of the most breathtaking natural landscapes in Madhya Pradesh, including the state's largest national park, Kanha Kisli.

Throughout the camp, Cadet Nikhil visited numerous captivating locations, immersing himself in the pristine beauty and ecological richness of the region. Highlights of his journey included:

**Jharamada Forest:** A dense and vibrant woodland area teeming with diverse flora and fauna.

**Masrinala Dam:** A stunning example of engineering nestled in a picturesque setting, offering insights into the region's water management systems.

**Singhodi Pond:** A serene and tranquil spot, perfect for reflection and observing local wildlife.

Cadet Nikhil's participation in the camp exemplifies the values and ethos instilled by the Mittal Group of Institutes' Naval Wing, emphasizing resilience, teamwork, and a profound connection with nature. The experience not only enhanced his physical endurance but also contributed significantly to his personal growth and confidence.



## FELICITATION CEREMONY OF MRS. JYOTI RATRE JI BY FTS YUVA BHOPAL AT MGI



**Date:** 13 July 2024  
**Venue:** Mittal Group of Institute

FTS Yuva Bhopal organized a memorable felicitation ceremony to honor Mrs. Jyoti Ratre ji, the oldest Indian woman to summit Mount Everest in 2024.

### Opening Ceremony

The ceremony commenced with the lighting of the ceremonial lamp, symbolizing the illumination of knowledge.

### Introduction by Mrs. Aparna Bansal Ji

Mrs. Aparna Bansal, President of FTS Yuva Bhopal, took the stage to introduce Mrs. Jyoti Ratre ji and highlighted on activities of the Friends of Tribal Society (FTS), emphasizing the organization's dedication to the upliftment and education of tribal communities.

### Inspirational Talk by Mrs. Jyoti Ratre Ji

Mrs. Jyoti Ratre shared her exhilarating experience of reaching the summit of Mount Everest. Her narrative was not just a recounting of the physical challenges but also a testament to her unwavering determination and resilience. The audience was captivated and deeply inspired by her story.

### Felicitation of Mrs. Jyoti Ratre Ji

Mr. Jatin ji, Vice President of FTS Yuva Bhopal, presented her with a token of appreciation, acknowledging her extraordinary achievement.

### Distribution of Certificates

Certificates were awarded to students who participated in the "Be a Yoga Star" online competition, held on International Yoga Day.

### Vote of Thanks

Mr. Prakhar Mittal ji, Founder President of FTS Yuva Bhopal, concluded the ceremony with a heartfelt vote of thanks.

### Plantation Drive

The event concluded with a plantation drive, where all members of FTS Yuva Bhopal actively participated. The felicitation ceremony was a resounding success, leaving a lasting impact on all who attended.



## READERS' COLUMN



WRITER: ABHISHEK MISHRA

Student

MBA BATCH : 2023-25

MIT

### "मेरे सपने और संघर्ष"

#### परिचय

मेरा नाम अभिषेक मिश्रा है। मैं उत्तर प्रदेश के एक छोटे से गाँव में पैदा हुआ था। मेरे परिवार में मेरे माता-पिता और एक छोटा भाई हैं। हम एक मध्यमवर्गीय परिवार से हैं, और मेरे पिता एक टैक्सी ड्राइवर हैं, जबकि मेरी माँ गृहिणी हैं।

#### प्रारंभिक जीवन

बचपन से ही मैंने अपने परिवार की आर्थिक कठिनाइयों को देखा है। स्कूल के बाद मैं खेतों में अपने दादाजी का मदद करता था। मेरी शिक्षा गाँव के सरकारी स्कूल में हुई। स्कूल की पढ़ाई के साथ-साथ घर के कामों में भी हाथ बंटाना पड़ता था।

#### प्रेरणादायक घटना

जब मैं बारहवीं कक्षा में था, एक दिन मेरा दोस्त निमेश मेरे घर आया। और उसने कहा कि, मुझे उच्च शिक्षा प्राप्त करने के लिए शहर की ओर रुख करना चाहिए। क्योंकि उसे यह पता था। की मेरे सपने इन गांव की गलियों में पूरे नहीं हो पाएंगे।

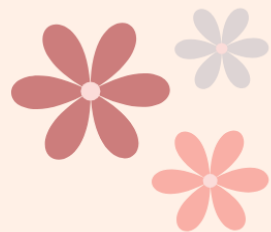
#### चुनौतियाँ और संघर्ष

बारहवीं के बाद मुझे आगे की पढ़ाई के लिए शहर जाना पड़ा। वहाँ पहुंच कर, मैंने स्नातक में दाखिला लिया। उसके बाद जब मैं प्रथम वर्ष का पहला पेपर देकर घर आया , और मैं आराम कर ही रहा था। तभी मेरे फोन की रिंग मुझे सुनाई दी । जब मैं उठकर फोन देखा तो वो किसी ओर का नहीं बल्कि मेरे पिताजी का फोन था । और मैंने उठा लिया पिता जी से बात करते करते पता चला की वैश्विक महामारी कोविड-19 दस्तक दे चुका था। वह समय था 22मार्च 2020! और मुझे विश्वास नहीं था , की ऐसी कोई महामारी दस्तक दे सकता है। तब मैं अपने कॉलेज पहुंचा, की अगर कोई ऐसी बात होगी तो कॉलेज में नोट्स आ चुका होगा । लेकिन वहा पर पेपर चल रहा था। मेरे जान में जान आई की ऐसी कोई महामारी नहीं आई है, और मैं वहा खड़ा होकर अपने दोस्त से बात कर ही रहा था तभी अचानक मेरी नज़र एक चपरासी की ओर गई और वह नोट्स बोर्ड की ओर बढ़ रहा था, और मैं देखा कर हैरान हो गया , की वकाई में महामारी दस्तक दे चुका था, और मैं निराश होकर अपने सपनों को समेट कर वापस अपने गांव की ओर चल दिया । जब मैं गांव पहुंचा तो , तब मुझे पता चला की भारत सरकार ने 24 मार्च 2020 को पूरे देश में लॉकडाउन का आदेश जारी कर दिया। लेकिन मैं हार नहीं माना और अपने सपने को पूरा करने के लिए मेहनत करता रहा, क्योंकि मुझे पता था जब भी लॉकडाउन खुलेगा , तब मैं अपने सपनों के साथ फिर शहर की ओर चल दूंगा ।

#### वर्तमान स्थिति

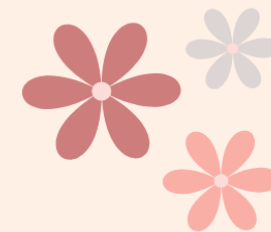
आज मैं एक मास्टर ऑफ बिजनेस एडमिनिस्ट्रेशन (एमबीए) का छात्र हूँ, और एक अच्छी संस्था में शिक्षा ग्रहण कर रहा हूँ। और वह संस्था है, "मित्तल इंस्टिट्यूट ऑफ़ टेक्नोलॉजी " मैं अपने एमबीए विभाग के सभी मेंटर को धन्यवाद देता हूँ, की जो मेरे सपने थे। कोविड-19 के बाद जब मैं इस संस्था से जुड़ा तब मेरे सपनों को साकार करने के लिए मेरे विभाग के मेरे सभी मेंटर मैम / सर कड़े प्रयास कर रहे हैं !

धन्यवाद.. 🙏🙏



## "UNWRAPPING NOSTALGIA: A JOURNEY THROUGH TIME"

MS. PALLAVI TIWARI  
ASSISTANT PROFESSOR  
MBA- MIT



Last evening, as I let the soothing music wash over me and reminisced about a time filled with cherished memories. In a peaceful place, I started unwrapping an old carton box, discovering a treasure trove of nostalgia.

Inside, I discovered an old diary, its pages yellowed with time and full of the reflections of my younger self. Faded photographs, each capturing a moment of joy or sorrow, lay scattered amongst gift wrappers, old greetings, and slam books. The past was a vivid depiction of my younger self, full of dreams and aspirations.

I kept rose petals hidden in an old book, along with lyrics to songs I scribbled to remember. My favorite toy, a cherished possession I never wanted to share with anyone. My first Titan watch, a gift from my father, brought back memories of his pride and love. Stickers that I once used to decorate my school copies took me back to the simpler joys of childhood.

The bracelet I had hidden from my siblings was one of the items that stood out, and I was determined to keep it for myself. An unfinished poem laid tucked away, that I can't finish now, a testament to the feelings of a 21-year-old girl whose emotions have since evolved and matured.

As I searched through these items, I couldn't help but wonder if it's possible for me to wipe away the dust that had settled over my carefree childhood.

Life seemed to have whizzed by in fraction of seconds, leaving behind these fragments of a time that once existed. These memories, while making me vulnerable, also forced me to confront the reality of life's pace.

As I reflect on these moments, I realized that the happiness lies in the small moments we live. The journey through memory lane, though bittersweet, is a reminder to cherish the now and embrace the person I have become.





**ABHISHEK MISHRA**  
**STUDENT- MBA**  
**SESSION : 2023 – 2025**

**नई सोच, नई पहचान**

जब भी हम गिरे, उन्होंने उठाया,  
नए नजरिए से, हमें जीना सिखाया।  
उनकी सीख और मेहनत का है असर,  
हमारी सफलता की कहानी है, हमारे अजय सर।

आभार व्यक्त करते हैं दिल से,  
आपके बिना सफर है अधूरा सब पल से।  
स्टार्टअप की दुनिया में, आप हैं हमारे सितारे,  
आपकी प्रेरणा से ही, हम बने आज खुदार।

सपनों को जो उड़ान दे, वो परिंदा खास होता है,  
राहें जो दिखाए नई, वो मेंटोर हर दिल के पास होता है।  
चुनौतियों में हौसला दे, हिम्मत को जो बढ़ाए,  
स्टार्टअप की दुनिया में, वही सच्चा मार्गदर्शक कहलाए।

संघर्ष की राहमें जो हौसला बढ़ाए, हर असफलता को  
सफलता में बदलाए।  
वो मेंटोरहैं हमारे, मार्गदर्शक महान, उनके बिना अधूरी है  
हमारी पहचान।

अजय सर कीप्रेरणा और पल्लवी मैम का मारदर्शक,  
ये दोनो स्टार्टअप की दुनिया में हैं सबसे बड़े संजीवनी।  
उनके अनुभव की धारा से, हर मुश्किल आसान होती है।  
सपनों को साकारकरने की प्रेरणा, उनसे ही मिलती है।



**ADNAN AHMED**  
**STUDENT- B.PHARM**  
**SESSION : 2022 – 2026**

**कहाँ गया बचपन**

जब रात को व्यक्ति सोता है  
क्यों नींद उसे ना आती है

मन के भीतर कौतूहल क्यों  
क्यों उसकी याद सताती है

ख्वाबों के मोती मन के जो  
चिट्ठी में अश्रु से गड़ता है

क्या लिखा है हाथ में किसके  
कौन सा बाबा पड़ता है

भीतर उसके कहीं दूर से  
एक किलकारी आती है

निकट गया उसके तो देखा  
एक बालक अंदर रूठा है

मार दिया बचपन को किसने  
यही सोच कर रोता है

पाने को बचपन वापिस वो  
बिलख बिलख कर रोता है

विरह की अग्नि में जल जल के  
छल कपट को जब वो सहता है

छोड़ गए सब साथ जो उसका  
बालक में अब बस करुणा है

गिरा रहे हैं कुछ लोग उसे  
पर बालक थोड़ी डरता है

घटनों के बल चलता है वो  
गिरता है और संभालता है

उठ लपेट लंगोट वो अपनी  
हर बार खड़ा हो उठता है





# MGI WALL OF FAME



**ANJUM ALMAS, KAMLESH KUMAR and JEEVAN NAGAR (B.Pharma) have qualified GPAT/NIPER 2024.**



**CADET VANDANA JAAT has completed the inter group competition (Nau Sainik Camp) and got selected for the next phase.**



**CADET NIKHIL MEHAR has successfully completed the prestigious All India Trekking Camp 2024 held in Balaghat.**



**DR. RANI RAJPUT and others, have been awarded a patent on 'Plasma Behaviour Analysing Design'.**



**अवसर के बारे में**

श्री. मार्क रेक्लाउ जी का जन्म 1975 में हुआ था। वे एक प्रसिद्ध अमेरिकी लेखक हैं। उन्होंने 'How to Become a People Magnet' नामक पुस्तक लिखी है।

डॉ. जफार खान जी ने इस पुस्तक का हिन्दी अनुवाद किया है। यह पुस्तक लोगों को अपने जीवन में सफलता प्राप्त करने में मदद करेगी।

डॉ. जफार खान जी का यह पुस्तक 'How to Become a People Magnet' है।

**DR. ZAFAR KHAN has book publication of the Hindi Edition of "How to Become a People Magnet" by Marc Reklau.**



**DR. ARPAN DWIVEDI, PRINCIPAL MIT has received certificate of appreciation for an active reviewer commitment member in affiliation to MIT of the IEEE sponsored International Conference (ACROSET 24).**



**SOLAR PHOTOVOLTAIC  
DR. AMIT SAHAY  
PROFESSOR ( DEPT. OF MECHANICAL ENGINEERING)  
MIT**

Solar Photovoltaic Panels are devices that convert sunlight into electrical energy. The basic building block of a solar panel is the Photovoltaic (PV) cell. An individual Solar PV cell is usually small, typically producing about 1 or 2 watts of power when exposed to sunlight. These cells are made of different semiconductor materials. In order to withstand the outdoors for many years, cells are sandwiched between protective materials in a combination of glass and/or plastics. To boost the power output of PV cells, they are connected together in chains to form larger units known as Solar panels.

The number of cells in a solar panel can vary from 36 cells to 144 cells. The two most common solar panel options on the market today are 60-cell and 72-cell. Solar modules are larger structures comprising multiple panels, offering higher power outputs, often exceeding several kilowatts. Modules can be used individually, or several can be connected to form arrays. One or more arrays is then connected to the electrical grid as part of a complete PV system.

Because of this modular structure, PV systems can be built to meet almost any electric power need, small or large. PV systems also include mounting structures that support the panels and point them towards the sun. PV systems also include electrical hardware that takes the direct-current (DC) electricity produced by modules and convert it to the alternating- current (AC) electricity so that electricity can be fed to the grid or used to power all of the appliances in a home.

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