



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

### THE MITTAL TIMES



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# OUR MGI FAMILY





# THE MITTAL TIMES

VOLUME 1 / ISSUE 3 / MARCH 2024

## COLOURFUL MARCH



## BUSINESS NEWS



### MINERALS

Talking to reporters on the sidelines of a function here, the secretary said, "In Africa, we are looking at Zambia, Namibia, Congo, Ghana and Mozambique for critical minerals."

Critical minerals, including lithium and cobalt, are crucial for technology, manufacturing and other industries.

### NISSAN TARGETS ONE MILLION VEHICLE SALES GROWTH OVER NEXT THREE YEARS

Announcing an update to its medium-term business plan, Japan's third-largest automaker by sales also said it would target an operating profit margin of over 6% and total shareholder returns of more than 30% by then.

Nissan Motor said on Monday it would aim to sell 1 million more vehicles globally over the next three years, launching 30 new models by the fiscal year ending in March 2027.

Announcing an update to its medium-term business plan, Japan's third-largest automaker by sales also said it would target an operating profit margin of over 6% and total shareholder returns of more than 30% by then.

<https://indianexpress.com/article/business/nissan-targets-one-million-vehicle-sales-growth-over-next-three-years-923270/>



### INDIA LOOKING AT AFRICA FOR CRITICAL MINERALS, SAYS MINES SECRETARY

India is looking at Africa for minerals, including cobalt, and other critical minerals, Mines Secretary V L Kantha Rao said on Friday.

The country is still engaging with Australia for lithium blocks, he said.

Talking to reporters on the sidelines of a function here, the secretary said, "In Africa, we are looking at Zambia, Namibia, Congo, Ghana and Mozambique for critical minerals." Critical minerals, including lithium and cobalt, are crucial for technology, manufacturing and other industries.

<https://indianexpress.com/article/business/india-looking-to-africa-for-critical-minerals-mines-secretary-vl-kantha-rao-9228304/>

### This Future Teacher Found a Path That Brings Together His Love of Language and Learning

*The teaching profession is in turmoil. In our Future Teachers series, we explore who is choosing this career path anyway — and why.*

When he was in high school, Zachary Farley latched onto the idea of becoming a teacher.

Then in college, when he started learning Mandarin, a deep love of languages took hold, and he began to make new plans.

After graduating, Farley entered a program to become a speech-language pathologist. This path seemed like the best way to blend his love of linguistics with his interest in teaching — that is, until he took a job as a paraprofessional at an elementary school in his hometown of Corona, California.

It began as a way to earn money and acquire relevant experience for a career in speech pathology. But Farley, who had been learning Mandarin for a few years by then, was serving a class of kindergarteners enrolled in a Mandarin-English dual immersion program. That's when everything fell into place.

"It ended up leading to this perfect point," shares Farley. He had a front-row seat to a career that would allow him to pursue his two greatest passions: language and learning.

With some encouragement from his peers and mentors, Farley shifted gears one more time.

He enrolled in a master's program at Claremont Graduate University (CGU) to pursue a multi-subject teaching credential. CGU has a teacher residency program that let him stay in the elementary school he was already in. As he puts it, "One day, I was working there as a paraeducator, and the next day I was student teaching in sixth grade." Farley's own journey as an adult language learner has positioned him to be relatable and empathetic toward his students, he says, and to show them that learning is lifelong.

In our Future Teachers series, we highlight individuals enrolled in teacher preparation programs today, to understand what attracted them to the education field in the first place, what inspires them, what worries them and why they remain undeterred. In this installment, we are featuring Zachary Farley.



Name: Zachary Farley

Age: 22

Current town: Corona, California

College: Claremont Graduate University

Intends to teach: Elementary education, ideally in a Mandarin-English dual immersion program

Hometown: Corona, California

# MITTAL GROUP OF INSTITUTES NEWS

## AAROHAN 2024

### CELEBRATING THE COLOURS OF TALENT

An exhilarating journey where talent knows no boundaries and creativity takes center stage! Aarohan 2024, our annual college fest, promises to be a celebration like never before, where the vibrant spectrum of talent shines in every aspect of our events.

Date: 05 ,06 and 07 March 2024

Venue: Mittal Group of institutes

Aarohan the epitome of innovation and excellence, is more than just a fest; it's a testament to the indomitable spirit of our college community. With each passing year, Aarohan aims to push the boundaries of creativity and showcase the diverse talents that define our generation.

Under the captivating theme "Colors of Talent," Aarohan 2024 celebrates the myriad hues of talent that grace our campus. From the bold strokes of artistic expression to the intricate melodies of musical genius, every talent adds its unique shade to the canvas of our fest. Whether you're a tech , a cultural , or a sports enthusiast. Aarohan welcomes all students of MGI to immerse themselves in a world of endless possibilities and boundless creativity.



# AAROHAN:2024

## HIGHLIGHT



### AAROHAN 2024 : MITTAL GROUP OF INSTITUTES

Our hon'ble Chairman Sir - Mr. Surendra Mittal Ji, with hon'ble guest Smt. Malti Rai Ji, Mayor of Bhopal. She encouraged our students to achieve success in the future.

All respected dignitaries, faculties, and students made this event successful. The three-day event happened seamlessly and with great zeal and joy!



Our hon'ble Vice Chairman Sir - Mr. Prakhar Mittal Ji and respected Principal Mr. Vinay Diwan Ji with 94.3 MY FM- RJ Aayzah Kashish



Smt. Malti Rai Ji with respected MGI Dignitaries

**तीस दिवसीय आरोहण-2024 का समापन अवसर**

### मितल ग्रुप ऑफ़ इंस्टिट्यूट, भोपाल में कलर्स ऑफ़ टैलेंट-प्रतिभा के विभिन्न रंग के रूप में आयोजित किया था

**विश्व अजय**

भोपाल, 7 मार्च 2024 (संवाद) - मितल ग्रुप ऑफ़ इंस्टिट्यूट, भोपाल में आयोजित 'आरोहण-2024' का समापन अवसर सफलतापूर्वक हुआ। इस अवसर पर विभिन्न रंगों के प्रतिभाओं को प्रदर्शित किया गया।

इस अवसर में मुख्य अतिथि के रूप में श्री सुन्दर मिश्रा जी, अध्यक्ष, मितल ग्रुप ऑफ़ इंस्टिट्यूट, भोपाल, और श्री मालती राय जी, भोपाल की मेयर, का शुभारंभ किया गया।

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## COLOURS OF TALENT





**SPORTS, TECHNICAL & CULTURAL EVENTS**

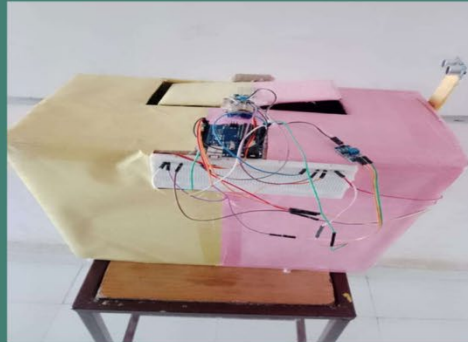
# INNOVATION AT MITTAL GROUP

## INNOVATIVE PROJECT BY MIT STUDENTS

### SMART GARBAGE SEGREGATION SYSTEM

**Project Name :** Smart Garbage Segregation System  
**Student Involved :** Rupam Mishra, Md. Sajid, Gourav Khushwah, Rahul Gir, Ankit Sahu  
**Sem :** 6th Sem (Computer Science Engineering)

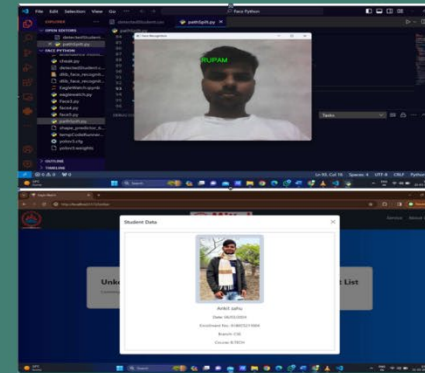
**Project Guide Name :-** Prof. Varsha Thakur (CSE Department)



**Project Uses :** The Smart Garbage Segregation System represents a cutting-edge solution aimed at automating the classification of dry and wet waste based on moisture levels. Employing an Arduino microcontroller, moisture sensor, and servo motors, the system accurately identifies moisture content within the waste and efficiently diverts it into designated bins. This innovative approach not only streamlines waste management processes but also enhances recycling efforts by ensuring proper segregation of materials.



### EAGLE WATCH SECURITY SYSTEM



**Project Name :** Eagle Watch Security System  
**Student Involved :** Rupam Mishra, Gourav Khushwah, Ankit Sahu, Vijya Savita, Divya Choursiya  
**Sem :** 6th Sem (Computer Science Engineering)

**Project Guide Name :-** Prof. Varsha Thakur (CSE Department)

**Project Uses :** The Eagle Watch Security System utilizes face recognition technology and machine learning to identify both known and unknown individuals. Upon detection, the system records various data including enrollment number, name, date and time of detection, as well as a photo, which is then stored in its database. A website has been developed for Mittal College, enabling users to access information about detected individuals sorted by date.

### THE AUTO GAS LEAK DETECTION SYSTEM

The Auto Gas Leak Detection System is made by the Students of Computer Science Department under the guidance of Prof. Varsha Thakur.

The Auto Gas Leak Detection System is designed to detect LPG gas leaks automatically and take appropriate actions to mitigate potential hazards. Basically it turn-off the regulator when gas leak happens.



## MGI NAVAL WING NCC CADETS PARTICIPATED SHAHEED E AZAM MARATHON 2024

Date : 24/03/2024



MGI Naval NCC Cadet Niharika Jha participated guard of honour during the visit of group commander Brig. Ajit Singh.

Date: 27/03/2024

## MGI - NAVAL NCC CADETS AS WELL AS ARMY CADETS APPEARED IN C CERTIFICATE EXAMINATION





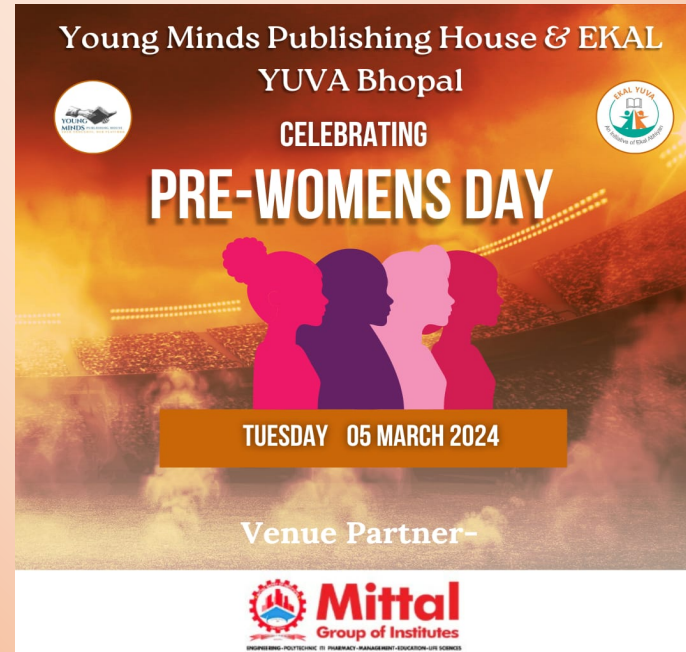
## ROBOTICS

### MECHANICAL ENGINEERING STUDENTS DOING ROBOTICS PROJECTS

Date: 01/03/2024



## PRE WOMENS DAY CELEBRATION AT MGI WITH YOUNG MINDS PUBLISHING HOUSE AND EKAL YUVA BHOPAL



“Women are leaders everywhere you look—from the CEO who runs a Fortune 500 company to the housewife who raises her children and heads her household. Our country was built by strong women, and we will continue to break down walls and defy stereotypes.”

— Nancy Pelosi

## ACHEIVEMENTS CORNER – SHOUT OUT!!

### DR. MALIKA PAL



Date: 29/02/2024

Dr. Malika Pal – Principal MIE had a live talk show at Bhopal Doodarshan as an expert on Biodiversity. And addressed the queries raised by the audience telephonically.

### DR. ARPAN DWIVEDI



Dr. Arpan Dwivedi – Principal MIT had reviewed total 6 manuscripts of Scopus and SCIE indexed journal.

### Certificate of Registration for a UK Design

Design number: 6350798  
Grant date: 18 March 2024  
Registration date: 03 March 2024

This is to certify that,

In pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

DR. MAHAVIR CHHAJED, DR. SUMEET DWIVEDI, MR. RAHUL CHAURASIA,  
MR. DEBADASH PANIGRAHI, DR. GAURAV JAIN, MR. PARAS GUPTA, DR.  
SATYAENDRA SHRIVASTAVA, DR. PRAVIN KUMAR SHARMA, DR.  
ABHISHEK DWIVEDI, DR. ARPAN DWIVEDI

In respect of the application of such design to:

GLUCOSE MONITORING SYSTEM

International Design Classification:  
Version: 14-2023  
Class: 24 MEDICAL AND LABORATORY EQUIPMENT  
Subclass: 02 MEDICAL INSTRUMENTS, INSTRUMENTS AND TOOLS FOR  
LABORATORY USE



Adam Williams

Adam Williams  
Comptroller-General of Patents, Designs and Trade Marks  
Intellectual Property Office  
The attention of the Proprietor(s) is drawn to the important notes overleaf.

Intellectual Property Office is an operating name of the Patent Office [www.gov.uk/government/organisations/intellectual-property-office](https://www.gov.uk/government/organisations/intellectual-property-office)

UK Design patent Granted in affiliation to the Mittal group of institutes.

### PROF. KALPANA VERMA

Date: 06/03/2024

Asst.Prof. Kalpana Verma was invited as a guest speaker at Madhyanchal Professional University (NSS Camp Scheduled Village Mangalik Bhawan).

She gave a lecture on environmental conservation and gave a motivational speech to the students.



# MGI DIGITAL CREATORS AWARD



**Sagar Meena**  
Winner



**Shushil Tiwari**  
Runner Up



**Vishal Namdev**  
Highest likes



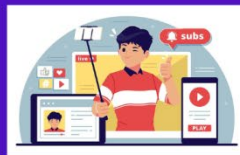
**Prof. Rani Kushwaha**  
Winner



**Prof. Garima Hada**  
Runner Up



**Prof. Prashansa Purohit**  
Highest Likes



#Mittalgroupofinstitutes



## PM Narendra Modi announces National Creators Award 2024

Prime Minister Narendra Modi presents the first-ever National Creators Awards at Bharat Mandapam in New Delhi, celebrating the contributions of digital content creators who have brought positive social change and innovation

PM said - Through Digital Creation you can reach out to ant corner of the world in a fraction of a second

The awards were given across 20 categories, including the best storyteller, the disruptor, celebrity creator, green champion, the best creator for social change, most impactful agri creator, cultural ambassador, best travel creator, swachhta ambassador, new India champion, tech creator, heritage fashion, most creative creator (male and female), the best creator in food category, the best creator in education and international creator award.

#DIGITAL INDIA



<https://www.timesnownews.com/india/pm-modi-has-a-messagefor-digital-creators-in-india-create-content-that-article-108353773>

## READERS COLUMN

### लक्ष्य पर बढ़ते चल

लक्ष्य पर बढ़ते चल,  
कर्म तू करते चल,  
चिंता न करो फल की.  
कर्म तू करते चल.  
राह पर बढ़ते चल,  
देश का भविष्य है तू, कर्म तुम्हे करना होगा,  
निरंतर अभ्यास से लक्ष्य को छूना होगा,  
देश तुम्हे पुकार रहा है.  
अब तुम्हे जगना होगा,  
अपने कर्म से लक्ष्य पर ढलना होगा,  
छोटी छोटी मुसीबतों से तुम्हे गुजरना होगा,  
इनको पीछे छोड़ तुम्हे आगे बढ़ना होगा,  
अपने लक्ष्य पर कर्म करते रहना होगा,  
गांव के लोगों को तुम पर इतना है विश्वास,  
उसे टूटने न देना चाहे आएँ हजारों रुकावटें,  
कर्म तू करते चल,  
राह पर बढ़ते चल,  
कर्म तू इतना कर,  
सफलता तेरा कदम चूमे,  
सारा जगत गर्व करे तुम पर,  
लक्ष्य पर बढ़ते चल,  
कर्म तू करते चल।

सत्यराम पाल

Mittal Institute of Technology  
(B. Tech CS branch 1<sup>st</sup> year)

### आरोहण -2024

मित्तल... मित्तल ....

मित्तल परिसर की शान निराली,  
चहुँ ओर फैली जिसके हरियाली।  
बीच शहर के मध्य में है संचालित,  
जहां बना है भोपाल मेमोरियल ॥  
मित्तल, मित्तल...2  
फोफेसर मित्तल जी का है सपना,  
सब पूरा करेंगे समझ कर अपना।  
सम्पूर्ण जीवन की शिक्षा अराधना,  
पढ़ने वालों का जीवन हो उज्ज्वल॥  
मित्तल मित्तल.....2  
सुरेंद्र सर बड़े सहज और सरल हैं,  
जहां सब समस्याओं का हल है ।  
मुंस्कुराकर करते सबका स्वागत,  
उनके हर प्रयास रहते हैं सफल ॥  
मित्तल, मित्तल .....2  
प्रखर सर की प्रखरता है महान,  
इस बगिया के है प्रमुख बागवान।  
सबका रखते ध्यान , देते सम्मान,  
शिखर पर ले जाने का धैय अटल॥  
मित्तल, मित्तल ...2

मित्तल के हैं आप नींव के पत्थर,  
शिक्षा अनुशासन को सदैव तत्पर।  
भीष्म पितामह है हम सबके चहेते,  
कठोर पर सहृदय है प्यारे ये कर्नल॥  
मित्तल, मित्तल.....2  
धन-कुबेर की रक्षा के प्रणय प्रणेता,  
बिना रिक्यूजन के जा न पाये क्रेता।  
सादगी और हंसी उनकी है पहचान,  
लक्ष्मी पुत्र हिसाब रखते हैं हर पल॥  
मित्तल, मित्तल ....2  
फॉर्मेसी की अपनी शान है निराली,  
शीट कभी न रहती जिसकी खाली।  
मनी गुहा जी की यह मधुर मुंस्कान,  
मिलनसार, हरपल रहते हैं निश्चल॥  
मित्तल, मित्तल.....2  
काउंसिलिंग के आप मास्टर माइंड है,  
आईटीआई के यह मजबूत ग्राउंड है ।  
सबसे मिलकर आप योजना हैं बनाते,  
बजन घटाने आप आते हैं पैदल ॥  
मित्तल, मित्तल .....2  
प्रबंधन का अनुबंधन है सबसे प्यारा,  
सिमरीन जी के आशीर्षों का सहारा।  
सबके साथ है बंधन का प्यारा रिश्ता,  
मैनेजमेंट सदा रहेगा आज हो या कल॥  
मित्तल, मित्तल.....2

यूजी की महिमा हम सब में प्यारी,  
मलिका जी के सहृदय से आभारी।  
विशाल परिवार है सब कोसों का,  
जो कहीं न जाये वह यूजी में चल॥  
मित्तल मित्तल.....2  
शिक्षा संकाय है लक्ष्मी का भंडार,  
जिससे बढ़ता शिक्षा का घर-संसार।  
शिक्षकों की खुशी का है यह राजदार,  
शिक्षक ही बनाएंगे देश को अक्वल॥  
मित्तल, मित्तल.....2  
मित्तल का प्लेसमेंट रहता शत -प्रतिशत,  
सब सुविधाओं से भरी इसकी विरासत।  
आरोहण है वसुधैव कुटुंबकम का भाव,  
हम ही नहीं सबकी पसंद है यह मित्तल।  
मित्तल, मित्तल .....2.

- प्रस्तुति

डॉ. विनय कुमार दीवान  
शिक्षा संकाय।

## ENVIRO TALK

Let's talk about Garbage. Indian urban house hold produces about 1.15 lakh metric tons of garbage per day (TPD). It is the most misunderstood word because in nature nothing is useless. Actually the domestic garbage is actually a bag full of aggregate of misplaced resource. This resource has to be segregated so that it can be recycled or reused. Segregation at the point of waste generation is the best place to do so. Many garbage collecting civic bodies urges the house hold to segregate dry and wet garbage. Now this dryness and wetness is not related to the moisture content of the material.

Any material which decomposes naturally or which is biodegradable are wet garbage (geela kachra) so a dry news paper or a cardboard box is wet garbage. Fabric made up of natural fibers (cotton, silk pure wool etc) comes under wet garbage and synthetic fabric, plastic coated paper, flex, polythene are dry garbage., similarly wood & non treated plywood comes under wet garbage & sun-mica, Chemically treated plywood are dry garbage. These can be converted into compost, or may be filled in land fill sites to reclaim the land. Although paper is biodegradable and can easily decompose, but it is advisable to not to through paper in garbage bin.

It should be given for recycling purpose, in India Kabadi wala system efficiently channels paper for recycling. Only we need to revive old habits of storing it nice stacks, not only news paper but also all other types of paper, for easy disposal. If we recycle 1 ton of paper we save 25 trees.

We will be discussing about Dry Garbage in the next issue...Happy reading.

**Dr. Malika Pal**

**Principal**

**Mittal Institute of Education**

**EDITOR:**

**MS. PALLAVI TIWARI**

7987722690

**PROOFREADER**

**MS. AMBIKA SINGH PARIHAR**

7898915918

**MBA - MIT**

## सीखते सीखते में और बेहतर इंसान बन गईं

में ज़िंदा किस तरह करू  
जो उम्र अब निकल गई,  
हर सुबह हुई सुहानी  
जो रात से पिघल गई,  
समय की तेज धार से  
ज़िन्दगी जाने कब कट गई,  
सीखते सीखते में और  
बेहतर इंसान बन गईं ।

रोज़ाना इस बाज़ार में  
रिश्तों का मेला लगे,  
कितने रंग के चरित्र  
इस्तिहार में मेरे छपे,  
कुछ दूर बहुत निकल गए  
कुछ रेत से फिसल गए,  
में सिर्फ़ अफ़सोस करू  
ऐसी मेरी फितरत नहीं,  
सीखते सीखते में और  
बेहतर इंसान बन गईं ।

आसमां तले जो तारे सोते  
शुक्रिया उनका मुझे पनहा दी,  
और अकेली थी ज़िन्दगी  
फिर रक्त की हलचल सुनी,  
हाथ जोड़ सिर झुका के  
में नमन सभी को करती रही,  
सीखते सीखते में और  
बेहतर इंसान बन गईं ।

**Pallavi Tiwari**

**Assistant Professor**

**Mittal Institute of Technology**