



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA**

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत

**DEEMED UNIVERSITY**

(Declared under Distinct Category by Ministry of Education, Government of India)

**NAAC ACCREDITED WITH A++ GRADE**

**DEPARTMENT OF MECHANICAL ENGINEERING**

# SUMMER 2025 E-NEWSLETTER

दर्पणम्

*Darpanam*

آرسی

## INSIDE

<b>VISION AND MISSION</b>	<b>1</b>
<b>CHAIR LETTER</b>	<b>2</b>
<b>EVENTS &amp; ACTIVITIES</b>	<b>3</b>
<b>FACULTY NEWS</b>	<b>4</b>
<b>STUDENTS NEWS</b>	<b>5</b>
<b>STUDENT WRITINGS</b>	<b>8</b>

**Dr. Surendra Kumar**  
**Chourasiya**

Faculty Incharge

**Shreya Sharma**

Content Writer

**Khushi Kumari**

Marketing Specialist

**Mansi Verma**

Graphic Designer

**Archana Prajapati**

Media Manager

**Harsh Bhardwaj**

Editor

## Vision

*"To develop innovative and creative Mechanical Engineers catering the global industrial requirements and social needs"*

## Mission

- To prepare effective and responsible graduate engineers for global requirements by providing quality education.
- To enhance knowledge through project and internship in the field of Mechanical and allied engineering.
- To guide students in acquiring career- oriented jobs in the field of Mechanical engineering.
- To provide academic environment of excellence, leadership, ethical values and lifelong learning to cater the need of society by sustainable solutions.

**“विद्या ददाति विनयं, विनयाद् याति पात्रताम् ।  
पात्रत्वात् धनमाप्नोति, धनात् धर्मं ततः सुखम् ॥”**

# CHAIR'S LETTER

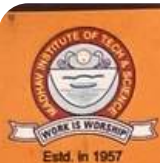
I am happy to note that the Department of **Mechanical Engineering** is releasing its Newsletter for **Summer 2025 (April - June)** enumerating the various activities and achievements of our faculty and students. Department of Mechanical Engineering is one of the oldest departments established in 1957 at **MITS Gwalior**. The department endeavors to produce confident professionals tuned to real time working environment. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them. The department has been steadily growing into an impressive dimension, which strives to encourage excellence in academic and co-curricular activities. I congratulate the entire Mechanical Engineering department faculties, staff and students for their contribution to department activities and look forward for future developments. The department focuses on the holistic development of the students and to engage them in creativity, innovation, entrepreneurial/start up activities.

I wish a good learning to all the students!  
Warm Regards.



**Dr. Chandra Shekhar Malvi**  
(Head of the Department)

– **Dr. Chandra Shekhar Malvi**  
**Head of the Department**  
**Mechanical Engineering**  
**MITS Gwalior**



## **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to R.G.P.V. Bhopal)

### **Vision & Mission of Department of Mechanical Engineering**

#### **VISION**

“To develop innovative and creative Mechanical Engineers catering the global industrial requirements and social needs”

#### **MISSION**

- M1** To prepare effective and responsible graduate engineers for global requirements by providing quality education.
- M2** To enhance knowledge through project and internship in the field of Mechanical and allied engineering.
- M3** To guide students in acquiring career-oriented jobs in the field of Mechanical engineering.
- M4** To provide academic environment of excellence, leadership, ethical values and lifelong learning to cater the need of society by sustainable solutions.

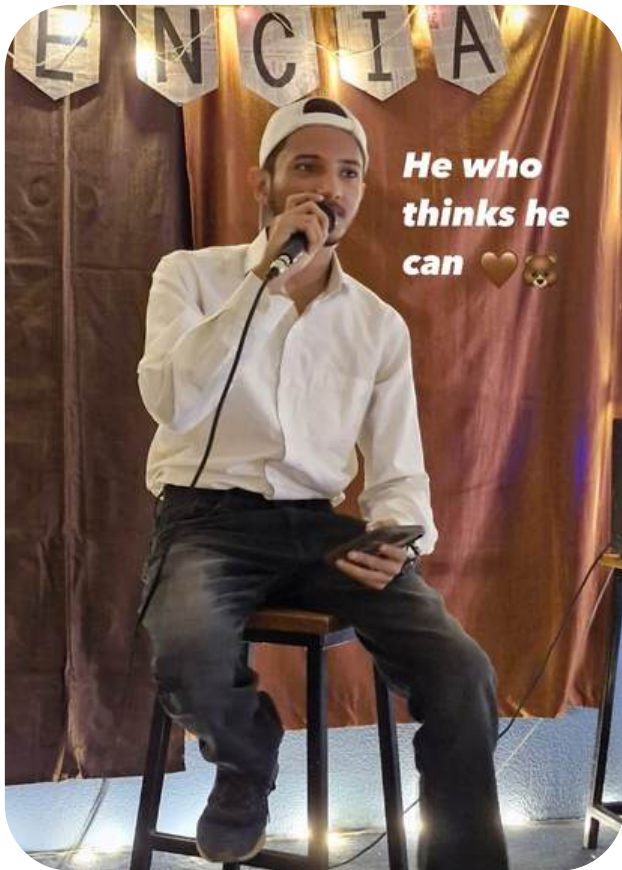


# EVENTS AND ACTIVITIES

## Querencia

### Arz Kiya Hai

20 April 2025  
Seminar Hall 10  
MITS-DU Gwalior



Querencia Club organised Arz Kiya Hai - Poetry Competition. Archana Prajapati and Harsh Bhardwaj students of Mechanical Engineering achieved Honorable Mentions.



‘वो वक़्त कुछ और था, यह दौर कुछ और है  
कल दर्द कुछ और थे, अब दौर कुछ और है’  
- Harsh Bhardwaj

# FACULTY NEWS

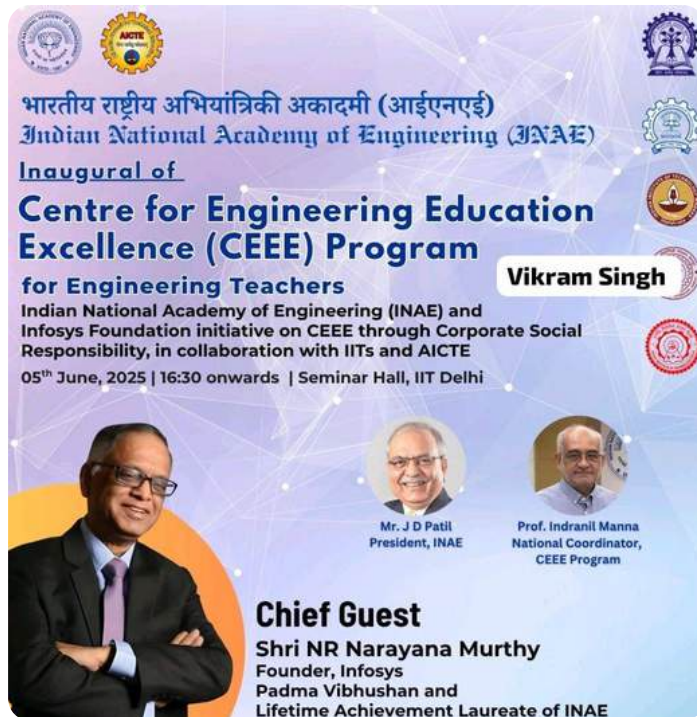
**IIT Delhi**

## INAE-CEEE

5-21 June 2025

Seminar Hall

Main Building, IITD



held at IIT Delhi and other leading IITs. Dr. Nitin Upadhyay and Dr. Surendra Kumar Chourasiya successfully completed two week INAE-CEEE programme at the IIT Delhi, from 9<sup>th</sup> to 21<sup>st</sup> June, 2025. This programme is enhancing engineering education by providing faculty with certifications in modern teaching methodologies. The goal of this programme is to create a significant and positive impact on the quality of engineer education across India.



The Indian National Academy of Engineers (INAE) and the Infosys Foundation, with the support of AICTE and the five IITs including IIT Delhi, organised a joint initiative which is referred to as the Centre for Engineering Education Excellence (CEEE). Launched in June 2025, this program aims to transform engineering education in India by certifying teachers through pedagogical workshops





# STUDENTS NEWS

## Final Year Students

## Industry Offers



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA**  
माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत  
(Deemed to be University)  
NAAC ACCREDITED WITH A++ GRADE

**DEPARTMENT OF MECHANICAL ENGINEERING**  
NBA Accredited

Final Year Mechanical Engineering Students (Batch 2022–2026)

Student Name	Company	Stipend
Aiman Zafar Qureshi	DISA India Ltd	4.2 LPA
Himanshu Kumar Singh	DISA India Ltd	4.2 LPA
Ashish Kumar Dubey	DISA India Ltd	4.2 LPA
Anand Dangi	AVTEK (CKA BIRLA GROUP)	2.0 LPA
Aryan Raj	Onebanc pvt ltd	5.0 LPA
Pratham Chugwani	DISA India Ltd	4.2 LPA

*Congratulations to our Mechanical achievers entering final year with industry offers!*

*Congrats!*

**LEARN. BUILD. ACHIEVE — THAT'S THE MECHANICAL SPIRIT.**

Aiman Zafar Quereshi, Himanshu Kumar Singh, Ashish Dubey and Pratham Chugwani, students of Final Year Mechanical Engineering, MITS Gwalior achieved offers of 4.2 LPA from DISA India Ltd. - a manufacturing company based in Tumkur, Karnataka. Anand Dangi, student of Final Year Mechanical Engineering, MITS Gwalior achieved an offer of 2.0 LPA from AVTEK (CKA BIRLA GROUP) - an Automotive company. Aryan Raj, student of Final Year Mechanical Engineering, MITS Gwalior achieved an offer of 5.0 LPA from Onebanc pvt ltd. -

a Gurugram, India-based neo-banking startup that provides an AI-powered financial wellness and digital banking platform.



We congratulate these students on behalf of the department. Keep building and keep inspiring.

# STUDENTS NEWS

## Internships Before Graduation Industry Offers

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत  
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA  
Deemed University  
(Declared under Distinct Category by Ministry of Education, Government of India)  
NAAC ACCREDITED WITH A++ GRADE  
DEPARTMENT OF MECHANICAL ENGINEERING  
NBA Accredited  
Final Year Mechanical Engineering Students (Batch 2022-2026)

**Priyanka Rajawat**  
Asahi India Glass Ltd  
Stipend : 4.5 LPA

**Devangani Singh**  
Asahi India Glass Ltd  
Stipend : 4.5 LPA

*Internships before graduation*  
Congratulations to our Mechanical achievers entering  
final year with industries offers!

LEARN. BUILD. ACHIEVE — THAT'S THE MECHANICAL SPIRIT.

Priyanka Rajawat and Devangani Singh, students of Mechanical Engineering, MITS Gwalior entered final year with industry offers of 4.5 LPA from Asahi India Glass Ltd. - India's leading integrated glass and window solutions company and a dominant player both in the automotive and the building & construction segments.



We congratulate these students on behalf of the department. Keep building and keep inspiring.



# STUDENTS NEWS



## Internship at **Rites Ltd.**

12 June 2025

Rites Ltd.

Gurugram, HR

Radhika Dandotiya, student of B.Tech (Mechanical Engineering) 3<sup>rd</sup> year at Madhav Institute of Technology and Science deemed University (MITS-DU) Gwalior underwent internship at Railway Equipment Services (RES) Department of RITES, Gurugram, Haryana from 12 June 2025 to 12 August 2025.



**RITES**  
THE INFRASTRUCTURE PEOPLE

75  
आजादी का  
अमृत महोत्सव

राइट्स लिमिटेड  
(भारत सरकार का प्रतिष्ठान)  
**RITES Limited**  
(Schedule B Enterprise of Govt. of India)

राइट्स/एचआरडी/36-03/2024-25/41  
Date: 20.08.2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Radhika Dandotiya**, student of B.Tech (Mechanical Engineering) at Madhav Institute of Technology and Science, Gwalior underwent internship at Railway Equipment Services (RES) Department of RITES from 12/06/2025 to 12/08/2025.

**Ms. Radhika Dandotiya** has shown keen interest in picking up various aspects related to the working of the division.

We wish success for her future endeavours.

धन्यवाद,

Warm Regards

  
Avriti Jaiswal  
सहायक प्रबंधक (HR) प्रशिक्षण  
Assistant Manager (HR) Trng.  
दूरभाष: 0124-2728345/367  
ईमेल: avriti.jaiswal@rites.com

Transforming to GREEN

कॉर्पोरेट कार्यालय: गिफ्ट, प्लॉट नं. 1, सेक्टर-29, गुरुग्राम - 122 001 (India); Corporate Office: Shikhar, Plot No. 1, Sector-29, Gurugram-122 001 (India)  
पंजीकृत कार्यालय: लक्ष्मी नगर, दिल्ली-110092 (India); Registered Office: SCOPE Minar, Laxmi Nagar, Delhi-110092 (India)  
दूरभाष: (Tel.) (0124) 2571666 फोन (Fax): (0124) 2571660, ई-मेल (E-mail): info@rites.com, hr@rites.com (Web): www.rites.com

पंजीकृत का पता: गुडगांव, प्लॉट 144, सेक्टर 44, गुडगांव - 122 003 (India); Correspondence Address: Sirjan, Plot No. 144, Sector-44, Gurugram-122 003 (INDIA)  
CIN: L74899DL1974G01007237

# STUDENT WRITINGS

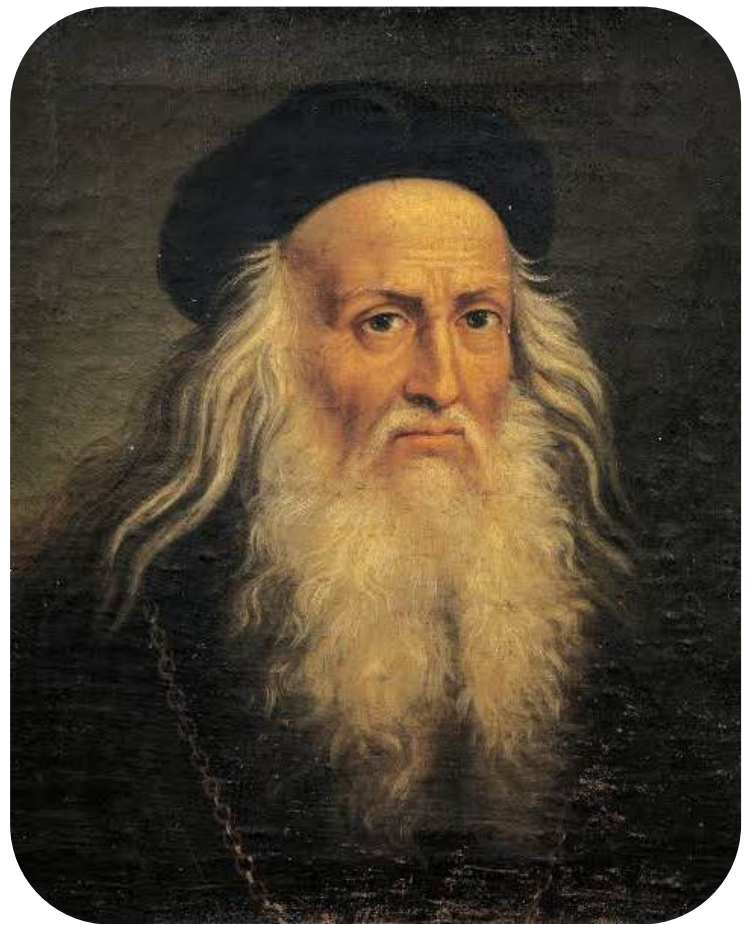
## Proof that imagination, curiosity, and the courage to dream can shape the future

### The Man Who Saw the Future: Leonardo da Vinci

Leonardo da Vinci was born on April 15, 1452. He is best known as the artist behind the Mona Lisa and The Last Supper. But Leonardo was more than just a painter—he was a **thinker, inventor, and dreamer** who looked at the world with endless curiosity.

Many people know him as a great artist, but not many know that he filled thousands of pages with sketches of **flying machines, bridges, and human anatomy** centuries before science could prove them possible. He taught himself by observing nature, watching how birds flew and how water moved. Though many of his inventions were never built in his time, his ideas later shaped modern science and engineering.

Leonardo believed that learning never ends. He once said, “Learning never exhausts the mind.” That means curiosity is the fuel that keeps us growing. He was not perfect, but he showed the world that



creativity, passion, and imagination can open doors to the impossible. He taught us that it's okay to dream wildly—as long as you keep asking questions.

His story inspires us to think big and never stop chasing our dreams.

*"The people who are crazy enough to think they can change the world are the ones who do."*



## Poetry

---

### Wandering in Silence

I remember wandering through the rain-drenched streets,  
as silence slept over me.  
My soul was soaked in the mist of loneliness,  
even while they walked beside me.

Their coldness turned their presence into  
absence,  
while my own presence slowly faded  
into the air of agony.

Lying on my bed, I dread the calling of that very day,  
for I know the moment will again break me into pieces,  
compelling me to hide my sadness  
beneath the veil of happiness.

And once again,  
I will wander the streets—  
in silence.

---

— Written by Aahan Singh,  
Mechanical Engineering, 2nd Year

# STUDENT WRITINGS

## Poetry

तुम हो तो मैं हूँ  
तुम बिन मैं कुछ भी नहीं॥  
तुम सवेरा , मैं सांझ हूँ  
तुम सरगम , मैं राग हूँ॥  
तुम हकीकत , मैं ख्वाब हूँ  
तुम माथे का तिलक, मैं पाँव की धूल का भाग हूँ  
तुम उम्मीदों का जवाब, मैं कठिन सवाल हूँ॥  
तुम चाँद की रौशनी , मैं टिमटिमाता सितारा हूँ।  
तुम किस्मत की लकीर , मैं इश्क अधूरा हूँ॥  
तुम हो तो मैं हूँ.....  
तुम बारिश की ठंडक , मैं धूप की तपिश हूँ  
तुम सावन की फुहार , मैं पतझड़ की उदासी हूँ॥  
तुम नदी की कलकल , मैं सागर की गहराई हूँ  
तुम गीतों की मिठास , मैं सुरों की परछाई हूँ॥  
तुम खुशबू की पहचान , मैं बिखरती हुई हवा हूँ  
तुम बंजर में हरियाली , मैं रेगिस्तान की दवा हूँ॥  
तुम हो तो मैं हूँ ,  
तुम बिन मैं कुछ भी नहीं॥

-@rchana ✨

- Archana Prajapati



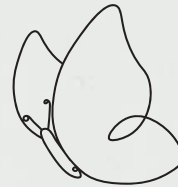
# STUDENT WRITINGS

## Poetry (Ghazal)

### Kya Chal Raha Hai

तेरे कहे से कुछ कहाँ चल रहा है  
खेल अलग ही कुछ यहाँ चल रहा है

जलना पड़ता है दुनिया की खुशी के लिए  
सूरज जल रहा है तो जहाँ चल रहा है



अकेले चलने में इतना घबराया ना कर  
तेरे साथ हर दम खुदा चल रहा है

वैसे तो हम इससे ऊपर उठ चुके हैं  
पर ज़मीं पे नया क्या चल रहा है



आग लगे तो ज़माना गुज़र गया है  
अब तो बस यहाँ धुआँ चल रहा है

प्यासों को एक बूँद नसीब नहीं है  
बेकदरों के साथ कुआँ चल रहा है



# PROGRAM OUTCOMES

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- Graduates of the program will be able to have successful professional career.
  - Graduates of the program will be able to develop attitude of learning and become adaptable to dynamic industrial and social environment.
  - Graduates of the program will be able to design and develop mechanical system by using skills and knowledge of core competency along with allied engineering skill.
  - Graduates of the program will be able to undertake interdisciplinary research needed to build a sustainable society.
- 
- Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
  - Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
  - The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
  - Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
  - Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

## PROGRAM OUTCOMES (POs)

*Mechanical and Automobile Engineering Graduates will be able to:*

- Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



# NEWSLETTER COMMITTEE



**Dr. Surendra Kumar Chourasiya**  
Faculty Incharge  
ME Assistant Professor



**mech.d\_mits**  
ME official IG, YT & FB  
Follow for latest updates

## Team Members



**Khushi Kumari**  
Marketing Specialist  
ME 2nd Year



**Mansi Verma**  
Graphic Designer  
ME 2nd Year



**Shreya Sharma**  
Content Writer  
ME 2nd Year  
[linkedin.com/in/shreya-sharma-0262b5214](https://www.linkedin.com/in/shreya-sharma-0262b5214)



**Archana Prajapati**  
Media Manager  
ME 2nd Year



**Harsh Bhardwaj**  
Editor  
ME 2nd Year  
[linkedin.com/in/harshbhardwaj18](https://www.linkedin.com/in/harshbhardwaj18)

‘अकेला ही चला था जानिब-ए-मंज़िल मगर,  
लोग साथ आते गए और कारवाँ बनता गया”

- मजरुह सुल्तानपुरी





# Darpanam

दर्पणम्



**We welcome your recent news for  
inclusion in our next newsletter.  
Please email your updates to  
[rescuebird18@gmail.com](mailto:rescuebird18@gmail.com)**

## **DISCLAIMER:**

'MITS Mechanical Engineering department E-Newsletter' is meant for Private Circulation only intended to bring quarterly updates of the institute's activities related information published in various media like newspapers, and digital media, etc. to the attention of members of research and academic fraternity of India. Sources of all cited information have been acquired from concerned individuals and are duly acknowledged and members are advised to read, refer, research and quote content from the original source only, even if the actual content is reproduced. The information content does not reflect quality judgment, prejudice or bias by MITS Mechanical Engineering department E-Newsletter committee. Selection is based on the relevance of content to members, readability/ brevity/ space constraints/ availability of content.

**Department of Mechanical Engineering  
Madhav Institute of Technology and Science  
Gwalior 474005  
[mitsgwalior.in/newsletter-me](http://mitsgwalior.in/newsletter-me)**

**Published by** E-Newsletter Committee  
dept. of Mechanical Engg. MITS Gwalior  
**Design Layout:** Harsh Bhardwaj

**A Quarterly Newsletter: June 2025 Issue**