

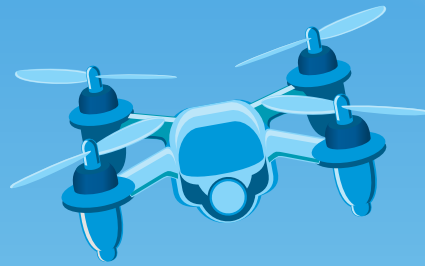


OPJU



**Jan 2025
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Issue 1**

NEWSLETTER



Successful Leadership: From Doing to Being



Dr. R. D. Patidar
Vice Chancellor



Leadership has traditionally been associated with doing—taking action, making decisions, and solving problems. While these are essential aspects of leadership, the most successful leaders transcend mere action and evolve into being—embodying values, vision, and presence that inspires and empowers others. This transition from doing to being marks the journey from management to true leadership.

The Shift from Doing to Being

In the early stages of leadership, individuals focus primarily on tasks, execution, and control. They ensure that goals are met, problems are solved, and teams function efficiently. However, as leaders grow, they realize that leadership is not just about getting things done; it is about creating an environment where others are motivated to achieve more, innovate, and contribute meaningfully.

1. From Task-Oriented to Vision-Oriented Leadership

Doing: A manager ensures that daily production targets are met, overseeing employees' tasks closely.

Being: A leader instills a vision of sustainability and space exploration, inspiring his teams to think beyond immediate goals and work toward groundbreaking innovations.

2. From Commanding to Inspiring

Doing: A football coach micromanages every move during a match, directing players constantly.

Being: A leader builds a culture of self-belief and teamwork, influencing players to adapt, strategize, and perform at their best, even when he is not actively giving instructions.

3. From Problem-Solving to Empowering Others

Doing: A hospital administrator personally intervenes in every operational challenge.

Being: A leader empowers his team to take ownership of healthcare delivery, fostering a culture of innovation and responsibility.

4. From Controlling to Trusting and Enabling

Doing: A startup founder monitors every task and decision, maintaining strict control.

Being: A leader transformed the company's culture by adopting a growth mindset, encouraging collaboration, and trusting employees to take initiative.

How to Transition from Doing to Being

1. **Cultivate Self-Awareness** – Reflect on your leadership style, values, and long-term vision.
2. **Empower Others** – Trust your team to make decisions and take responsibility.
3. **Focus on Culture and Vision** – Create an inspiring workplace culture that drives innovation and engagement.
4. **Lead by Example** – Embodiment the principles you wish to see in others rather than just directing them.
5. **Develop Emotional Intelligence** – Understand and connect with people on a deeper level to build strong relationships.

Conclusion

Leadership is not just about doing tasks efficiently; it is about being a force of inspiration and change. While actions are crucial, they should stem from a deeper understanding of vision, trust, and empowerment. When leaders make this transition, they leave a lasting impact—not just on their organizations but on the people they influence.



SOLVING THE REAL WORLD PROBLEM

Navya and Navjivan won the ECOINNOVATORS IDEATHON 2025

B.Tech (CSE) 6th-semester Computer Science & Engineering students, emerged as Grand Champions of the *ECOINNOVATORS IDEATHON 2025: Where Tech Powers Earth's Future*. The competition, organized by the Global Learning Council in collaboration with Villars Institute, recognized their outstanding innovation and problem-solving skills. As a reward, they have been invited to Villars, Switzerland, to present their idea at a prestigious symposium.



“

Seeing our idea take shape and get recognized at this level is truly exciting! It reinforces our belief that innovation starts with everyday observations.

”



Navya Tiwari

*B.Tech, 6th Semester
Dept. of Computer Science & Engineering*



“

Living in an industrial area, we've witnessed the impact of air pollution on daily life - especially when harmful gases are released at night. This inspired us to develop CAQMIEAS. Our goal is to empower communities with data and hold industries accountable for environmental compliance.

”



Navjivan Kumar Mehta

*B.Tech, 6th Semester
Dept. of Computer Science & Engineering*

Scintillating Spirits

*New Year, New Hopes, New journey, New Resolutions
Blinking phases of an imperfect me
Darkness betwixt the dim paths, yet a shining version
finds its way beyond, a shimmering me*

*Discovery of a new journey, a rollercoaster of emotions
Shining like a pearl so bright, exploring the mysterious life potions
riding in an enthralling chase of life
I die with a smile each day to steal the moments
I forever wanna live*

*Scintillating spirits dancing round and round
Rejoicing their victories which knew no bounds
Recreating their dreams as if it were a reality
Stubborn enough to slay their perfection till eternity*

*Mirror of new beginnings dazzle forever
Uplifting the mood of fleeting moments
Home built afresh stays forever
Why we even, prioritize glooms when blooming vibes reside forever...*



Shruti Ghosh

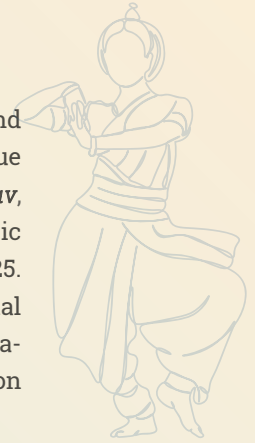
*B.Tech, 6th Semester
Dept. of Computer Science & Engineering*



Tanushree Received **Plaque of Honor**



Ms. Tanushree Majumdar, BBA 2nd semester student, received the Plaque of Honor at the *16th Cuttack Mahotsav*, an international dance and music festival held from January 3 to 6, 2025. The event was organized by Utkal Yuva Sanskrutik Sangh in collaboration with the District Administration of Cuttack and AAA Shimla.



Civil Engineering Students Secured Paid Internships at **ELEATION**

Civil Engineering Students Secured Paid Internships at ELEATION Three students from the Civil Engineering Department - Ms. Rihal Agrawal, Ms. Jyoti Jangde, and Ms. Nousin Khatun - secured long-term internships worth ₹30,000 at ELEATION.



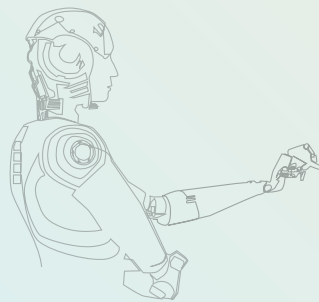
Rihal Agrawal



Jyoti Jangde



Nousin Khatun



ML/AI Internship at **Hikegai India**



Vanmayie Singh

Ms. Vanmayie Singh, an 8th semester Computer Science & Engineering student, was selected as a paid ML/AI Intern at Hikegai India Pvt. Ltd.

Shruti won the **Science Exhibition Award**

Ms. Shruti Kumari, a final-year BSc (H) Biotechnology student secured third place at the State-level *Yuva Mahotsav Science Exhibition* held during January 12-14, 2025.



United for a Greener Tomorrow

The HR Department, OPJU organized a plantation drive on 1st January 2025, uniting faculty, staff, and students to promote sustainability. The event conspicuous the New Year with a collective commitment to environmental conservation.





Tricolour Triumph: 76th Republic Day Celebration at OPJU

OPJU commemorated India's 76th Republic Day with traditional festivities and patriotic fervour. The celebration brought together the campus community in a display of national pride and unity.



STTP on Real-Time Control of Power Electronics



The Department of Electrical Engineering conducted an STTP on **Real-Time Control of Power Electronics Using Microcontrollers** from January 6-10, 2025. The program saw participation from over 60 attendees.

Workshop on Data Analytics with Microsoft Azure



The Department of Computer Science & Engineering organized a 5-day workshop on **Data Analytics with Microsoft Azure Cloud**, in collaboration with Intel FICE from January 20-24, 2025. Workshop was organized for 3rd year and 4th year students of the Computer Science and Engineering Branch. This workshop provides valuable insights and practical use of data analytics in the Azure Cloud environment.

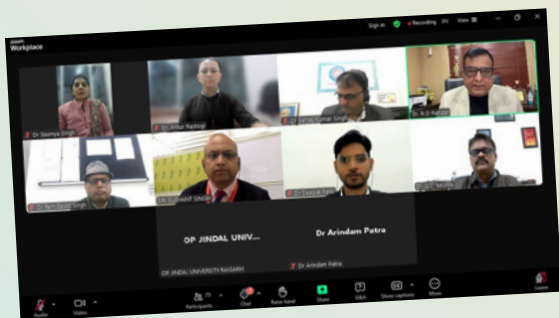
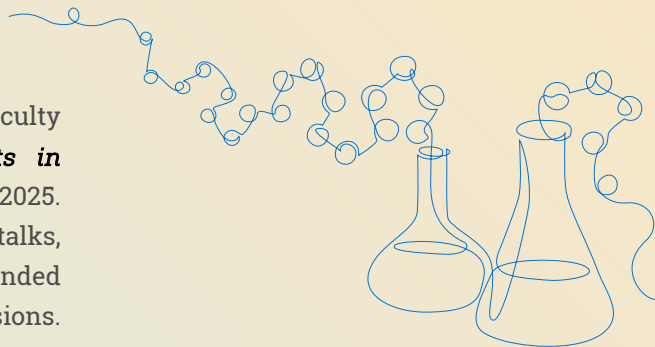
Hands-on Training on Bioinstrumentation



The School of Science, in collaboration with the Microbiologist Society of India, organized a two-day hands-on training and workshop on **Bioinstrumentation** from January 21-22, 2025. Forty UG and PG students from colleges in Korba, Bilaspur, Raigarh, and Gharghoda participated.

Innovations in Materials: A Week of Scientific Excellence

The School of Science organized a one-week Faculty Development Programme on **Recent Advancements in Materials and Applications** from January 13-17, 2025. Fifteen distinguished speakers delivered insightful talks, and over 120 participants from various institutions attended the sessions.



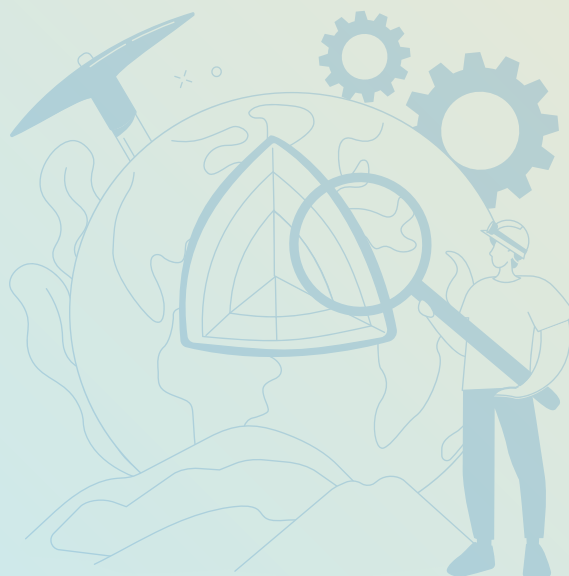
Revolutionizing Manufacturing: Global Faculty Engagement

The Department of Mechanical Engineering organized a five-day online Faculty Development Program on **Advanced and Sustainable Manufacturing Technology** from January 6-10, 2025. The event had 210 participants, including international attendees, and featured twelve eminent speakers from NITs, IITs, central universities, and industries.



Bridging Academia & Industry in Materials Processing

The Department of Metallurgical Engineering conducted a five-day Faculty Development Program on **Advances in Materials Processing Technology** from January 20-24, 2025. Distinguished speakers from academic institutions, and industries organizations shared their expertise during the program.



OPJU Hosted **Principals' Meet 2025**

OP Jindal University in collaboration with the District Education Office, Raigarh, successfully hosted its first Principals' Meet 2025 on January 11, 2025 at the OPJU Campus, focused on *The Role of Visionary Leadership for Viksit Bharat 2047* and witnessed enthusiastic participation from over 200 school principals, heads, and educational officers across Raigarh district. The workshop aimed to promote innovation and effective leadership within the education sector, contributing to enhanced quality at both state and national levels.



Felicitation Ceremony of **OPJU BUDDING STAR 2.0**

The Career Development Center organized a felicitation ceremony for the 2025 graduating batch, honouring 50 UG and PG students recently placed in companies like Jindal Power Ltd., Uno Minda Group, Arya Group, Steel Infra Solutions, Quest Global, Firstsource Solutions, and EasemyTrip.



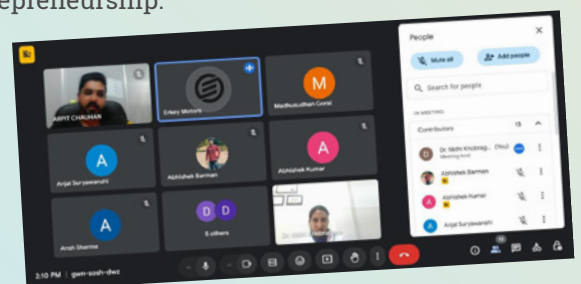
Aptitude & Reasoning Training for Final-Year Students

The CDC in collaboration with Stalwarts Career Institute, Indore, conducted a two-week external training program on *Aptitude and Reasoning* for final-year students of the School of Management and School of Science. The program was inaugurated on January 23, 2025, and aimed to enhance students' logical reasoning, problem solving skills, and mathematical aptitude for campus recruitment and competitive exams.



Insightful Session on **Intellectual Property Rights**

The OPJU Innovation Center and Research and Development Cell organized an online session on *Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs*. **Mr. Arpit Chauhan**, Founder & CEO of ERKEY Motors, led the session, sharing valuable insights on the role of intellectual property in fostering innovation and entrepreneurship.



Training Session at JPL Tamnar

Faculty Members of OPJU conducted corporate training in the month of January at JPL Tamnar -



Dr. Jay Prakash Rath

School of Management

Leadership and Team Building



Dr. Arindam Patra

School of Science

Communication and Presentation Skills



Dr. Shesadev Nayak

School of Management

Creativity and Innovation

Managing self and effectiveness through Emotional Intelligence

Understanding Financial Statements, Problem Solving and Decision Making, Creativity Innovation



Corporate Training for Jindal Botswana Interns

The three-day online corporate training on *Campus to Corporate* for Jindal Botswana intern trainees was successfully conducted from January 24-27, 2025. The sessions were delivered by **Mr. Soumitra Tiwari, Dr. Sanjay Singh, and Dr. Himanshu Vaishnaw**.



Mr. Soumitra Tiwari

Career Development Centre



Dr. Sanjay Singh

School of Science



Dr. Himanshu Vaishnaw

School of Management

Industrial Training Program at SSD



Dr. Vatsala Chaturvedi

Dept. of Metallurgical Engineering





Dr. Mithilesh Kumar Sahu

Department of Mechanical Engineering, School of Engineering

Heat Propagation Phenomenon of Compressed Natural Gas /Air Premixed Laminar Flame Impinging on a Flat Surface

Published in : Case Studies in Thermal Engineering 64 (2024) 105571

[Know More](#)



Dr. Arti Vaish

Department of Computer Science & Engineering, School of Engineering

A Finite Element Technique for Approximately Solving for the Electromagnetic Field Within a Cavity Resonator

Quantum Field Current Modelling in a Semiconductor

Published in : springer conference proceedings



Dr. Vatsala Chaturvedi

Dr. Trinath Talapaneni

Dr. Deepak Patel

Mr. Adesh bhaskar pawar

Department of Metallurgical Engineering, School of Engineering

Evaluating the Mechanical Properties of Silico-Manganese Slag-Blended Silica Sand Molds for Foundry Applications

Published in : IIM transactions, a SCIE indexed Journal

[Know More](#)



Book Chapters Published

Dr. Amit Jain

Dr. Rakesh Nayak

Dr. Umashankar Ghugar

Department of Computer Science & Engineering, School of Engineering

Chapter 8: Soft Computing and System Engineering for Smart Manufacturing

in the Book: Soft Computing in Smart Manufacturing and Materials

Published in : ELSEVIER (Scopus Index)

Research Papers Published



Dr. Arti Vaish

Mr. Jitendra Gardia

Department of Computer Science & Engineering, School of Engineering

Enhanced Anomaly Detection in IoT Sensor Data Using Machine Learning: A Comparative Analysis of Efficiency

Real-Time Applications' and 'Cost-Effective IoT-Based Health Monitoring System for Versatile Applications

Published in : Springer (Scopus Indexed) International Conference on Flexible Electronics for Electric Vehicles (FlexEV-2024)



Dr. Umashankar Ghugar

Dr. Rakesh Nayak

Department of Computer Science & Engineering, School of Engineering

Predictive Analysis in Patient Care

Published in : John Wiley and Sons

[Know More](#)



Dr. Ashish K. Sharma

Department of Electrical Engineering, School of Engineering

Patent Published

Smart Air Purifier
Design No. 409404-001

PLACEMENTS



Jaswinder Kaur
MBA



Siddhi Patel
BBA



Himanshi Sharma
B. Sc. (H)



Rajnandini Dixit
B. Com.



Satyendra Vishwakarma
B. Sc. (H)



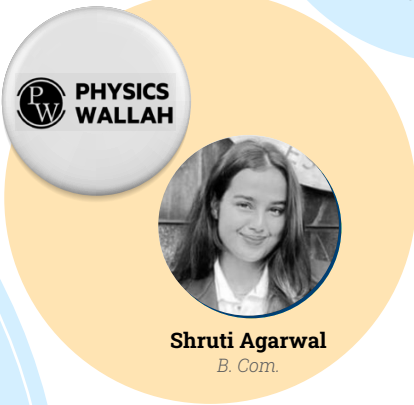
Prachi Singh
B. Sc. (H)



Barkha Singh
B. Sc. (H)



Riyansha Choudhary
MBA



Shruti Agarwal
B. Com.



Abhishek Sharma
B. Tech- Mechanical



Sonu Kumar
B. Tech- Electrical



Kalyan Raman
B. Tech- Mechanical



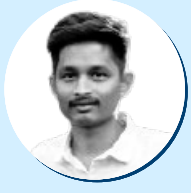
Aniket Kumar
B. Tech- Electrical



Harimadav Roy
B. Tech- Electrical



Amitabh Dubey
B. Tech- Mechanical



Bhushan Likhitkar
B. Tech Metallurgy 2024

Campus Drives Conducted



Completed Ph.D.



Dr. Pushpanjali Shadangi

Department of Electrical Engineering, School of Engineering

**Resilient DSTATCOM Control
for Power Quality Improvement**



Dr. Ajay Pandey

Department of Electrical Engineering, School of Engineering

**Advanced Fault Detection and Protection
Strategies for UPFC Compensated
Power Networks**



Prof. Nandalal Acharjee

*Department of Metallurgical Engineering
School of Engineering*

Best Oral Presentation

**Waste Raigarh Open Cast Plastic Clay: A Technical
Assessment for Ceramic-Artistry and Pigmentation**

under the theme: Advanced Characterization of Materials

*at 6th International Conference on
Processing and Characterization of Materials
organized by
Department of Metallurgical and
Materials Engineering, NIT Rourkela*

AICTE Training and Learning

(ATAL) Academy Faculty Development Program

Faculty Members from the Department of Mechanical Engineering,
School of Engineering participated in and completed the AICTE
Training and Learning (ATAL) Academy Faculty Development Program



**Dr. Mukesh S Desai
Dr. L. R. Bhandarkar**

**Customized Product Manufacturing
on Advanced CNC Machines**

*Organized by
Central Institute of Petrochemicals Engineering
& Technology (CIPET) Korba*



Dr. Saroj Kumar

Importance of Artificial Intelligence in Robotics

*organized by
Indian Institute of Information Technology
Design and Manufacturing, Kurnool*



Delivered the Session



Dr. Mahesh Bhiwapurkar

**Hydraulic/Pneumatic Controls for
Customization in CNC Operations**

*Organized by
Central Institute of Petrochemicals Engineering
& Technology (CIPET) Korba*

Participated in the hands on practices



Dr. Pushpanjali Shadangi

Prof. Rakesh Patidar

Department of Electrical Engineering, School of Engineering

One Week Faculty Development Program

Hands-on Practices on Cutting-Edge Technologies of Power Electronics

One Week Faculty Development Program

organized by

Department of Electrical Engineering,

Shri Govindram Seksaria Institute of Technology and Science, Indore(M. P.)

&

Department of Electrical Engineering,

O. P. Jindal University, Raigarh(C. G.)



Dr. Shesadev Nayak, Director of CDC, was invited as a speaker for the 246th episode of Blub World Web Talks on January 6, 2024

Workshop



Mr. Jitendra Kumar Gardia

*Department of Computer Science & Engineering,
School of Engineering*

AI for Students: Build Your Own Generative AI Model

*Mr. Abhinav Devaguptapu
AI Expert*



Dr. Amit Jain

*Department of Computer Science & Engineering,
School of Engineering*

Selected as

Editorial Manager

for the Online Submission and Peer Review Tracking System for the SCIE indexed "Imaging Science Journal".

Extended OPJU Family with New Members



Dr. R. Muthukumaran

*Vice Dean
School of Management*



Dr. Nithya Muthukumaran

*Vice Dean
Department of Civil Engineering*



Mr. Punit Moris Ekka

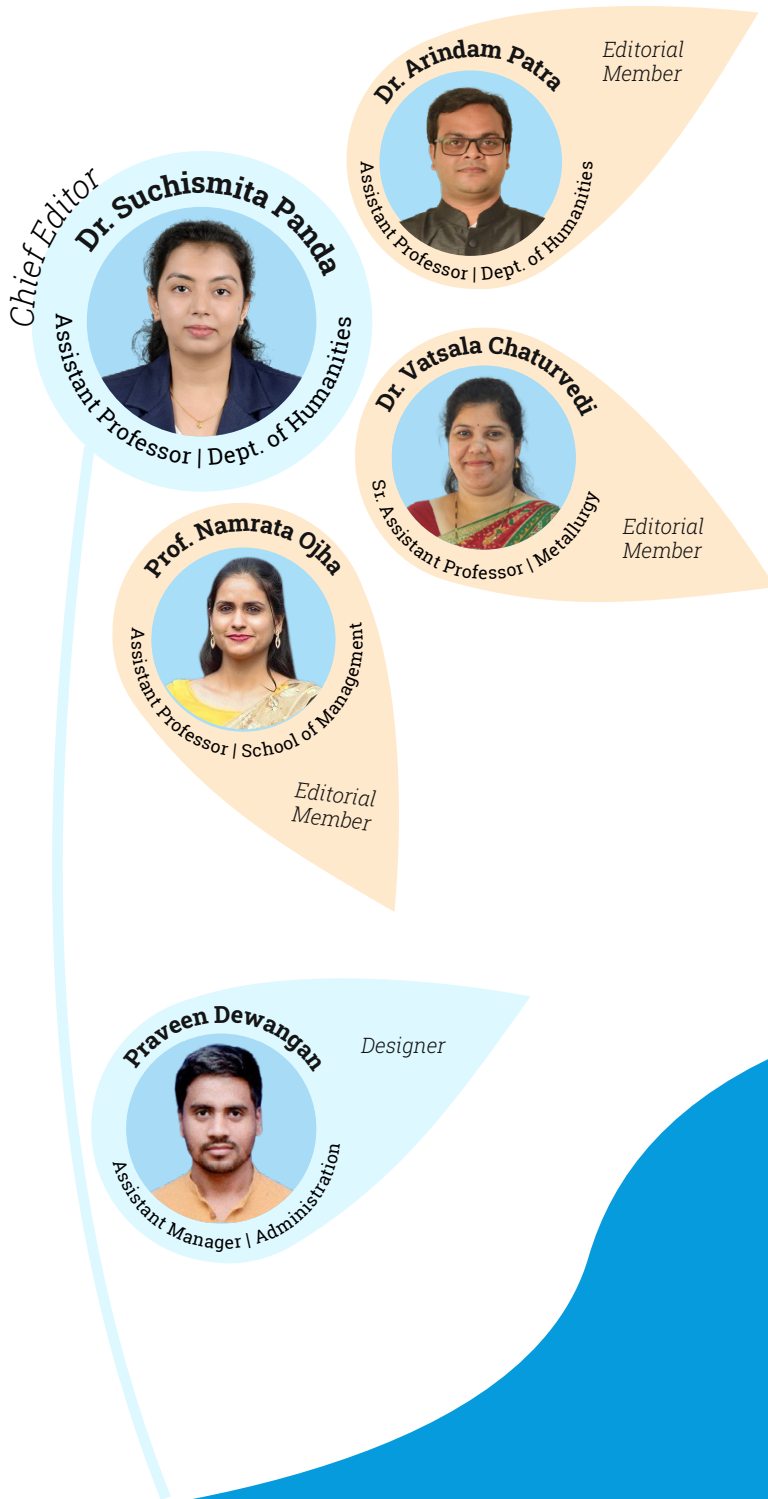
*Assistant Professor (Sr. Grade),
School of Management*



Mr. Dukhishyama Muduli

*Training Executive
OPJU Innovation Center*

Editorial Team



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