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Dr. Vishwanath Karad  
**MIT WORLD PEACE UNIVERSITY** | PUNE  
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS



Hands-On Workshop on

# Nanotechnology and Energy Chemistry: From Nanoparticle Synthesis to Battery Prototyping

• Explore • Experiment • Energize Chemistry

Organized by

**Department of Chemistry**

(School of Science and Environmental Studies)

## Key Modules

- Nano-Rainbow Alchemy: Turning Solutions into Colorful Metals
- Dancing with Magnets: Nano Ferrofluid
- Electron Flow Adventure: Galvanic Cell
- Building Aluminium-air battery prototype

## Event Highlights

- Perform chemistry experiments
- Synthesize rainbow colored nanoparticles and nano-ferro fluid
- Build your own battery
- Discover careers in chemical industries

## Additional Benefits

- Certificate to all participants
- Interaction with faculty members
- **No Registration Fee**

## Who should attend?

School Students (Classes 10–12)



## Organizing Committee

- **Dr. Meghana Gote**  
Program Director, Department of Chemistry
- **Dr. Soumava Biswas**  
Assistant Professor, Department of Chemistry
- **Dr. Parineeta Das**  
Assistant Professor, Department of Chemistry
- **Mr. Sanjay Bhagwat**  
Assistant Professor, Department of Chemistry
- **Dr. Vandana Mooss**  
Assistant Professor, Department of Chemistry
- **Dr. Dev Kumar Thapa**  
Assistant Professor, Department of Chemistry

For registration, fill the google form

<https://forms.gle/HC1C8E8u34Wm9FFU6>



 **25<sup>th</sup> March 2026**  **10:30 AM – 4:00 PM**

Venue: Department of Chemistry, 2nd Floor, Maitri Building, MIT-WPU, Pune

Contact: **Dr. Dev Kumar Thapa 83101 06440** | **Dr. Soumava Biswas: 9755646779**  
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