

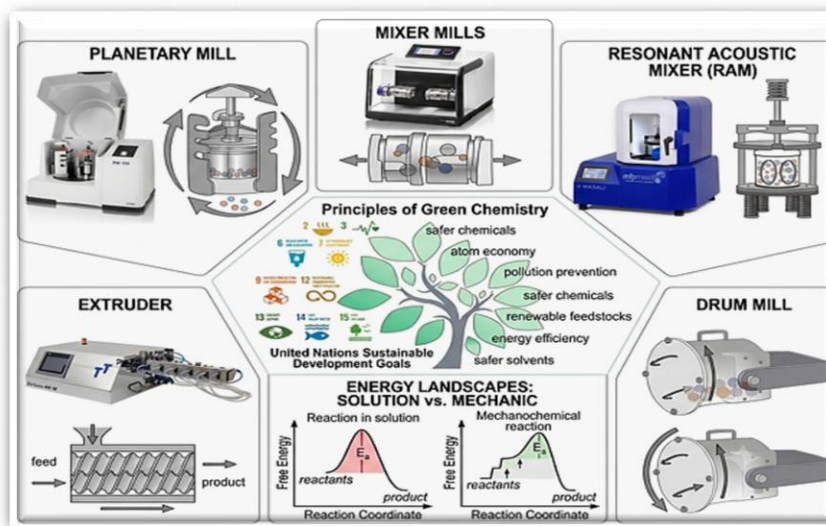


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National Academia-Industry Workshop on Mechanochemistry for Sustainable Synthesis (NWMSS-2026)

3rd November 2026



Organized by: Department of Chemistry, BITS Pilani K K Birla Goa Campus

REGISTRATION

- **No registration fee** is required for participation in the workshop.
- Limited seats are available.

Participants are requested to scan the QR code for the Registration & Abstract Submission:

Registration Link: <https://forms.gle/tQJEY1k3jSQs8nS7A>

Website: <https://www.bits-pilani.ac.in/goa/seminarsworkshops/>

Email: nwmss741@gmail.com

Important Dates:

- Last Date of Registration and abstract submission: 28th October 2026
- Poster Acceptance Notification: 31st October 2026

Coordinators: Prof. Mainak Banerjee (mainak@goa.bits-pilani.ac.in)
Prof. Amrita Chatterjee (amrita@goa.bits-pilani.ac.in)

Contact Details: nwmss741@gmail.com, 0832-2580172





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(NWMSS – 2026)

About the University

The Birla Institute of Technology & Science (BITS Pilani), Pilani, a *Deemed to be University* and an Institution of Eminence recognized by the Ministry of Education, Government of India, is one of India's premier institutions for higher education and research. With over 20,000+ students and 1000+ faculty across its campuses in Pilani, Goa, Hyderabad, Mumbai, and Dubai, BITS Pilani has established a strong reputation for academic excellence, innovation, and entrepreneurship. BITS Pilani is consistently ranked among India's leading universities, securing 7th place in the NIRF 2025 University Rankings and 16th place in the overall rankings. In the QS World University Rankings 2026, the Institute made a significant leap, reaching 575th place globally. The Institute is recognized for its vibrant research ecosystem, supported by state-of-the-art facilities and over 1,000 faculty members engaged in cutting-edge interdisciplinary research. BITS Pilani currently hosts over 600 externally funded research projects, with a cumulative sanctioned value of approximately ₹450 crore. Its research output is reflected in a Scopus h-index of 156, underscoring its sustained commitment to scientific innovation and technological advancement.



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Campus



K. K. Birla Goa
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About Department of Chemistry

The Department of Chemistry, BITS Pilani, K K Birla Goa Campus, is a vibrant department for high-quality teaching and interdisciplinary research. The department offers a four-year Integrated M.Sc. Chemistry programme and a Ph.D. programme, while also providing core chemistry courses to undergraduate engineering students. Its cutting-edge research spans contemporary areas like organic and inorganic synthesis, materials chemistry, medicinal chemistry, physical chemistry, computational chemistry, chemical biology, catalysis, energy materials, sensors and diagnostics, spectroscopy, and sustainable technologies. Equipped with modern research laboratories and advanced instrumentation, the department fosters innovation through collaborations with leading academic institutions in India and abroad, and industries, providing an excellent environment for undergraduate, postgraduate, and doctoral studies and research.

Venue: DLT-9,
BITS Pilani, K K Birla Goa Campus

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About NWMSS - 2026

The National Academia–Industry Workshop on Mechanochemistry for Sustainable Synthesis (NWMSS 2026), organized by the Department of Chemistry, BITS Pilani, KK Birla Goa Campus, will be held on 03 November 2026 at Goa, India. The workshop will bring together researchers, academicians, industry experts, and students to explore advances in mechanochemistry, green chemistry, and sustainable synthesis.

Featuring keynote lectures, invited talks, poster presentations, and hands-on demonstrations, the workshop will highlight modern mechanochemical technologies, including solvent-free synthesis, ball milling, and scalable sustainable processes, fostering scientific exchange and academia–industry collaboration toward greener chemical innovations.

Workshop Themes

- Green Chemistry
- Sustainable synthesis of Pharmaceuticals and agrochemicals
- Mechanochemical organic synthesis
- Mechanochemical synthesis of advanced functional materials
- Biomass valorization
- New milling technologies
- Hands-on exposure to milling tools such as Mixture-Mill, Ball-Mill, Sieve Shaker.



Who can participate?

- Faculty of chemistry, medicinal chemistry, chemical engineering, and allied fields
- Scientists working in green chemistry and sustainable synthesis
- Postdoctoral fellows and graduate students
- Industry R&D professionals
- Entrepreneurs and technology innovators
- Master Students

Reasons to Participate

- International Speakers
- Workshop by Industry experts
- Meet experts and gain knowledge
- Present your work and ideas



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CHIEF PATRON

Prof. Suman Kundu, Director, BITS Pilani K K Birla Goa Campus

ORGANIZING COMMITTEE

Prof. P. Bhavana, HoD, Department of Chemistry
Prof. Mainak Banerjee, Department of Chemistry (coordinator)
Prof. Amrita Chatterjee, Department of Chemistry (coordinator)
Prof. S. D. Manjare, HoD, Department of Chemical Engineering
Prof. N. N. Ghosh, Department of Chemistry
Prof. Sanjay Kumar, Department of Chemistry
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Prof. Sudipta Chatterjee, Department of Chemistry

SPEAKERS



Prof. Andrea Porcheddu
Università degli
Studi di Cagliari, Italy



Prof. Vidya Desai
Dnyanprassarak
Mandal's College,
Goa



Prof. Mainak Banerjee
BITS Pilani, K K Birla
Goa Campus



Dr. Ashim Nandi
IIT Goa



Dr. Hari Kadam
Goa University



Dr. Prashanth Kamath
Sygenta Biosciences
Pvt. Ltd.

HOW TO REACH

There are direct flights from/to all metro cities like Mumbai, New Delhi, Bangalore, Chennai, Kolkata, Hyderabad with connectivity to all major cities in the country. For international travelers, there is a direct flight from/to Doha operated by Qatar Airways which connects every major cities in the World. Getting to BITS Pilani, K.K. Birla Goa Campus from the airport takes only 5 minutes in a taxi, which is easily available at the airport. For those commuting from the nearby railway stations, Madgaon or Vasco-da-Gama, to the venue, rented cars or buses are available.



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