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Important Dates

Call for papers starts	01 st January 2026
Paper acceptance Starts	01 st February 2026
Registration opens	15 th February 2026
Final paper submission	15 th May 2026
Early bird registration ends	31 st May 2026
Late registration ends	30 th July 2026
Conference days	06 th - 08 th August 2026

Registration

At least one author of an accepted paper must register for participation / presentation during the conference. For details of registration process and registration fees, please visit: <https://www.icmpc.com/registration.php>

Exhibition cum sponsorship

An exhibition will be organised concurrently with the conference. Organisations / Industries / Companies interested for showcasing their service / products / equipment may contact the conference chairs. Two delegates from each sponsoring company will be welcomed to participate in the conference without any additional fees.

External Relations and Sponsorship

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Conference Website: www.icmpc.com

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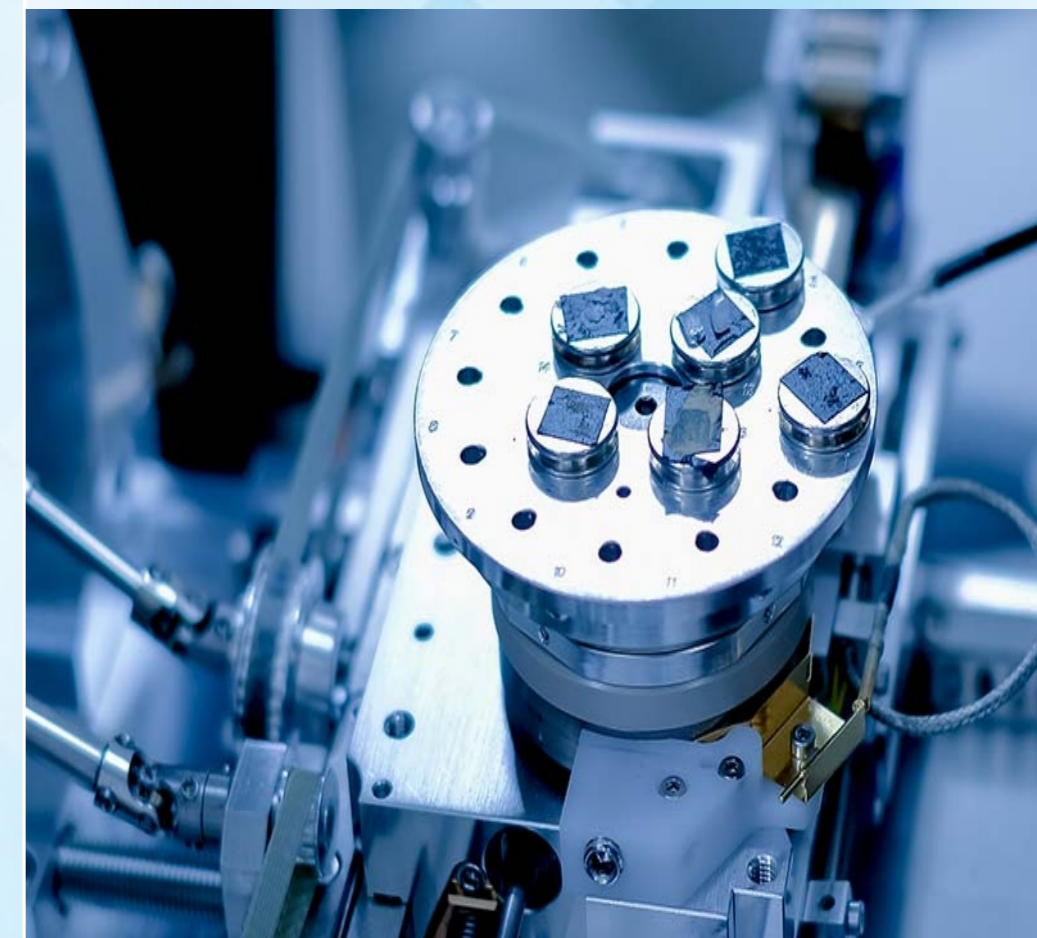
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18th International Conference on Material Processing and Characterization (ICMPC 2026)

6th - 8th August, 2026



Conveners

Dr. Diptikanta Das, KIIT Deemed to be University, Bhubaneswar

Dr. Swadesh Kumar Singh, GRIET, Hyderabad

Co-Conveners

Dr. Bijaya Bijeta Nayak, KIIT DU, Bhubaneswar

Dr. B Tanya, GRIET, Hyderabad.

Dr. Nitin Ramesh Rao Kotkunde, BITS Hyderabad, India.

Dr. Gyanesh Tripathi, General Manager, CRIS, Indian Railway GOI New Delhi

About KIIT

Kalinga Institute of Industrial Technology (KIIT), a household name in the education sector, has become a sought-after destination in India for professional studies. It is admired all over for the quality of its academic courses, its community outreach work and as a university of compassion and humanitarianism. Its incredible transformation is truly a journey from Soil to Silver in a short span of 25 years. KIIT started in 1992-93 as an Industrial Training Institution. However, 1997 is considered the base year for the University as undergraduate and postgraduate courses in Engineering, Management and Computer Applications were added. In 2007, many new schools were added to its umbrella – School of Law, Biotechnology, Medical Sciences, Dental Sciences, Nursing, Mass Communication, Film and Media, Fashion and KIIT International School. Since then, there has been no looking back! Today, KIIT offers professional education to students from across India and more than 70 countries, with over 30,000 students pursuing undergraduate, postgraduate, and PhD courses. This includes 2000 international students from 65 countries. The alumni of KIIT, over a lakh of them, have made their mark in their respective careers in academics, corporate organizations, civil services and enterprises.



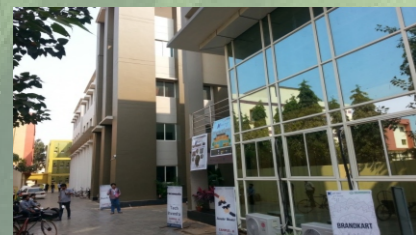
About KISS

The Kalinga Institute of Social Sciences (KISS) comprises KISS Foundation, KISS School & College and KISS Deemed to be University. KISS Foundation is an NGO in India headquartered in Bhubaneswar, Odisha. School, College and University are the educational wings of this initiative located at the intersection of food, education and empowerment. It has achieved the Special Consultative Status with the United Nations Economic and Social Council (ECOSOC) since the year 2015. Its higher education unit, KISS Deemed to be University has been declared Deemed to be University under Section 3 of UGC Act, 1956 by the Ministry of Human resource development, Government of India, New Delhi since 2017. KISS has been conferred UNESCO King Sejong Literacy Prize 2022 for its contribution to preservation of indigenous languages. KISS provides free education, accommodation, food and healthcare to over 30,000 indigenous students currently studying at its main campus in Bhubaneswar, along with 10,000 students across different satellite centers, also strengthened with 40,000 proud alumni.



About School of Mechanical Engineering

The School of Mechanical Engineering (SME) at KIIT is among the top rated schools of the University, renowned for its top placements, research projects, and technology incubation. Its undergraduate programs are tailored to industry needs, with opportunities for global exposure through exchange programs and internships. SME offers open electives, honors, and interdisciplinary minors, supported by advanced labs for hands-on experience. The faculty, from prestigious institutions like IISC, IITs, NITs, foreign universities and other reputed institutes, are engaged in cutting-edge research, with numerous publications, patents, and funded projects. SME aims to produce high-quality graduates through world-class education and research in Mechanical Engineering.



About Bhubaneswar

Bhubaneswar, the capital city of Odisha, is a vibrant metropolis renowned for its rich cultural heritage, architectural marvels, and spiritual significance. Nestled amidst lush greenery and historical landmarks, Bhubaneswar captivates visitors with its ancient temples, bustling markets, and serene surroundings.



About Conference

The 18th International Conference on Material Processing and Advanced Computing for Sustainable Applications (ICMPC 2026) is focused on research and emphasizes the latest Advanced Computing and Sustainability; it is a new theme of ICMPC Series. The conference aims to provide outstanding opportunities for both academic and industrial communities to address new trends and challenges and emerging technologies on topics relevant to today's fast-moving areas in the fields of Computational Methods in Green Software Engineering, Sustainability Manufacturing, E-Mobility and Renewable Energy's, Green Networking and Organic Electronics. The main aim of this conference is to bring researchers from all the esteemed institutes of the World. Along with researchers the professionals and executives from energy sector, manufacturing industries, electrical power and Communications companies are invited to share ideas and information pertaining to innovations focuses on techniques handling today's challenges.

Scope of the Conference

The role of Sustainable Technology is very valuable in the Field of Industrial development and engineering, has long been established through their wealth creation activities. To deepen and broaden our knowledge of Sustainability and to increase innovation and responsiveness to ever-increasing international needs, more in-depth studies of functionally E-Mobility, Computational Methods and Green Manufacturing are needed at present. The objective of this conference is to bring together experts from academic institutions, industries and research organizations and professional engineers for sharing of knowledge, expertise and experience in the emerging trends related to advanced materials processing, and characterization.

The conference is structured as follows: plenary lectures followed by parallel sessions. The plenary lectures will be delivered by eminent personalities of international repute to introduce the theme of the conference. Each parallel session starts with an invited talk on specific topic followed by contributed papers. Papers are invited from the prospective authors from industries, academic institutions and R&D organizations and from professional engineers.

Conference Topics

- Material Characterization (Room and at Elevated Temperatures)
- Sustainable materials
- Green Manufacturing
- Shape memory alloys
- Environmental aspects of traditional materials
- High strain rate deformation of Materials
- Bio-materials
- Advanced machining processes
- Advanced metal forming, bending, welding & casting techniques
- Alternate materials /material substitution
- Applications FEA
- Composite and Polymer Manufacturing
- Composites, Intermetallics
- Fabrication Process of Nano materials and Nano devices
- Functionally Graded Materials
- Future generation materials
- Heat Treatment
- High-Energy Beam Processing
- High-speed and Hybrid Machining
- Laser Based Manufacturing
- Material Testing
- MEMS Integration
- Meta materials
- Metallography
- Multi-Physics Coupling Simulation and Optimization
- Nano materials
- Non-destructive Examination
- Numerical Modelling and Simulation
- Optimization Techniques
- Powder Metallurgy and Ceramic Forming
- Recycling and re-manufacturing of Materials and Components
- SMART materials
- Super Alloys
- Thermally-Enhanced Processes and Materials

Call for Papers

Original research papers are invited from faculties, students, research scholars and scientists from R & D organizations on the above-mentioned themes and related topics. Last date for paper submission is 15th May 2026. Papers will be selected for presentation after rigorous reviews.

Paper Submission Link:

<https://www.morressier.com/call-for-papers/694423ad1567acf67f0e3733>

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