



18TH INTERNATIONAL CONFERENCE ON

Material Processing and Characterization

Conference Date

6-8th August 2026



**KALINGA INSTITUTE
OF INDUSTRIAL TECHNOLOGY**
Deemed to be University U/S 3 of the UGC Act, 1956
BHUBANESWAR

...Towards Sustainability in Material Characterization

Program Schedule

Date: 06th - August 2026, Thursday (Day 1)

Time	Activity
8:00 - 9:30	(Registration) <i>In front of Campus 17 Auditorium</i>
9:30 - 10:30	Inauguration <i>(Campus 17 Auditorium)</i>
10:30 - 10:45	High Tea <i>(Kunjaban, Campus 17)</i>
10:45 - 11:30	Keynote Address-1: Speaker: Dr. Kuan-Wei Lee Topic: Advanced Semiconductor Manufacturing and Global Supply Chain <i>(Venue: Campus 17 Auditorium)</i>
11:30 - 12:15	Keynote Address-2: Speaker: Dr. Ajai Sahani Topic: Electro-optical Systems for Modern Defence Application <i>(Venue: Campus 17 Auditorium)</i>
12:15 - 1:00	Keynote Address-3: Speaker: Prof. (Dr.) Saranjit Singh Topic: <i>(Venue: Campus 17 Auditorium)</i>
1:00 - 2:00	Lunch <i>(Venue: Lobby area of Campus 17)</i>
2:00 - 2:30	Keynote Address-4: Speaker: Dr.-Ing. Prashanth Konda Gokuldoss. Topic: Additive manufacturing of materials: Mechanical perspective <i>(Venue: Seminar Hall, School of Mechanical Engineering, Campus 8)</i>
2:30 - 3:00	Keynote Address-5: Speaker: Dr. Prudvi Reddy Topic: Manufacturing Advanced Materials : Challenges, Sustainability and Future Directions <i>(Venue: Seminar Hall, School of Mechanical Engineering, Campus 8)</i>
3:00 - 3:30	Keynote Address-6: Speaker: Dr. A.K. Chaubey Topic: Functionally Graded Materials: Design, Processing and Applications <i>(Venue: Seminar Hall, School of Mechanical Engineering, Campus 8)</i>
3:30 - 5:30	Parallel Session



18TH INTERNATIONAL CONFERENCE ON

Material Processing and Characterization

Conference Date

6-8th August 2026

...Towards Sustainability in Material Characterization



Date: 07th - August 2026, Friday

(Day 2)

Time	Activity
8:30 - 10:00	Parallel Session
10:00 - 10:15	High Tea
10:15 - 10:45	Keynote Address-7: Speaker: Prof. Akhilendra Topic: Advances in Adhesively Bonded Structures Technology: Fatigue, Fracture and Repair (Venue: Seminar Hall, School of Mechanical Engineering, Campus 8)
10:45 - 11:15	Keynote Address-8: Speaker: Prof. Nitin Muttli Topic: Engineering for Net Zero: Integrating AI, Bio-Based Materials and Climate Innovation for a Sustainable Future (Venue: Seminar Hall, School of Mechanical Engineering Campus 8)
11:15-11:30	Keynote Address-9: Speaker: Prof. Anand Pare Topic: Fault Diagnosis of Polymer Gears Using Vibration Monitoring (Venue: Seminar Hall, School of Mechanical Engineering, Campus 8)
11:30 - 12:00	Keynote Address-10: Speaker: Prof. Susanta Panda Topic: Formability characterizations of tailor welded blanks (Venue: Seminar Hall, School of Mechanical Engineering, Campus 8)
12.30-2.00	Lunch
2.00-2.30	Keynote Address-11: Speaker: Dr. Gyanesh Tripathi Topic: Engineering Sustainable Railways: Journey of Bio-Toilet Innovation, problem of corrosion of material and Artificial Intelligence for Intelligent Asset Management. (Venue: Seminar Hall, School of Mechanical Engineering, Campus 8)
3.00-4.00	Valedictory Session (Seminar Hall, SME, Campus 8)
4:00 - 5:30	KIIT & KISS Visit
7:00 - 9:30	Founder's Dinner (Banquet Hall, Campus 6)



18TH INTERNATIONAL CONFERENCE ON

Material Processing and Characterization

Conference Date

6-8th August 2026



**KALINGA INSTITUTE
OF INDUSTRIAL TECHNOLOGY**
Deemed to be University U/S 3 of the UGC Act, 1956
BHUBANESWAR

...Towards Sustainability in Material Characterization

Parallel Session

Date: 06th – August 2026, (Day 1)

Session Time 3:30 - 5:30

Session No.	Room No.	Session Chair	Topic	Paper Ids.
Parallel Session 1	Conference Hall, Campus 8	Dr. Purna C. Mishra, KIIT Dr. B. Tanya , GRIET	Material Characterization	104, 112, 115, 117, 121, 133, 139, 147, 185
Parallel Session 2	Seminar Hall, Campus 8	Dr. Alok Ranjan Biswal, DRIEMS University Dr. Sambit Ku. Mohapatra, KIIT	Composite Martials	1306, 1329, 1335, 1339, 1355, 1365, 1369, 165,
Parallel Session 3	301	Dr. S.S Das, CUTM Dr. Shanta Chakrabarty, KIIT	Material Characterization	197, 236, 241, 246, 249, 253, 265, 319, 806
Parallel Session 4	302	Dr. Arun Kumar Parida, GITAM, BBSR Dr. Nilotpala Bej, KIIT	Advanced Material Processing	1526, 1545, 1552, 1557, 1572, 1582, 1587, 1592

Date: 07th - August 2026, (Day 2)

Session Time 8:30 - 10:00

Session No.	Room No.	Session Chair	Topic	Paper Ids.
Parallel Session 1	Conference Hall SME, Campus 8	Dr. Saurav Dutta, NIT Rourkela Dr. B.C Routara, KIIT	Material Characterization	155, 157, 162, 179, 181, 269, 827
Parallel Session 2	Seminar Hall, SME, Campus 8	Dr. Ramanuj Kumar, KIIT Dr. Arjoo Jamin, GRIET Hyderabad	Manufacturing Process	189, 504, 516, 522, 539, 307
Parallel Session 3	307	Dr. Rajiv Kumar Yadav, Ashoka University, Banaras Dr. Abhilas Swain, KIIT	Process Optimization	930, 935, 939, 957, 961, 966
Parallel Session 4	308	Dr. Hemalata Jena, KIIT Dr. J. Praveen, GRIET	Metal Forming	312, 331, 335, 357, 364, 379, 373
Parallel Session 5	309	Dr. Chandrika Samal, GITA Autonomous College Dr. S. K. Ghadai, KIIT	Finite Element Analysis	1106, 1130, 1139, 1145, 1163, 527



18TH INTERNATIONAL CONFERENCE ON

Material Processing and Characterization

Conference Date

6-8th August 2026

...Towards Sustainability in Material Characterization



Date: 06th – August 2026, (Day 1)

Session Time 2:30 - 4:00

Session No.	Room No.	Session Chair	Google meet link	Paper Ids.
Parallel Session 5	303	Dr. Vishwanath Kumar Panangipalli, Anurag university Dr. Debashree Debadatta Behera, CUTM	https://meet.google.com/njr-aiyb-rhz	239,1133, 204, 811,935, 1139, 948, 366, 213, 1309, 1342, 1539,1545
Parallel Session 6	304	Dr. Nitin Sahai, NEHU, Shillong Dr. Santosh Ku. Nayak, KIIT	https://meet.google.com/qdt-puxk-tvm	129,142, 141, 223, 228, 532, 941, 1399,1362, 1549, 1563, 209
Parallel Session 7	305	Dr. Ram Subbiah	https://meet.google.com/vjh-evtv-sdi	126,152,213, 802, 819, 136, 1359, 159, 369, 1153, 1159,1559