

IEEE EDS Mini-Colloquium and 6th International Conference on Micro/Nanoelectronics Devices, Circuits, and Systems (MNDCS-2026) (Hybrid Mode)

Date: 29-31 Jan 2026

Program Schedule

The time as per IST (Indian Standard Time)

Date/Time	DAY-1 Date: 29 th Jan 2026 (Thursday)
Registration 09:00-09:30 AM	Registration of Participants Venue: Bharat Ratna Dr. Bhupen Hazarika Auditorium Foyer
Date: 29 th Jan 2026 (Thursday) (09:30 AM-10:30 AM) Inauguration	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Moderators: Dr. Dipjyoti Das and Dr. Sucharita Chakraborty (ECE, NIT Silchar) Chief Patron: Prof. Dilip Kumar Baidya (Director, NIT Silchar) Chief Guest: Prof. Angsuman Sarkar (IEEE R-10 SRC Vice-Chair) Guest of Honor: Prof. Sushmee Badhulika (IIT Hyderabad) Guest: Prof. B. K. Roy (Chair, IEEE Silchar Subsection) Guest: Prof. F. A. Talukdar (EDS Branch Counselor & Past Chair, IEEE Silchar Subsection) Patron: Dr. Koushik Guha (HoD-ECE) General Chair: Dr. Jacopo Iannacci (Online) & General Co-Chair: Dr. Trupti R. Lenka (IEEE EDS BoG Member) Organizing Chair: Dr. M. Kavicharan (ECE, NIT Silchar) Vote of Thanks: Dr. Rajesh Saha (ECE, NIT Silchar)
Tea Break	Photo Session followed by High Tea
Date: 29 th Jan 2026 (Thursday) Distinguished Lecture 1 (11:00 AM-11:45 AM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Online) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Mario Lanza Martinez, NUS Singapore Title: Memristive Materials and Devices for post-Moore Electronics Email: mlanza@nus.edu.sg Chair: Dr. T. R. Lenka Email: trlenka@ece.nits.ac.in
Date: 29 th Jan 2026 (Thursday) Keynote Talk 1	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc

(11:45 AM-12:30 PM)	Prof. Sushmee Badhulika, IIT Hyderabad Title: TBA Chair: Dr. Koushik Guha Email: koushik@ece.nits.ac.in	
Lunch Break (1 – 2 PM)	Lunch Break	
Date: 29 th Jan 2026 (Thursday) Invited Talk 1 (2:00-2:30 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Dr. Vinod Belwanshi, Scientist, CSIR–National Metallurgical Laboratory, Jamshedpur, India Email: vinodbelwanshi.nml@csir.res.in Title: Chair: Dr. M. Kavicharan Email: kavicharan@ece.nits.ac.in	
Date: 29 th Jan 2026 (Thursday) Track 1, 2 and 3 (Micro/Nano Devices) (2:30-4:30 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Track 1 (Micro/Nano Devices) Paper Ids: [126, 31, 105, 116, 13, 115, 27] Session Chairs: Prof. Angsuman Sarkar, KGEC, WB Email: angsuman.sarkar@kgec.edu.in Dr. Vinod Belwanshi Email: vinodbelwanshi.nml@csir.res.in Coordinator: Dr. Bijit Choudhuri, ECE, NIT Silchar Email: bijitchoudhuri@ece.nits.ac.in Volunteer: Nitish Kumar, 2nd Yr M.Tech, Chair-EDS SBC Email: nitish_pg_24@ece.nits.ac.in	ECE Dept. Seminar Hall (Hybrid) Google Meet Link: https://meet.google.com/oro-hris-hep Track 2 (Micro/Nano Devices) Paper Ids: [170, 119, 71, 47, 40, 20, 132, 51] Session Chairs: Dr. P. Puspa Devi Email: puspa.devi@ece.nits.ac.in Dr. Tripti Goel, ECE, NIT Silchar Email: triptigoel@ece.nits.ac.in Coordinator: Dr. Rajesh Saha, ECE, NIT Silchar Email: rajesh@ece.nits.ac.in Volunteer: Padmakshya Kar, 2nd Yr M.Tech, Vice-Chair, EDS SBC Email: padmakshya_pg_24@ece.nits.ac.in
Tea Break	Tea Break	
Date: 29 th Jan 2026 (Thursday) Keynote Talk 2 (4:45-5:30 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Online) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Dr.-Ing. Milos Krstic, IHP Microelectronics, Germany Title: Chips for Space – Design and Test Email: Chair: Dr. T. R. Lenka Email: trlenka@ece.nits.ac.in	
Date: 29 th Jan 2026 (Thursday) Invited Talk 2 (5:30 - 6:00 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Online) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Dr. Asisa Kumar Panigrahy, ICFAI Tech, Hyderabad, India Title: Low temperature Cu–Cu bonding technology for future IC Integration Applications	

	Email: asisa@ifheindia.org Chair: Dr. Rajesh Saha Email: rajesh@ece.nits.ac.in	
Date/Time	DAY-2 Date: 30th Jan 2026 (Friday)	
Date: 30 th Jan 2026 (Friday) Keynote Talk 3 (9:00 AM-9:45 AM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Udai P. Singh, KIIT Deemed to be University, Bhubaneswar, India Email: singhup@kiit.ac.in Title: Inorganic Thin Film Photovoltaic: Future Ahead Chair: Dr. T. R. Lenka Email: trlenka@ece.nits.ac.in	
Date: 30 th Jan 2026 (Friday) Keynote Talk 4 (09:45 AM-10:30 AM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Angsuman Sarkar, Kalyani Government Engineering College Title: Email: angsuman.sarkar@kgec.edu.in Chair: Dr. Koushik Guha Email: koushik@ece.nits.ac.in	
Date: 30 th Jan 2026 (Friday) Distinguished Lecture 2 (10:30 AM-11:15 AM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Manoj Saxena, University of Delhi Title: 100 Years of FET: Developments and Innovations Email: msaxena@ddu.du.ac.in Chair: Dr. Kavicharan Email: kavicharan@ece.nits.ac.in	
Tea Break	Tea Break	
Date: 30 th Jan 2026 (Friday) Track 3 & 4 (Micro/Nano Circuits) (11:15-01:15 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Hybrid) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Track 3 (Micro/Nano Devices) Paper Ids: [4, 5, 17, 140, 93, 71, 8, 30] Session Chairs: Prof. U. P. Singh, KIIT University Email: singhup@kiit.ac.in Dr. Arun Kumar Sunaniya, EIE, NIT Silchar Email: arun@ei.nits.ac.in Coordinator: Dr. Arun Kumar, NIT Silchar Email: arunkumar@ece.nits.ac.in	ECE Dept. Seminar Hall (Hybrid) Google Meet Link: https://meet.google.com/oro-hris-hep Track 4 (Micro/Nano Devices) Paper Ids: [23, 128, 90, 60, 128, 81, 83, 80] Session Chairs: Dr. Vinod Belwanshi, CSIR-NML Email: vinodbelwanshi.nml@csir.res.in Dr. Sudarshan Sahoo, EIE, NIT Silchar Email: sudarsan@ei.nits.ac.in Coordinator: Dr. Himanshu Karan, NIT Silchar Email: himanshu@ece.nits.ac.in

	Volunteer: Nitish Kumar, 2nd Yr M.Tech, Chair-EDS SBC Email: nitish_pg_24@ece.nits.ac.in	Volunteer: Padmakshya Kar, 2nd Yr M.Tech, Vice-Chair, EDS SBC Email: padmakshya_pg_24@ece.nits.ac.in
Lunch Break (01:00-02:00 PM)	Lunch Break	
Date: 30th Jan 2026 (Friday) Distinguished Lecture 3 (02:00-02:45 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Online) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Frank Schwier, Privatdozent Emeritus at TU Germany Email: Frank.Schwierz@tu-ilmenau.de Title: 60 Years of Moore's Law - How much longer will it stay alive? Chair: Dr. T. R. Lenka Email: trlenka@ece.nits.ac.in	
Date: 30th Jan 2026 (Friday) Distinguished Lecture 4 (02:45-3:30 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Online) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Lluís F. Marsal, University Rovira i Virgili, Tarragona, Spain Email: lluis.marsal@urv.cat Title: Frontiers in Organic Photovoltaics: Innovative Materials, Enhanced Stability and Optimized Device Performance Chair: Dr. T. R. Lenka Email: trlenka@ece.nits.ac.in	
Tea Break	Tea Break	
Date: 30th Jan 2026 (Friday) Track 5 & 6 (Micro/Nano Circuits) (03:30 PM-05:30 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Hybrid) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Track 5 (Micro/Nano Devices) Paper Ids: [16, 41, 25, 26, 79, 8, 59, 153] Session Chairs: Prof. Manoj Saxena, DU Email: msaxena@ddu.du.ac.in Dr. Shivendra Kumar Pandey, EIE, NIT Silchar Email: skpandey@ei.nits.ac.in Coordinator: Dr. Dipjyoti Das, NIT Silchar Email: dipjyoti@ece.nits.ac.in Volunteer: Nitish Kumar, 2nd Yr M.Tech, Chair-EDS SBC Email: nitish_pg_24@ece.nits.ac.in	ECE Dept. Seminar Hall (Hybrid) Google Meet Link: https://meet.google.com/oro-hris-hep Track 6 (Micro/Nano Devices) Paper Ids: [84, 108, 61, 148, 134, 68, 144, 86] Session Chairs: Prof. Angsuman Sarkar, KGECE, WB Email: angsuman.sarkar@kgece.edu.in Dr. Satish Chandra, ECE, MNNIT Allahabad Email: satishchandra@mnnit.ac.in Coordinator: Dr. Partha Saha, NIT Silchar Email: partha@ece.nits.ac.in Volunteer: Padmakshya Kar, 2nd Yr M.Tech, Vice-Chair, EDS SBC Email: padmakshya_pg_24@ece.nits.ac.in
Date: 30th Jan 2026 (Friday) Keynote Talk 5 (5:30 - 6:00 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Dr. Pratim Sengupta, MD & CEO, Nephro Care India Ltd Email: Title: TBD	

	Chair: Dr. Koushik Guha Email: koushik@ece.nits.ac.in	
Date: 30 th Jan 2026 (Friday) 7 PM - 10 PM	Banquet Dinner Opposite to Officers Club, NIT Silchar	
Date/Time	DAY-3 Date: 31st Jan 2026 (Saturday)	
Date: 31 st Jan 2026 (Saturday) Keynote Talk 6 (9:00 AM-09:45 AM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Online) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Sanghun Jeon, KAIST, South Korea Email: jeonsh@kaist.ac.kr Title: Recent Advances in Ferroelectric Memory Devices for Memory Applications Chair: Dr. Dipjyoti Das, NIT Silchar Email: dipjyoti@ece.nits.ac.in	
Date: 31 st Jan 2026 (Saturday) Invited Talk 3 (09:45 AM-10:30 AM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Dr. Mukesh Kumar Sukla, Director, VLSIPRO Technologies Pvt Ltd Email: mukesh.sukla@vlsiprof.com Title: TBD Chair: Dr. T R Lenka Email: trlenka@ece.nits.ac.in	
Date: 31 st Jan 2026 (Saturday) Invited Talk 4 (10:30 AM-11:00 AM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Dr. Sreya Chattopadhyay, Director, BizInnovision Pvt Ltd Email: sreyaonline@gmail.com Title: TBD Chair: Dr. Koushik Guha Email: koushik@ece.nits.ac.in	
Tea Break	Tea Break	
Date: 31 st Jan 2026 (Saturday) Track 7 & 8 (Micro/Nano Systems) (11:00-1:00 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Hybrid) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Track 7 (Micro/Nano Devices) Paper Ids: [100, 78, 77, 136, 137, 138, 135, 143] Session Chairs: Dr. Ranjay Hazra, EIE, NIT Silchar Email: ranjay@ei.nits.ac.in Dr. Kanjalochohan Jena, LNMIIT, Jaipur Email: kanjalochohan.jena@lnmiit.ac.in Coordinator: Dr. Bijit Choudhuri, ECE, NIT Silchar	ECE Dept. Seminar Hall (Hybrid) Google Meet Link: https://meet.google.com/oro-hris-hep Track 8 (Micro/Nano Circuits) Paper Ids: [67, 66, 12, 24, 22, 113, 44, 28] Session Chairs: Dr. Rajdeep Dasgupta, EIE, NIT Silchar Email: rajdeep@ei.nits.ac.in Dr. Satish Maheshwaram, NIT Warangal Email: satishm@nitw.ac.in Coordinator: Dr. Rajesh Saha, ECE, NIT Silchar

	Email: bijitchoudhuri@ece.nits.ac.in Volunteer: Nitish Kumar, 2nd Yr M.Tech, Chair-EDS SBC Email: nitish_pg_24@ece.nits.ac.in	Email: rajesh@ece.nits.ac.in Volunteer: Padmakshya Kar, 2nd Yr M.Tech, Vice-Chair, EDS SBC Email: padmakshya_pg_24@ece.nits.ac.in
Lunch Break (1 PM - 2 PM)	Lunch Break	
Date: 31st Jan 2026 (Saturday) Keynote Talk 7 (2:00-2:45 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Prof. Rakesh Vaid, University of Jammu Email: rakeshvaid@ieee.org Title: Triboelectric Nanogenerators (TENG) for Energy Harvesting Devices Chair: Dr. M. Kavicharan Email: kavicharan@ece.nits.ac.in	
Date: 31st Jan 2026 (Saturday) Track 9 & 10 (Micro/Nano Systems) (2:45 PM - 4:45 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (Hybrid) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Track 9 (Micro/Nano Circuits) Paper Ids: [169, 62, 19, 3, 133, 10, 97, 76] Session Chairs: Dr. R. Murugan, NIT Silchar Email: murugan.rmn@ece.nits.ac.in Dr. Shuvam Pawar, ECE, NIT Warangal Email: pawarshuvam@nitw.ac.in Coordinator: Dr. Arun Kumar, NIT Silchar Email: arunkumar@ece.nits.ac.in Volunteer: Nitish Kumar, 2nd Yr M.Tech, Chair-EDS SBC Email: nitish_pg_24@ece.nits.ac.in	ECE Dept. Seminar Hall (Hybrid) Google Meet Link: https://meet.google.com/oro-hris-hep Track 10 (Micro/Nano Systems) Paper Ids: [129, 87, 120, 9, 38, 50, 125, 149] Session Chairs: Dr. G. S. Baghel, NIT Silchar Email: gaurav@ece.nits.ac.in Dr. Asisa Kumar Panigrahy, ICFAI Tech, Hyderabad Email: asisa@ifheindia.org Coordinator: Dr. Himanshu Karan, NIT Silchar Email: himanshu@ece.nits.ac.in Volunteer: Padmakshya Kar, 2nd Yr M.Tech, Vice-Chair, EDS SBC Email: padmakshya_pg_24@ece.nits.ac.in
Tea Break	Tea Break	
Date: 31st Jan 2026 (Saturday) Valedictory (5:30 PM-6:00 PM)	Bharat Ratna Dr. Bhupen Hazarika Auditorium (In Person) Google Meet Link: https://meet.google.com/oaw-esbu-uoc Moderator: Dr. Dipjyoti Das and Dr. Sucharita Chakraborty (ECE, NIT Silchar) Chief Patron: Prof. Dilip Kumar Baidya (Director, NITS) Patrons: Dr. Koushik Guha (HoD-ECE), Prof. F. A. Talukdar, and Prof. S. Baishya General Chair: Dr. Jacopo Iannacci (Online) & General Co-Chair: Dr. Trupti R. Lenka (IEEE EDS BoG Member) Organizing Chair: Dr. M. Kavicharan (ECE, NIT Silchar) Vote of Thanks: Dr. M. Kavicharan (ECE, NIT Silchar)	

