Tezpur University
A Central University, Government of India

Department of Electronics and Communication Engineering,
School of Engineering

REPORT

Name of Event	One Day Webinar on Micro/ Nano Electronic Devices and Sensors (MiNaDS 2021)
Organized by	Department of Electronics and Communication Engineering, Tezpur University
Conveners	Dr. Rupam Goswami, Dr. Ratul Kr Baruah, Prof. Santanu Sharma
Duration	February 27, 2021
Mode of Event	Online

The Department of Electronics and Communication Engineering, Tezpur University, hosted a day-long webinar on Micro/ Nano Electronic Devices and Sensors (MiNaDS 2021) on February 27, 2021 through Google Meet, and YouTube. A total of 602 participants from 17 countries registered for the event. The distinguished speakers for the webinar were Prof. Samar Saha, Santa Clara University, USA, Prof. Yogesh S. Chauhan, Indian Institute of Technology (IIT) Kanpur, Prof. Santanu Mahapatra, Indian Institute of Science (IISc), Bangalore, and Prof. Pranab Goswami, Indian Institute of Technology (IIT) Guwahati. The webinar started with the inaugural address by Prof. V. K. Jain, the Vice-Chancellor of Tezpur University, during which he emphasized on the importance of electronic devices in research and innovation. Prof. Jain spoke on the objective of the National Education Policy (NEP) 2020 to promote problem-solving research, and motivated the participants to contribute to the country through research. For the forenoon session, Prof. Smriti Kumar Sinha, Dean, School of Engineering, Tezpur University presided as the chair. Prof. Saha delivered the first talk of the event on planar CMOS device technology for advanced VLSI circuits, and systems. Prof. Chauhan was the second speaker of the forenoon session, who spoke on physical insights into the negative capacitance transistors. For the afternoon session, Prof. Manabendra Bhuyan, Department of Electrical Engineering, Tezpur University acted as the chair. In the first talk of the second session, Prof. Mahapatra delivered a talk on the atom-to-circuit modelling for nanomaterial based MOSFETs. Prof. Goswami delivered the final talk of the event on bioelectronics of bioelectrodes involved in amperometric and biofuelcell biosensors. The participants were provided e-certificates based on their attendance for the various sessions. The sessions are available on YouTube at the link https://www.youtube.com/watch?v=EzNa5orpGpg .

Conveners Dr. Rupam Goswami 16/03/2021 Dr. Ratul Kr Baruah Prof. Santanu Sharma	**Head of the Department**

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