



Three-Days National Workshop

On

“MEMS Engineered Medicine”: Breaking Barriers in Medical Diagnostics

(12 to 16 April-2019)

Organized by

Department of ECE

NIT Silchar

Date: 12 April-2019			
	Session	Speaker	Topic
02:00 to 02:45 PM	Inaugural Ceremony		
02:45 to 03:00 PM	Tea Break		
02:15 to 05:00 PM	Session-1	Dr. Pratim Sengupta, Nephrologist	Human kidney working and Failure phenomenon. Available replacements
Date: 13-April-2019			
10.15 to 12.15 PM	Session-3	Dr. Arindam Dutta, Urologist	Human body and medical devices
12.30 to 1.30 PM	Lunch Break		
1.30 to 02.30 PM	Session-4.1	Dr. Soumen Das, IIT Kharagpur	Bio-Microfluidics
Date: 14-April-2019			
10.15 to 12.15 PM	Session-5	Prof. Nitin S. Kale, Nanosniff, IIT Bombay Hyderabad	Applications Piezoresistive Micro cantilevers
12.30 to 1.30 PM	Lunch Break		
02.15: to 04.00 PM	Session-6	Prof. Sanket Goel, BITS	Microfluidic devices and their fabrication
Date: 15-April-2019			
10.15 to 12.15 PM	Session-7	Dr. Ajay Agarwal, CEERI Pilani	Electronic biochemical sensor system integrated with fluidics
12.30 to 1.30 PM	Lunch Break		
10.15 to 12.15 PM	Session-8	Prof. Srinivasa Rao, KLEF	Cholera and Diarrhea Sensing using Bio-MEMS Technology

Date: 16-April-2019			
10.30 to 12.30 PM	Session-9	Prof. Koushik Guha	
12.30 to 01.30 PM	Lunch Break		
02.00 to 04.00 PM	Session-9	Prof. Suman Chakraborty, IIT Kharagpur	Critical Aspects in Microfluidics design
04:00 to 04.30 PM	Valedictory		