



**Introductory Training Course on Nanofabrication Technologies**

14<sup>th</sup> Jan – 01<sup>st</sup> Feb 2019

under the

**International Scientific and Technological Education Program (I-STEP)**

Supported by the ITEC Division of DPA-II, the Ministry of External Affairs, GoI



## Program Schedule

Date/Day	Time	Event	Speakers	Topic
<b>15 Jan 2019, Tuesday</b>	09:30 -10:30	Overview of CeNSE academic and research activities- Prof Navakanta Bhat		
	10.30-11.00	Hi- Tea/Snacks		
	11:00-11.30	<b>Special Talk</b>	<b>Dr. Sanjeev Kumar Shrivastava</b>	Overview-About Linking Researchers and Resources through the National Portal “I STEM”
	11:30 – 01:00	<b>Lecture 1</b>	<b>Prof. S A Shivashankar</b>	Nanomaterials and Nanostructures
	01:00 – 2:00	Lunch Break		
	02:00 – 03:30	<b>Lecture 2</b>	<b>Prof. Prosenjit Sen</b>	Heterogeneous 3D Integration Through Transfer of Ultra-Thin Devices
	03:30 – 4:00	Tea Break		
	04:00 – 05:30	<b>Lecture 3</b>	<b>Dr. Vijay Mishra</b>	Sensors to Systems
<b>16 Jan 2019, Wednesday</b>	09:00 – 10:00	<b>Lecture 4</b>	<b>Prof Shankar Kumar Selvaraja</b>	Silicon Photonic Integrated Circuits
	10.00 – 11:00	<b>Lecture 5</b>	<b>Dr. Ranajit Sai</b>	High Frequency Devices: Fabrication and Applications
	11:00 – 11:30	Tea Break		
	11:30 – 12:00	<b>Special Talk</b>	<b>Dr. Suresha S J</b>	Introduction to MNCF
	12:00 - 01:00	<b>Lecture 6</b>	<b>Dr Arun Babu</b>	Material Characterization Techniques of MNCF
	01:00 – 02:00	Lunch Break		
	02:00 – 03:30	<b>Lecture 7</b>	<b>Prof. Rudra Pratap</b>	MEMS Sensors
	03:30 – 04:00	Tea Break		
<b>17 Jan 2019, Thursday</b>	04:00 – 05:30	<b>Lecture 8</b>	<b>Prof. Sushobhan Avasthi</b>	Lithography Techniques
	09:00 – 10:00	<b>Lecture 9</b>	<b>Prof. Digbijoy N Nath</b>	GaN Power Transistor
	10:00 - 11:30	<b>Lecture 10</b>	<b>Prof. Navakanta Bhat</b>	CMOS Technology
	11:30 - 11:45	Tea Break		
	11:45 – 01:00	<b>Lecture 11</b>	<b>Prof S. Mohan</b>	Introduction to Thin Films
	01:00 – 02:00	Lunch Break		
	02:00 – 03:00	<b>Lecture 12</b>	<b>Prof. V Venkataraman</b>	Microfluidics for Biological Applications
	03:00 – 04:00	<b>Lecture 13</b>	<b>Prof. M M Nayak</b>	Advanced MEMS Packaging
04:00 – 04:30	Tea Break			
04:30 – 05:30	Feedback			

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