

About NIT Silchar:

National Institute of Technology(NIT) Silchar (an Institute of National Importance under MHRD, Govt of India), was established in 1967 as Regional Engineering college (REC) Silchar Assam. In 2002 it is upgraded to NIT. It is situated on the banks of Barak river with an astounding green campus. The campus is fully covered by green trees making it the one of the beautiful institute in India. NIT Silchar offers six UG and Ten PG courses. The Department of ECE offers B.Tech, M.Tech and PhD degrees. The institute is well known for its notable work in technical field. The institute is having well equipped laboratories with state of art scientific Tools. It makes the Research scholar to work 24 hours to achieve new heights in technical field.

Chief Patron:

Prof. Sivaji Bandyopadhyay, Director,
NIT Silchar

Patron:

Prof. F.A. Talukdar, HOD
Dept. of ECE

Chairperson:

Prof. S. Baishya, Dean Academics, NIT
Silchar

Coordinator:

Dr. Koushik Guha, Asst. Prof, Dept.
of ECE, NIT Silchar

Joint Coordinator:

Dr. Kandarpa Kumar Saikia, HOD,
Dept. of Bio engineering and Technology
GUIST, Guwahati

Organizing Committee

Dept. of Electronics & Communication
Engineering. NIT Silchar and Dept. of
Bio engineering and Technology,
GUIST.

How to reach NIT Silchar:

There are daily flights from Delhi, Kolkata, Guwahati and Agartala. Silchar is well connected by road. Buses run every day from Guwahati, Agartala, Meghalaya and Mizoram at Day and Night time. The preferred bus services are Jagannath and ASTC. Silchar is connected by train from all parts of the India.

TEQIP III Sponsored (Under Twinning Program)

**Five-Days National Workshop
on "MEMS Engineered
Medicine: Breaking Barriers
in Medical Diagnostics"
(12 to 16 April-2019)**

Organized By

**National MEMS Design Center @ NIT
Silchar**

**Department of Electronics and
Communication Engineering**

**National Institute of Technology
Silchar**

Assam-788010, India

*(An Institute of National Importance under MHRD,
Govt. of India)*

Jointly with

**Department of Bio engineering and
Technology**

**Guwahati University Institute of
Science**

and Technology, Guwahati



Convener

Dr. Koushik Guha
Assistant Professor (Grade-I)
Department of ECE

About ECE Department:

Electronics and Communication Department in NIT Silchar is most leading department in both Academic and Research streams. The Faculty and Ph.D. Scholars are fully devoted for technical research. Department is having different labs Communication lab, Antennas lab, VLSI Research Lab, Image Processing lab, Devices Lab and MEMS Lab covering almost all research areas in the field of Electronics and fully equipped with high speed PCs and state of art Equipment. MEMS and VLSI labs devoted for the miniaturization of device dimensions. The two labs are in collaboration to get new and useful devices for better society comfort. MEMS lab is having COMSOL Multiphysics, Coventor and MEMS+ licensed software's for simulation works.

Benefits of Attending Workshop:

This workshop is aimed to bring great minds in Medicine, Industry and Academia together to enlighten and share knowledge to work in interdisciplinary fields. The Medical doctors identifying the flaws in the existing conventional systems they are presently using in hospitals to treat the patients. The academic experts introducing the future trends that are under research to find a solution to medical systems. The participants are expected to bag a lot of information regarding the human body biology and internal working of biological cells for human survival.

Five-Days Workshop on MEMS Engineered Medicine: Breaking Barriers in Medical Diagnostics (12-16 April-2019)

Registration Form

1. Name.....
2. Designation.....
3. Organization.....
4. Address.....
5. Phone/Mobile.....
6. Email:.....
7. Qualification.....
8. DD Number.....
9. Accommodation Required: Yes/No

Declaration by applicant:

The information furnished in the application is true to best of my knowledge.

Date:

Signature:

Forwarded By HOD

Contact us:

Dr. Koushik Guha

**Email: koushikguha2009@gmail.com,
sateeshjasti441@gmail.com**

Phone: 9435072274, 9957777126.

Topics to be covered

- **Kidney Importance in Human Body**
- **Drug induced Nephrotoxicity & its eradication**
- **MEMS and Bio-MEMS**
- **Microfluidics in Medical Equipment**
- **Fabrication Aspects of Microfluidics**
- **Applications and Future Scope of MEMS in Medical Diagnostics**

Plenary Speakers

Dr. Arindam Dutta, Consultant Urologist, RG Stone Hospital, Kolkata

Dr. Pratim Sengupta, Consultant Nephrologist, Belle Vue Hospital, Kolkata

Prof. Soumyo Mukharjee, IIT Bombay

Prof. K. Srinivasa Rao, KL University

Prof. G. K. Anantha Suresh, IISC Bengaluru

Dr. Sripad Raja, Intellisense Pvt. Ltd

Prof. Sanket Goel, BITS Hyderabad

Prof. Chirasree Roy Chaudhuri, IEST Shibpur

Registration & Accommodation

Interested persons are advised to send Duly filled application on or before 06 April-2019. Accommodation shall be provided in single or shared basis in the institute Guest house on chargeable basis.

Internal Students: Rs. 500/-

***External Students: Rs. 1000/-**

***Internal Faculty members: Rs. 1000/-**

***External Faculty members: Rs. 3000/-**

***Industry Persons: Rs. 5000/-** (DD must be drawn in favor of "Director NIT Silchar" payable at Silchar. Original DD should be submitted at the time of Registration).

Important Dates:

Last Date of accepting applications:

06th April-2018

Notification of Selection: 09th April-2019

Date of Workshop: 12th to 16th April-2019