TOPICS COVERED

- Physical Vapor Deposition Techniques
- Chemical Vapor Deposition Techniques
- Chemical Solution Deposition Techniques
- Nucleation, Film Growth and Structure
- Thin Films Characterization Techniques
- Role of Thin films and Nanostructures in Devices
- Optical Properties of Thin Films
- Magnetic and Superconducting Films
- Thin Films and Nanostructures for Self-cleaning Applications

ORGANIZING COMMITTEE

PATRON
Prof. Themrichon Tuithung, Director, NIT Nagaland

CONVENER
Dr. Jyoti Prasad Borah, HOD

COORDINATOR
Dr. Debarun Dhar Purkayastha

MEMBERS
Dr. Amrit Puzari
Dr. Jhimli Bhattacharyya
Dr. A. Wati Walling
Dr. Prem Prakash Mishra
Dr. Manoj Kumar Patel
Dr. Nirmala Devi
Dr. Nibedita Paul
Dr. Jagat Dwipendra Ray
Dr. Anirban Majumdar
Dr. P. Chinnamuthu
Dr. Jay Chandra Dhar
Dr. Naorem Khelchand Singh

ELIGIBILITY

- B.Tech./M.Tech./M. Sc students/Research Scholars
- Faculty working in Educational Institutions

REGISTRATION FEE

- Students & Research Scholars: Rs. 500/-
- Faculty: Rs. 2000/-

ACCOMMODATION AND TRAVEL

Accommodation will not be provided. However, outstation participants may book hotels either on their own or through the assistance of the workshop organizing committee on payment basis. No TA/DA will be paid to the participants.

HOW TO APPLY

Registration fee can be paid through Demand Draft (DD) in favour of 'IRG NIT Nagaland,' payable at State Bank of India, Chumukedima Branch, Nagaland-797103.

OR

Through Net banking with the following account details:
A/C Name-IRG NIT NAGALAND
A/C No-35747839287
IFSC Code-SBIN0007543
Bank and Branch: State Bank of India, Chumukedima
The filled registration form along with scanned copy of D.D/Transaction receipt should be sent via email (tfta2018@gmail.com) on or before registration deadline.

DATES TO REMEMBER

- Receiving Application Form : 4th February 2018
- Short listing : 5th February 2018
- Workshop Dates : 09-13th February 2018

IMPORTANT INFORMATION

- Total intake : 30
- Registration fee includes kit and lunch during the workshop.

ADDRESS FOR COMMUNICATION

Dr. Debarun Dhar Purkayastha
Assistant Professor in Physics
Department of Science and Humanities,
NIT Nagaland, Chumukedima-797103
Dimapur, India
Mobile: +91- 9401335405
Email: tfta2018@gmail.com

NATIONAL WORKSHOP

On

"THIN FILM TECHNOLOGY AND APPLICATIONS"

FEBRUARY 09-13, 2018

SPONSORED BY

TEQIP – III

ORGANIZED BY

DEPARTMENT OF SCIENCE AND HUMANITIES
NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND

ABOUT NIT NAGALAND

National Institute of Technology Nagaland (NIT Nagaland) was established during the year 2009 by Ministry of Human Resource Development (MHRD), Government of India. The Institute is one among 31 NITs which falls under the ambit of the "Institute of National Importance". NIT Nagaland is located at Chumukedima, about 14 kilometers from Dimapur, Nagaland. The campus is well connected through all means of communication. At present there are six undergraduate courses namely Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Civil Engineering, Mechanical Engineering, Electronics and Instrumentation Engineering & four postgraduate courses namely Power System Engineering, VLSI Systems, Computer Science and Engineering & Electronics and Communication Engineering, inclusive of PhD Studies.

HOW TO REACH

BY AIR: Regular flights from Kolkata and Delhi are available to Dimapur Airport, which is located approximately 14 km away from NIT Nagaland.

BY TRAIN: Dimapur is very well connected to the different parts of India through a main line station of North-East Frontier Railway. The distance between the railway station and the Institute is about 18 km.

By ROAD: Several buses are plying within all major cities in North East India viz., Guwahati, Shillong, Kohima etc. to Dimapur. Apart from buses, private taxis at reasonable rate are also available from all the cities referred above.

ABOUT THE DEPARTMENT

Department of Science & Humanities is a multidisciplinary department and actively involved in research as well as imparting quality teaching of the courses in basic science and humanities for graduating engineering students. The department is equipped with good laboratories for thin film deposition and its characterization.

ABOUT THE WORKSHOP

The Department of Science and Humanities, NIT Nagaland is pleased to announce National Workshop on "Thin Film Technology and Applications" during February 09-13, 2018. Thin Film Technology is useful for both scientists and engineers because of their versatile applications in electronic industries, space science, solar energy utilization, sensors, superconducting film materials, high memory computer elements etc. The workshop will cover the basic science behind growth of thin solid films, characterization and their potential applications.

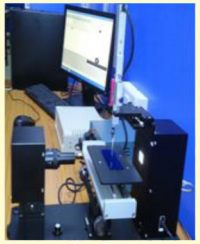
FACILITIES AVAILABLE AT NIT NAGALAND

Physical Vapor Deposition Machine

X-Ray Diffractometer

FT-IR Spectrometer

Spin Coater



Contact Angle Meter

UV-Visible Spectrophotometer

Dip Coater

Semiconductor characterization system

Photoluminescence Spectrophotometer

NATIONAL WORKSHOP

On

"THIN FILM TECHNOLOGY AND APPLICATIONS"

FEBRUARY 09-13, 2018

SPONSORED BY

TEQIP – III

REGISTRATION FORM

1. Name:

2. Designation:

3. Highest educational qualification:

4. Address for Correspondence:

5. Email:

6. Phone/Mobile No:

7. Any other information:

10. Details of Registration Fee:

Amount: D.D. No

Bank:

Place:

Date:

Signature of the applicant