

Participation in Hands-on Training workshop at IIT Bombay

Dr. Jaymin Ray had participated in “Hands-on Training Workshop on Fabrication & Characterization of GaN based LED” during September 11-15, 2017 organized by Indian Nanoelectronics User Program (INUP) at Indian Institute of Technology, Bombay (IIT Bombay).

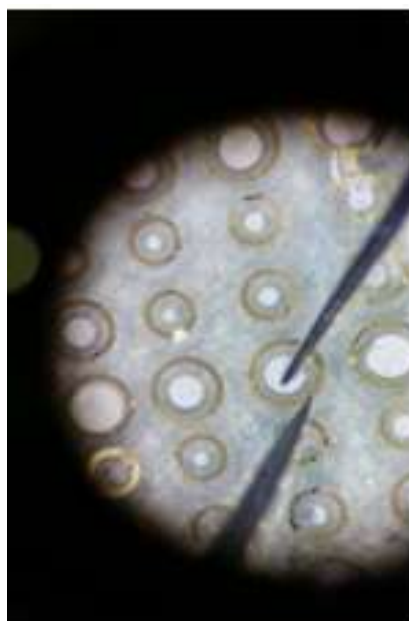
This workshop was focused on fabrication and characterization of GaN based Light Emitting Diode. The different vigorous training steps include; lithography by electron beam, metal deposition of electrodes, rapid thermal annealing of electrodes as well as the device and etching for passivation of inter-layers subsequently followed by photoluminescence and electroluminescence testing of the fabricated device. They also include a special session on the different aspect of the research at institute level such as the managing the funding, assistance in the initiation of research and enabling the execution of the work at IITB.



**Entrance of
nanofabrication Clean
room lab**



**Work environment in
nanofab lab (class 1000
clean room)**



**Prepared planner blue GaN
LED of about 160 μm in
diameter**



Group Members in the naofab lab



Lecture and discussion room