

REGISTRATION FORM

NATIONAL WORKSHOP ON ADVANCE MOLECULAR TECHNIQUES (NWAMT-19)

Full Name :

Date of Birth :

Gender : Male Female

Designation/Affiliation :

Corresponding Address:

..... Pin Code:

Accommodation Required : yes No

Contact No. :

Email :

Qualification :

Mode of Payment: Cash / DD / NEFT

DD No. :

Date :

Name of Bank :

Place :

Signature

REGISTRATION FEE:

Student - INR 1500/-

Research Scholar/Faculty/Scientist - INR-2000/-

On Spot Registration - INR 2500/-

The last date for payment of registration fee is January 31, 2019.

For Further details Contact: Dr. Subodh Kumar -Workshop Coordinator

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Dr. Sweta Thakur

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Mobile : (+91) 8076222415

Patrons

Dr. Devesh Kumar Singh, Hon'ble Chairman

Dr. Vikram Singh, Hon'ble Pro Chancellor

Chair Person

Prof. (Dr.) R. D. Sharma, Hon'ble Vice Chancellor

Convener

Prof. (Dr.) Jayanand, Director NRIC, NIU

Workshop Coordinator

Dr. Subodh Kumar, Assistant Professor, Deptt. of Biotech. & Microbiology

Organizing Committee

Dr. Varun Kumar Sharma, Head, Department of Biotechnology & Microbiology

Dr. Abhilekha Sharma, Associate Professor, Department of Chemistry

Dr. Namrata Dudha, Assistant Professor, Department of Biotechnology & Microbiology

Dr. Sweta Thakur, Assistant Professor, Department of Agriculture

Advisory Committee

Dr. Subodh Kumar, Chairman

Dr. Abhilekha Sharma, Co-chairman

Dr. Kashish Gupta, Member

Dr. Garima Sharma, Member

Dr. Lomas Tomar, Member

Dr. Navroop Kaur, Member

How to Reach:

1. From New Delhi Airport: Take a Metro up to New Delhi Railway Station.
2. From New Delhi Railway Station: Take a Blue Line Metro up to Botanical Garden, Noida. Then take a Cab for Yamuna Express way, Greater Noida.
3. From Ghaziabad: Take a Cab for Yamuna Express way, Greater Noida.



NOIDA INTERNATIONAL UNIVERSITY

NATIONAL WORKSHOP

on

ADVANCE MOLECULAR TECHNIQUES (NWAMT-19)

in association with



Agilent Technologies

11-15 Feb., 2019



SCHOOL OF SCIENCES

Plot No. -1, Sector-17A, Yamuna Expressway, Gautam Budha Nagar (UP)-201310

ABOUT NOIDA INTERNATIONAL UNIVERSITY

NOIDA INTERNATIONAL UNIVERSITY is a **UGC** recognized World Class University and is sponsored by the Maruti Educational Trust. The 75 acres Campus of the Noida International University is strategically located near the Ultra-Modern Yamuna Express Educational Hub in Gautam Budh Nagar, Greater Noida. NIU through its 11 schools is offering more than 150 programs in various streams. We are having students from 28 nations. NIU as an international university makes students from abroad feel right at home. At NIU we create an environment where international students could mix with each other, discuss and interact. With over 11 academic departments offering milestone specializations NIU is India's foremost academic institution that offers all of its courses in; the undergraduate, postgraduate & doctorate levels. Noida International University is one of India's top ranked universities, which offers such an array of accredited courses, qualified faculties and state of art infrastructure. These are some of the highlights that support this well rounded and respected institution.



ABOUT AGILANT TECHNOLOGIES

Agilent is a leader in life sciences, diagnostics and applied chemical markets. The company provides laboratories worldwide with instruments, services, consumables, applications and expertise, enabling customers to gain the insights they seek. Agilent's expertise and trusted collaboration give them the highest confidence in our solutions. Agilent focuses its expertise on six key markets, where we help to customers achieve their goals: Food, Environmental & Forensics, Pharmaceuticals, Diagnostics, Chemical and Energy & Research.

ABOUT WORKSHOP

This one week workshop is specially designed for beginners or early users to Molecular Techniques and is looking for the formal course. Faculty & Scientist from Academics & R&D Company will provide training on Digital PCR, Real time PCR, Background information of Microarray, Basics of NGS (Next Generation Sequencing) technology, and proteomics techniques.

The workshop offers to train the participants in:

- Genomic material Isolation & Quantification
- Gel Electrophoresis
- Primer designing
- Introduction to digital PCR
- Background knowledge and technical overview on Real-time PCR
- Gene expression study
- Data analysis and troubleshooting
- Clinical application
- Introduction about NGS (Next Generation Sequencing) Technology & Microarray
- Proteomics technique
- Students Interaction with Industry

SCIENTIST: AGILENT TECHNOLOGIES

Dr. Gaurav Garg has done PhD. In Biotechnology from CSIR-Institute of Genomics and integrative Biology, New Delhi, With specialization in Human molecular genetics. During PhD, he has mainly focused on manifestation of Coronary Artery Disease and its risk factors. He is also having 3 years post-doctorate experience from Clinical research centre, Lund University, Sweden. He also worked as scientist C for a year in Department

of Medicine, AIIMS, New Delhi. He has published 17 peer reviewed articles in the international journals and more than 25 abstracts presented in Indian and International Conferences. He is life time member of HUGO-HGM (Human Genome Organization). He has 14 years industrial & academic research experience in the field of Human Clinical & Molecular Genetics. Currently he is working as Senior Application Scientist in LGGC Life Sciences, Agilent Technologies.



PREREQUISITES

The trainee should hold or pursuing a UG, Master Degree, Research Scholar in Biological Science, Biotechnology and other interdisciplinary Subjects.

AIM OF TRAINING

Trainee will gain basic knowledge and skill needed for optimization and troubleshooting for analysis of genetic material using molecular techniques. Laboratory exercises include experiments of handling genetic materials and procedure for developing methods as well as to provide hands on experience about advances molecular techniques to the participants for better understanding about these sophisticated techniques. The training is useful for those who are planning to pursue their career in field of research, molecular study in clinical research and various others.

PAYMENT DETAILS

By Demand Draft in favour of : **Noida International University**
Through Bank Transfer :

Name of Account	NOIDA INTERNATIONAL UNIVERSITY
Name of Bank	Punjab National Bank
Bank Branch	Sector 18, Noida
Account Number	3702002100040155
IFSC CODE	PUNB0370200
SWIFT CODE	PUNBINBMSN

For online payment go to: www.niu.edu.in