



One week short-term course

on

Advances in Photonics and Hybrid Nanomaterials

March 23-28, 2018

National Institute of Technology, Kurukshetra, Haryana

Registration Form

Name : _____ Male/Female

Designation : _____

Affiliation : _____

Address for Communication : _____

E-mail : _____

Contact No. : _____

Accommodation required (Y/N) :

(Please specify the dates)

Accommodation charges in guest house is 500/- per night on individual/sharing basis.

5) Registration Fee details :

Draft No. : _____

Issuing Bank: _____

Amount _____ Drawn on _____

SBI Collect Receipt No. _____

(Signature of applicant)

Forwarded by:-

Please send the registration form and fees (Registration fee is to be paid in advance through a crossed bank draft in favor of “**Director, National Institute of Technology, Kurukshetra**” payable at Kurukshetra to the following address: **Y. Dwivedi, Physics Department, National Institute of Technology, Kurukshetra-136119**
Email: yashjidwivedi@nitkr.ac.in 01744-233503, 01744-233494, 09896004119, 07404342038,

Participants will be provided meals and tea during the sessions. Accommodation can be arranged in hostel and or guest house on nominal payment basis subject to the availability. No TA/DA will be paid to the participants. Participants will be selected on first-come-first serve basis up to a maximum of 30.

About Kurukshetra

Kurukshetra the land of the Mahabharata where the quest for wisdom and Absolute started with the rendering of sermon by Lord Krishna and also known as Dharmshetra. The famous tourist spots are Brahasarovar, Jyotisar, Dharohar, Panorma, Sanihit Sarovar, Kalpana Chawala Planitarium, etc. In addition to its spiritual significance, the town has steadily developed into a centre of academic excellence.

About NIT Kurukshetra

National Institute of Technology, Kurukshetra, formally known as Regional Engineering College, was established in 1963. The Institute was conferred upon the status of Deemed University on June 26, 2002. Recently, the Institute has been declared an Institution of National Importance by MHRD, Govt. of India. Institute has B.Tech, M.Tech., MBA and MCA Courses in various disciplines with annual intake of about 1500 students. Institute also offers excellent facilities for advanced research in the emerging areas of Science and Technology leading to Ph.D. degree. The Institute has well qualified and dedicated faculty along with finest supporting staff, laboratories and other infrastructure.

About Physics Department

In addition to fundamental Physics courses for B. Tech. students, Department of Physics runs two four-semester M. Tech. programme in Instrumentation and Nanotechnology and offers Ph.D. in different areas to keep synergy with the evolving innovations and developments in various fields of experimental and theoretical Physics. Apart from this, the department has highly sophisticated instruments facilities for advance research and the faculty members of department hold many research projects sponsored through SERB, DST, DRDO, UGC and BRNS etc.

Convener

Prof. Neena Jaggi

Professor, Department of Physics

Course Coordinators

Dr. Y. Dwivedi

Assistant Professor, Department of Physics

Dr. Awnish Kumar Tripathi

Assistant Professor, Department of Physics

Members

Prof. J. K. Quamara **Prof. Ashavani Kumar**

Dr. R. P. Chauhan **Dr. Anurag Gaur**

Dr. Ashok Kumar **Dr. C R Mariappan**

Dr. Prakash Chand **Dr. Arun Kumar**

Dr. Amit Kumar **Dr. Sohan lal**

Dr. Nitika Chauhan **Dr. Madan**

Important Dates

Registration Last date: March 05, 2018

Notification of selection: March 05, 2018

Application should be made on the registration form with following registration fee :

Participant	Registration fee (Rs)
Faculty	2000/-
Students	1500/-

Registration form should be sent to **Head**

Department of Physics

N.I.T. Kurukshetra-136119 (Haryana)

Email: yashjdwivedi@nitkkr.ac.in

Ph. 01744-233503, 01744-233494,

Mobile: 9896004119, 07404342038



One week short-term course
On

Advances in Photonics and Hybrid Nanomaterials

March 23 - 28, 2018



Organizing by

**Department of Physics
National Institute of Technology
Kurukshetra-136119 (Haryana)**

REGISTRATION FORM

One week Short Term Course on
Advances in Photonics and hybrid nanomaterials
March 23-28, 2018

Name: _____

Designation: _____

Affiliation: _____

Address for correspondence:

_____ Phone: _____

E-mail: _____

Qualifications: _____

Teaching Experience: _____ Years

Accommodation required: Yes/No

Payment Details:

Draft No. : _____

Issuing Bank: _____

Amount _____ Drawn on _____

SBI Collect Receipt No. _____

(Signature of applicant)

Sponsoring Authority (if any):

Name: _____

Designation: _____

Organization: _____

Recommended: _____

Signature of Head of Institution/Department with
Seal

Theme

It gives us immense pleasure to announce the one week short-term course On **Advances in Photonics and Composite hybrid nanomaterials** during **March 23 -28, 2018** at **Physics Department, National Institute of Technology, Kurukshetra, Haryana.**

Engineering materials constitute the foundation of technology, whether the technology pertains to structural, electronic, thermal, electrochemical, environmental, biomedical or other applications. This short term course will include detailed expert lectures and training on such engineered materials including photonics and composite materials. The objective of this course is to extend the basic and advanced training to young faculty and researchers about basics of composite material synthesis and characterization techniques. Additionally, photonics technology is now spanned in various frontline diverse fields including defense, environment, biomedical, sensor etc which is also a major area of discussion during the course.

Objectives and Content

Short term course will bring opportunity to learn various synthesis and characterization techniques of composite materials doped with various active ions. This course will provide hand on various instruments including Electron microscopy (Scanning electron microscope), Confocal microscope imaging and Scanning probe microscopy, XRD, etc. Objectives of the course work is to motivate the scientific community especially the young generation toward efficient use of various analytical techniques available with today's state-of-the-art instruments with their capabilities of monitoring image and spectrum and bringing out material information down to atomic scale. The main thrust of the course work is to review and analyze cutting edge research trends in material science and Photonics and provide a forum for researchers to interact and to identify

emerging future areas of growth in the field of material science and Photonics.

Who should attend

Faculty members/research scholars from academic institutes approved by the AICTE/UGC/MHRD and Scientists/Engineers working in Private/Public/Government Organizations/Industries, Research & Development establishments etc. can attend the course. Application should be made on the registration form and should accompany registration fee of Rs. **2000/-** for faculty, Rs. **1500/-** for Students. Participants will be provided meals and tea during the sessions. Accommodation can be arranged in hostel/guest house on nominal payment basis subject to the availability. No TA/DA will be paid to the participants. Participants will be selected on first-come-first serve basis up to a maximum of 30. There will be no registration fee for NIT Kurukshetra faculty. The registration form, complete in all respects, duly forwarded by the Head of the Institution/Department, accompanied by demand draft of requisite amount and covering letter should reach the Course Coordinator on or before March 05, 2018. Registration fee is to be paid in advance through a crossed bank draft in favor of "**Director, NIT Kurukshetra**" payable at **Kurukshetra**. The brochure with registration form can be downloaded from Institute website www.nitkr.ac.in

