

2. Prof.B.K.Pandey
Dept. of Applied Sciences, MMMUT, Gorakhpur
Mobile No.9235500512, Email: bkp11@rediffmail.com

PROGRAM SECRETARY
Dr. Anjani Kumar Pandey
Academic Director and Associate Professor (Physics)
D. D. Degree College, Azamgarh
Mobile No.8318482960
Email: anjani_phys@yahoo.in

MEMBERS OF ORGANIZING COMMITTEE

- Dr. Sarita Chauhan, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Niharika Verma, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Sangeeta Verma, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Niranjani Chaurasia, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Kalpana Singh, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Santosh Kumar Singh, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Archana Maurya, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Sugandha Khare, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Saurabh Kumar Yadav, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Maria Khan, Dept. of Chemistry, Sri JNPG College, Lucknow
- Dr. Mukesh Maurya Dept. of Chemistry, Sri JNPG College, Lucknow

ADVISORY COMMITTEE

- Prof. D. Pandey, Director, School of Mat. Science, BHU, Varanasi (UP)
- Prof. A.C. Pandey Ex. VC, Bundelkhand University Jhansi (UP)
- Prof M. Prasad, Vis. Scholar, Simon Fraser University, BC, Canada
- Prof. J. D. Pandey, Ex. Head, Dept. of Chemistry, University of Allahabad
- Prof. Krishna Mishra, Dept. of Chemistry, IIIT, Allahabad (UP),
- Prof. Manjunatha Pattabi, Chairman, Material Science Dept., Mangalore University, Mangalagangothri
- Prof Ajay Kumar Mishra, University of South Africa, College of Science
- Dr. S. Umrao, SKKU Adv. Inst. of Nanotechnology, Suwon, **South Korea**.
- Dr. Yogendra Kr. Mishra, Christian-Albrechts University Kiel, Germany
- Dr. M. Dubey, US Army Research Lab, Adelphi, USA

- Prof. N. B. Singh, Dept. of Chemistry and Bio Chemistry, University of Maryland, USA
- Prof. Narayan Prasad Adhikari, Central Department of Physics, Tribhuvan University, Kathmandu
- Prof Karuna Kar Nanda, Professor, Indian Institute of Science, Bangalore
- Prof. R. K. Khandal, President R&D, India Glycols Ltd Noida, Former Vice Chancellor, Uttar Pradesh Technical University, Lucknow
- Prof Biswajit Chowdhury, Professor, Dept. of Applied Chemistry, Indian Institute of Technology, Dhanbad
- Dr. Vivek Mishra, Dept. of Chemistry, University of Delhi
- Dr. Chandan Upadhyay, School of Materials Science and Technology.
- Prof. Vinita Vishwakarma, Scientist F, Centre for nanoscience and nanotechnology, Chennai
- Prof. Sandeep Kumar, Raman Research Institute, Bangaluru, (Karnataka)
- Prof. C V Yelamaggad, Scientist, Centre for soft Matter Research, Bangalore
- Prof. Anchal Srivastava, Dept. of Physics, BHU, Varanasi (UP)
- Prof. R. N. Rai, Dept. of Chemistry, BHU, Varanasi (UP)
- Prof. Kaman Singh, Dean, School for Physical Sciences, B. B. Ambedkar Central University, Lucknow
- Prof Arun Sethi, Deptt of Chemistry, University of Lucknow, Lucknow
- Prof Siddharth Pandey, Dept. Of Chemistry, IIT, Delhi
- Prof. Ravindra Dhar, Dept. Of Physics, University of Allahabad
- Prof. D. K. Dwivedi, MMM University of Technology, Gorakhpur (UP)
- Prof. B. C. Yadav, Deptt of Physics, BBAU, Lucknow (UP)
- Prof. Balak Das, Dept. Of Physics, University of Lucknow, Lucknow (UP)
- Prof Rajiv Manohar, Dept. Of Physics, University of Lucknow
- Dr. B. K. Pandey, MMMUT, Gorakhpur
- Dr. S. N. Pandey, MNNIT Allahabad (UP)
- Prof. Kedar Singh, School of Physical Sciences, J.N.U. New Delhi
- Dr. Preeti Joshi, National chemical Laboratory, Pune
- Dr. Vijay Kumar, Dept. of Physics, Chandigarh University, Mohali, Punjab

REGISTRATION FORM

International Short term course on
Synthesis, Characterization and Applications of Nano materials
ISTC-SCAN-2018

Organised by
Dept. of Chemistry, Sri Jai Narain Post Graduate College
Charbagh, Lucknow (India) -226001
Website: www.jnpg.org.in
06 March 2018 – 12th March 2018

Self Attested
Photograph

Full name		
Year of birth		
Gender	<input type="checkbox"/> male <input type="checkbox"/> female	
Main background	<input type="checkbox"/> physics <input type="checkbox"/> chemistry <input type="checkbox"/> materials science <input type="checkbox"/> economics <input type="checkbox"/> finance <input type="checkbox"/> other: ...	
Position		
Company/ Affiliation		
Field/topic of research (if applicable)		
Address		
Phone number		
Email		
Details of Payment- Reg.Fee	Amount Rs. Name of issuing Bank	DD/Bank Order Date
Pay in favor of ISCSCAN JNPG College payable at Lucknow	A/C No 37285482814	IFSC Code -SBIN0011214

Signature of Participant

Note- Please fill out this registration form and return this as an email attachment to scan.jnpg2018@gmail.com A confirmation message will be sent to you by email as we have received your registration form.

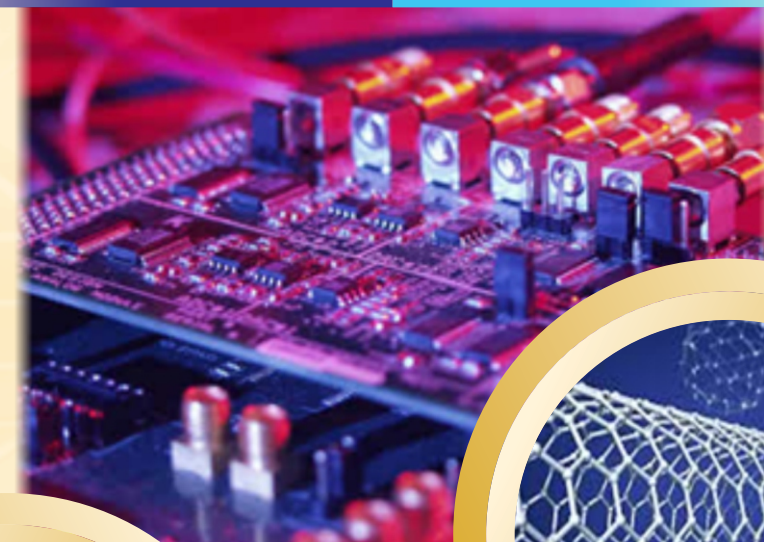
Convener

Dr. Harendra Kumar Rai
Associate Professor, Dept. of Chemistry
Sri JNPG College, Lucknow (India)
Email: hkr.jndc@gmail.com, scan.jnpg2018@gmail.com
Mob. No.: +91-9415222859, 9651222859
Website : www.jnpg.org.in



INTERNATIONAL SHORT TERM COURSE ON **SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF NANOMATERIALS**

(ISTC-SCAN 2018)
March 06 – March 12, 2018



VENUE

Dept. of Chemistry
Sri Jai Narain Post Graduate College,
Lucknow (India)

Organized By
Dept. of Chemistry
Sri JNPG College
(Accredited "A" Grade by NAAC)
Charbagh, Lucknow – 226001
Uttar Pradesh (India)
Email: scan.jnpg2018@gmail.com
www.jnpg.org.in

ABOUT THE WORKSHOP

The International Short term course on “**Synthesis Characterization and Applications of Nano materials**” has been scheduled during 6st March 2018–12th March 2018 at Sri Jai Narain (PG) College, Lucknow. The main objective of this course to provide an excellent platform for better understanding of the basics of nanotechnology and to exchange and share their experiences in the development of advanced nanomaterials for functional applications. Nanotechnology is one of the newest and fastest growing areas in Science and Engineering. The subjects arise from the convergence of Electronics, Physics, Chemistry and Material Science to create new functional system of Nano scale dimensions. It has been cast as the answer to many of world's major environment and health issues. The applications of nanotechnology are extremely important and unending, particularly its role in chemical engineering, automobiles, space, healthcare, defense, telecommunication, information technology, energy sectors etc. Currently the advantages of nanotechnology outweigh the potential risks.

THE OBJECTIVES

- To provide a forum to the faculty members, researchers and students to quench their thirst for creativity in frontier areas of nanoscience and technology.
- To present the most recent developments in the field of nanoscience and technology.
- To provide a platform for interdisciplinary communication and intensify collaborations between scientists and industry.
- To assist in public understanding of the social, educational, environmental and economical importance of chemical nanotechnology.
- To promote research in emerging and thrust areas of engineering, medicine, food, energy, environment and health care.

FOCUSED AREA

- Basics about Nanotechnology and its applications.
- Nanomaterials for improved use of resources.
- Nanotechnology for defence applications
- Nano structures and devices.
- Characterization of nano materials
- Synthesis of nanomaterials
- Nano biotechnology

- Nano-membranes, Nano- porous & electrochemical materials.
- Nanofabrication, nanolithography, Nano manipulation.
- Nanoscale characterization, Nano Imaging.
- Computational nanotechnology (modelling and simulation of nanostructures).
- Nano MEMS, Nano-fluids, Nano-sensors.
- Nano manufacturing, reliability, standards, safety and ethical issues.
- Nano coatings, Nano Composites and Nano Electronics
- Nanotechnology in power generation and medical applications
- Application of Nanotechnology in environmental protection
- Fundamentals of Nanoelectronic Devices.

ABOUT THE CITY

Lucknow the historical city of Nawabs on the bank of Gomti River is the capital of Uttar Pradesh. The city offers a multidisciplinary blend of excellent facilities and expertise in the area of Physics, Chemistry, Biology and Technology. With CSIR laboratories (CDRI, NBRI, IITR, CIMAP), ICAR laboratories (IISR, CISH, NBFGR, CSSRI), DST Institutes (BSIP), Biotech Park, IT Park, University of Lucknow, Dr. Baba Saheb Bhim Rao Ambedkar University (Central University), Dr. Ram Manohar Lohia Law University (Central University) Dr. Shakuntala Mishra National Rehabilitation University, Dr. APJAK Technical University, SGPGI, KGMU alongwith several private funded universities. The city boasts of excellent expertise and infrastructure in the area of chemical, biomedical science, drug development, toxicology and environment protection, etc.

ABOUT THE COLLEGE

THE MOTTO OF THE COLLEGE IS “VIDYAMRATUMSHANUTE” – KNOWLEDGE IS LIKE NECTAR THAT MAKES A PERSON IMMORTAL. Founded in 1917 AD, as a modest Anglo-Sanskrit school, this premier institution of U.P. marched from strength to strength ever since. It was upgraded to middle school in 1918, high school in 1920, Intermediate College in 1923, Degree College in 1946, a full fledged degree college (Arts, Science, Commerce faculties) in 1954. Today it is the biggest associated College of Lucknow University catering to the needs of approx 10000 students at under graduate and post graduate levels with faculties namely Arts, Science Commerce, Law, B.Ed., B.B.A. (IB) and B.P. Ed. with a staff over 400. In the year 2015 college was Accredited 'A' Grade by NAAC.

ABOUT THE DEPARTMENT

The Department of Chemistry, Sri JNPG College Lucknow (Accredited A grade by NAAC) was established in the year 1948. The department has an asset of 16 well qualified teachers which contributes to high quality of education being imparted to the students. The department is well equipped for rendering high quality of research work. The department has four modern laboratories which cater to the need of 1800 students. Besides this it has a huge departmental library having 870 books. Recent journals of repute are readily available in the chemistry department for research purposes. The departmental teachers are involved in various research activities. The college authorities are very cooperative to facilitate all requirements regarding research and academic activities.

WHO MAY BE BENEFITED

Industry professionals, Medical Professionals, teachers, researchers and students who are interested in “Synthesis, Characterization and Applications of nano materials” are expected to get benefit from this short term course.

LECTURE SESSIONS AND LECTURE NOTES

Four lecture sessions between 10.00 AM to 5:15 PM will be held on each day. All the Lecture session will be taken by renowned personalities and pioneer researchers working at different industries, organizations and research centers in India and abroad. The Lecture notes, slides and other course materials will be provided to participants during the course.

WHO CAN PARTICIPATE & HOW TO APPLY

All the working professionals, medical professionals, Postgraduate students, Research Scholars, Faculty Members who have keen interest in synthesis, characterization and Applications of nanomaterials can participate in this course. The total number of participants will be 45 and opportunity to the participants will be given on first come and first serve basis. Interested persons may apply in the given form along with registration fee through DD/NEFT. The registration fee details must be mentioned in the registration form.

REGISTRATION FEE

Registration fee Rs 2500/- will be charged from each participant.

ACCOMMODATION AND FOODING

Limited number of accommodation as per availability will be provided to the participants on twin sharing basis with an advance request. Refreshment and Fooding will be provided to every participant with free of cost.

IMPORTANT DATES

Last date for submitting scanned copy of registration form by email: 30th Jan. 2018

Last date for submitting written request for Accommodation: 10th Feb. 2018

Intimation of selection on email id of Participant: 25th Feb 2018

CHIEF PATRON

Sri V. N. Mishra, IPS

Director General of Police (Retd.)

President, Managing Committee

Sri JNPG College, Lucknow-226001

PATRON

Sri G. C. Shukla

(Retd. Director, Bureau of Public Enterprises)

Manager, Managing Committee

Sri JNPG College, Lucknow-226001

CHAIRPERSON

Prof. S. D. Sharma

Principal, Sri JNPG College, Lucknow-226001

Mob.No.9415046216, E-mail: principal_jnpg@rediffmail.com

CONVENER

1. Dr. Harendra Kumar Rai

Associate Professor, Dept. of Chemistry, Sri JNPG College, Lucknow-226001

Mob. No. 9415222859, Email: hkr.jndc@gmail.com

2. Prof.C.K.Dixit

Dean, Faculty of Science and Engineering

Head, Department of Physics, DSMNRRU, Lucknow

Mob.No.9532298300, Email: ckdixit@dsmnru.ac.in

COORDINATORS

1. Dr. D. K. Awasthi

Associate Professor, Dept. of Chemistry, Sri JNPG College, Lucknow-226001

Email: dkawasthi5@gmail.com

2. Mr. Swayam Prakash Shukla

Associate Professor, Dept. of Physics, Sri JNPG College, Lucknow-226001

ORGANISING SECRETARY

1. Mr. Ajay Kumar Mishra

Associate Professor, Dept. of Chemistry, Sri JNPG College, Lucknow-226001

Email: ajaikumar1967@gmail.com