

CSIR SPONSORED
NATIONAL CONFERENCE ON CURRENT AND FUTURE PERSPECTIVES IN
NANOTECHNOLOGY : "NANOWORLD-2018"



APRIL 12-13th
ORGANIZED BY

DEPARTMENT OF PHYSICS, SHIVAJI COLLEGE, UNIVERSITY OF DELHI

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NANOWORLD - 2018

Nanotechnology is manipulation of matter on an atomic, molecular, and super-molecular scale. Nanotechnology as defined by size is naturally very broad including fields of science as diverse as surface science, organic chemistry, molecular biology, semiconductor physics, energy storage, micro fabrication,, molecular engineering. Its R&D applications are equally diverse leading to the development of new materials that will always push the frontiers of technological advancement in the society. This conference aims at developing a sheer understanding of the Nanoworld and its diverse applications in the modern world where almost every emerging technology belongs to the domain of the Nanoworld. .



ABSTRACT SUBMISSION : 6th APRIL
ACCEPTANCE NOTIFICATION : 8th APRIL
REGISTRATION : 10th APRIL

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ABOUT THE COLLEGE:

Shivaji College (Accredited by NAAC with 'A' grade) is a constituent college of the University of Delhi established in 1961. It is a co-educational institution and imparts instruction in various subjects at both undergraduate and postgraduate levels. Shivaji College is a leading institute of University of Delhi, which offers 20 undergraduate courses in Science, Humanities and Commerce. It also offers 1 self-financing undergraduate course and 3 post graduate courses.



ABOUT THE PHYSICS DEPARTMENT:

The main aim of the physics department is to provide high quality education, producing well groomed undergraduates who will be strongly engaged in pushing the frontiers of knowledge in physics and its related disciplines through scholarly activities. The faculty in our department strongly believes that "Desire is the key to motivation", it is determination and commitment to an unrelenting pursuit of our goals and commitment to excellence that enables us to attain the success that we seek.

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PLENARY SPEAKER : DR. D. K. ASWAL (DIRECTOR, NPL)

INVITED SPEAKERS

**DR. S. P. SINGH
(NPL)**

**PROF. A. K. SHUKLA
(IIT-DELHI)**

**PROF. SUBHASIS GHOSH
(JNU)**

**DR. O. P. THAKUR,
SCIENTIST-F, SSPL (DRDO)**

**PROF. VINAY GUPTA
(DELHI UNIVERSITY)**

**PROF. SUSHIL AULUCK
(NPL)**

**DR. ANITA KAMRA VERMA
(DELHI UNIVERSITY)**

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For Registration

Send the scan copy of your payment receipt to conference email id :
(nanoworld2018@gmail.com)

TYPE OF REGISTRATION	AMOUNT IN INR
UG/PG STUDENTS	200
PH.D./M.PHIL STUDENTS	500
FACULTY	1000

For Registration Detail

Contact

Ph : 7838376923

Email : nanoworld2018@gmail.com

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DAY-1 12 th APRIL		DAY-2 13 th APRIL	
10:00 am	INAUGURAL CEREMONY	SESSION-3 : "Computation, Simulation and Modelling of Nanostructures, Nanosystems and Nanodevices"	
10:30 am	PLENARY TALK Dr. D. K. Aswal (Director, NPL)	10:00 am	INVITED TALK - 4 Prof. Sushil Auluck (NPL)
11:30am	HIGH TEA	10:40 am	ORAL-7
SESSION-1 : "Environmental Sciences and Harvesting Energy at Nanoscale"		10:55 am	ORAL-8
12:10 pm	INVITED TALK - 1 Prof. Vinay Gupta (DU)	11:10 am	TEA
12:50 pm	ORAL-1	11:10 am- 11:40 pm : POSTER SESSION FOR UNDER/POST GRADUATE STUDENTS: "MACRO TO NANO:	
01:05 pm	ORAL-2	BIRTH OF NANOTECHNOLOGY"	
01:20 pm	LUNCH	SESSION-4 : "Nanobiotechnology"	
SESSION-2 : "Nanomaterials: Fabrication and Characterization"		11:40 am	INVITED TALK - 5 Dr. S. P. Singh (NPL)
02:20 pm	INVITED TALK - 2 Prof. A. K. Shukla (IIT-Delhi)	12:20 pm	INVITED TALK - 6 Prof. Anita Kamra Verma (DU)
03:00 pm	INVITED TALK - 3 Prof. Subhasis Ghosh (JNU)	01:00 pm	ORAL-9
03:40 pm	ORAL-3	01:15 pm	ORAL-10
03:55 pm	ORAL-4	01:30 pm	LUNCH
04:10 pm	ORAL-5	01:30 pm- 02:30 pm : POSTER SESSION FOR RESEARCHERS/FACULTY	
04:25 pm	ORAL-6	SESSION-5 : "Nanodevices and Applications: Nanophotonics, Nanoelectronics and Nanosensors"	
04:40 pm	TEA	02:30 pm	INVITED TALK - 7 Dr. O. P. Thakur (DRDO)
		03:10 pm	ORAL-11
		03:25 pm	ORAL-12
		03:40 pm	ORAL-13
		03:55 pm	ORAL-14
		04:10 pm	ORAL-15
		04:25 pm	Conclusive Panel Discussion and Valedictory Ceremony
		04:45 pm	TEA

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FOR ORAL PRESENTATION

- Contributory oral presentations are scheduled for 15 minutes (12 minutes + 3 minutes Q&A)
- Please bring your presentations in USB flash drives. And upload his/her presentation (in pdf/ppt/pptx/ppsx format) before the start of the respective session

FOR POSTER PRESENTATION

- The size of poster is 40inch length-30inch width and in PORTRAIT format
- Authors should fix their poster at the poster board before the poster session starts and remove his/her poster immediately at the end of the poster session

FOR POSTER COMPETITION (For UG/PG STUDENTS)

The size of poster is as per standard chart paper size

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FOR FURTHER INFORMATION

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