

WORKING COMMITTEE

1. Dr. Gautam Das, Professor.
2. Dr. Harihar Kalia, Professor.
3. Mr Partha Pratim Sarangi, Asso. Professor.
4. Mr Prasanta Nayak, Asso. Professor.
5. Mr P K Senapati, Asso. Professor.
6. Mr Bhubotosh Behera, Asso. Professor.
7. Dr. Manas Ranjan Pani, Professor
8. Mr. Swarup Ku. Dandpat, Asso. Professor.
9. Dr. Sashadhar Kalia, Professor
10. SK. M. Ali, Asst. Professor.

HOW TO REACH SEC

Road Map (Way to SEC...)



REGISTRATION FORM

Name:

Institution/Industry:

Qualification:

Designation:.....

Experience:.....

Mailing Address:.....

.....

Email:

Mobile No.....

Date Signature of the Applicant

Sponsorship Certificate

The applicant will be permitted to participate in the above program, if selected.

Date: Signature

Principal/Director

Office Seal

NATIONAL SEMINAR

On

NANOTECHNOLOGY

AND

ITS APPLICATIONS

On 29th September 2018

Organised by



ESTD. : 1997

Seemanta
Engineering College
An ISO 9001: 2008 Certified Institution
I MAYURBHANJ I ODISHA I

Web Site: www.seemantaengg.ac.in
E-mail: principal@seemantaengg.ac.in

ABOUT THE COLLEGE

Seemanta College of Engineering was established in 1997. The College is approved by A.I.C.T.E. New Delhi and affiliated to the Biju Patnaik University of Technology, Rourkela. It offers B. Tech courses in Computer Science and Engineering, Mechanical, Electronics and Telecommunication, Electrical, Electrical and Electronics and Civil Engineering. It also provides M. Tech courses in Electrical and Mechanical Engineering and M.C.A. Diploma Engineering in 2nd Shift is also running in this Institute.

SEMINAR OBJECTIVES

The design, characterization, production, and application of structures, devices and systems by controlled manipulation of size and shape at the nanometer scale (atomic and molecular scale) that produces structures, devices and systems with at least one novel/superior characteristic or property is referred to as Nanotechnology

Endeavor of many fields contributing to nanotechnology include Molecular Physics, Materials Science, Chemistry, Biology, Computer Science, Electronics Engineering, Electrical Engineering and Mechanical Engineering.

Materials reduced to the Nanoscale can show different properties compared to what they exhibit on a macroscale, enabling unique applications.

The most important applications of Nano-technology are:

- **Nanomedicine**
- **Nanobiotechnology**

- **Green nanotechnology**
- **Energy applications of nanotechnology**
- **Industrial applications of nanotechnology**
- **Potential applications of carbon nanotubes**
- **Nanoart**

RESOURCE PERSONS

Prof. Debabrata Pradhan, Associate Professor, Dept. of Material Science, IIT Kharagpur.

Dr. Sumanta Kumar Sahu, Asst. Prof., Dept. of Applied Chemistry, IIT (ISM) Dhanbad

ELIGIBILITY

Faculty members and students from AICTE Approved Engineering Colleges, Polytechnics, Universities and Industries

HOW TO APPLY

The scanned/soft/photo copy of filled in Application form may be sent via e-mail to **ajitsahu@seemantaengg.ac.in**.

REGISTRATION FEE

There is no Registration fee for attending the Seminar.

PROGRAM SCHEDULE

- **Programme:** 29th Sept 2018
- **Time:** 9:00 am to 5:00 pm

- **Venue:** SEMINAR HALL

Seemanta Engineering College

ORGANISING COMMITTEE

PATRON

Er. Ashok Kumar Basa, President GB, SEC.

CHAIRMAN

Prof. Mahendra Nath Mohanta, Principal, SEC.

PROGRAM COORDINATORS

Prof. (Dr.) Ajit Kumar Sahu
Professor and Head, Dept of Physics
ajitsahu@seemantaengg.ac.in, Mob. 9437612637

Prof. (Dr.) Manoj Kumar Dash
Professor and Head, Dept. of Chemistry
manojdash@seemantaengg.ac.in, Mob: 9438400980

TECHNICAL ADVISORY COMMITTEE

Prof. G. C. Rout, Ex-Professor, FMU, Balasore

Prof. B. K. Mishra, Ex- Professor, IGIT, Sarang

Prof. R.B. Panda, Professor, VSSUT, Burla

Prof. M.C. Adhikary, Professor, FMU, Balasore

Prof. D.R.Sahu, Associate Professor, Namibia University of Science and Technology (NUST)