

LOCATIONS:

Nearest Airport: Bhubaneswar

Railway Station: Sambalpur/Hirakud

By road: 15 Km from Sambalpur city

CONTACT ADDRESS

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PTNM II – 2012

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Sambalpur University

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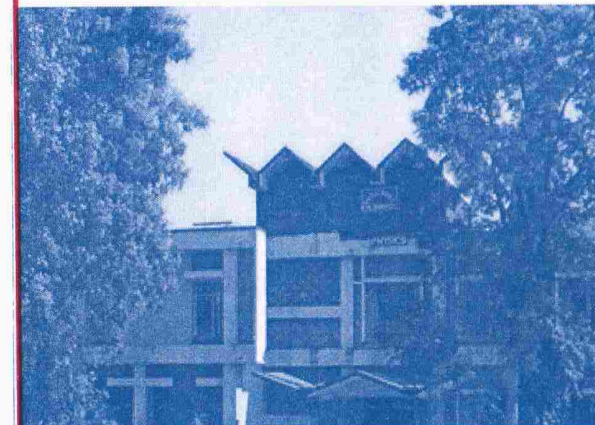
2nd National Seminar

on

**“Physics and Technology of Novel
Materials”**

(PTNM II - 2012)

March 10-11, 2012



**School of Physics
Sambalpur University
Jyoti Vihar, Burla – 768 019
Odisha, India**

INVITATION

The School of Physics under Sambalpur University is a pioneering centre in teaching and research in Physics. In recognition of its excellence the school has been awarded financial grant under FIST programme by Department of Science and Technology, Government of India during 2001-06 and recently, during 2009-10, the University Grant Commission (UGC) extended the DRS I under SAP. The School offers courses in M. Sc. Physics, M. Sc. in Nuclear Physics, M. Phil (Physics) and opportunities for Ph.D. The School has collaborated in the research area with several leading Institutions/Universities of the Country including IISc, IITs, IOP, BARC, VECC and SINP. A National Seminar on "Physics and Technology of Novel Materials (PTNM)" was organized through the grant provided under DRS I under SAP of University Grant Commission (UGC) and through the UGC unassigned grant provided to Sambalpur University in the year 2010. As per the provision in the DRS programme the School has to organize seminars on the thrust areas under which this grant is given. Accordingly School has organized a workshop in the thrust area of Nuclear Sciences on 26th March, 2011. In the same way the School is holding the National seminar on the thrust area of Materials and Devices with the same title Physics and Technology of Novel Materials (PTNM II - 2012) during March 10-11, 2012. The present National Seminar will focus the recent advances in theoretical studies, synthesis and characterization of novel materials, which is the most currently pursued area of research in Materials Science and Condensed Matter Physics. The scientific session of the seminar will include invited talks, in-depth discussion and oral/poster presentations of contributory papers. The organizing committee cordially invites interested teacher / scientists / researcher to participate in PTNM II -2012.

CAMPUS

The Sambalpur University Campus, Jyoti Vihar is within 15 km from Sambalpur City, well connected by rail. It is a beautiful campus amidst hills and Hirakud Dam nearby. Weather is normally pleasant in March.

INVITATIONS FOR PAPERS/ ABSTRACTS TO BE SUBMITTED

Soft copies of abstracts (about 300 words including Figures and Tables, if any) of research paper in MS-Word format intended to be presented at PTNM II - 2012 may be submitted electronically to ptnm2012@gmail.com latest by 25th February, 2012. The authors will be required to submit the full paper within one month of the completion of the seminar. Like (PTNM) last seminar, the organizing committee is planning to publish the papers in a special issue of journal after peer review.

TOPICS TO BE COVERED (NOT LIMITED TO)

- Smart Materials
- Synthesis and Characterization of Novel Materials
- Dielectrics and Ferroelectrics
- Multifunctional Materials
- Thin Films,
- Polymers
- Nano Materials
- Carbon Nano Structures / Graphene
- Metamaterials
- High T_c Superconductor and Heavy Fermion Materials
- Wide Bandgap Semiconductor Materials
- Heterojunction of Materials
- Superlattice Materials
- Device Application of Novel Materials
- Bio-Materials

REGISTRATION FEE

Students : Rs. 200/-
Delegates : Rs. 500/-

The payment is to be made by Demand Draft in favor of "Director, National Seminar PTNM" payable at SBI, Jyoti Vihar.

ACCOMODATION

Accommodation will be provided on request. Hotels in Burla / Sambalpur are available at a moderate rate. Persons interested to stay in hotels are requested to inform the organizing secretary in advance and will be charged separately which will be collected at the time of registration. Normally participants will be expected to arrange their own TA. However, limited TA will be provided to outstation participants in II Sleeper Class along the shortest route on request as per the availability of fund.

IMPORTANT DATES

Last Date for Submission of Abstracts: 25.02.2012
Acceptance of Abstracts : 27.02.2012
Last Date for Registration : 29.02.2012

Registration Form

2nd National Seminar

on

"Physics and Technology of Novel Materials"

(PTNM II - 2012)

March 10 - 11, 2012

Name : _____

Designation : _____

Address : _____

Phone : _____

Mobile : _____

E-Mail : _____

Title of the paper : _____

Type of accommodation : _____

Arrival Date and Time : _____

Train/Bus : _____

Departure Date and Time : _____

Train/Bus : _____

Registration Fees Submitted : Yes / No

The Demand Draft should be in favor of "Director, National Seminar PTNM" payable at SBI, Jyoti Vihar.

D.D.No. _____ Date: _____

Amount: _____

Date: _____ Signature _____

(This form can be photocopied and sent)