

## MEETINGS/SYMPOSIUMS/SEMINARS

### COAL-96 International Symposium on Coal: Science, Technology, Industry, Business and Environment

Date: 18–19 November 1996  
Place: Dhanbad

The symposium is being organized to commemorate the Golden Jubilee of Central Fuel Research Institute. Topics include: Coal science, Advanced coal preparation, Advanced coal utilization, Coal chemicals.

Contact: Dr Kotur S. Narasimhan  
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National Steering Committee  
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### 1996 Asia-Pacific Microwave Conference — APMC '96

Date: 17–20 December 1996  
Place: New Delhi

Topics include: Any paper concerned with the utilization and application of microwave theory will be considered.

Contact: Dr R. S. Gupta  
Conference Secretary APMC '96  
Department of Electronic Science  
University of Delhi South Campus  
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### DAE Solid State Physics Symposium

Date: 27–31 December 1996  
Place: Mumbai

Topics include: Phonon physics; Electron states and electronic properties; Magnetism and magnetic properties; Semiconductor physics; Physics of defects and disordered materials; Transport properties; Superconductivity and superfluidity; Liquids, liquid crystals and plastic crystals; Phase transitions and critical phenomena; Surface and interface physics; Non-equilibrium phenomena in solids; Physics of complex systems; Resonance studies and relaxation phenomena; Solid state devices, techniques and instrumentation.

Contact: Dr M. Ramanadham  
Convener, DAE SSPS96  
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### International Seminar on Quaternary Sea-level Variation, Shoreline Displacement and Coastal Environment

Date: 20–26 January 1997  
Place: Thanjavur

Topics include: Inter-glacial sea levels and coastal environmental changes; The record of sea-level changes on continental shelves; Coral reefs and sea-level change; Sediment sources and sinks in coastal zones, particularly sand dunes and estuaries during the Holocene; Coastal changes associated with seismic events; Storm signatures and El Nino events and their impacts on coasts; Exploration, development, refinement and application of new techniques to elucidate the understanding of coastal dynamics.

Contact: Prof. G. Victor Rajamanickam  
Convener, International Seminar  
Department of Earth Sciences  
Tamil University  
Thanjavur 613 005, India  
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### 4th National Seminar on Physics and Technology of Sensors

Date: 3–5 February 1997  
Place: Vallabh Vidyanagar

Topics include: Sensor fundamentals and physics; Sensor materials and their processing; Fabrication techniques; Micromachining and integral sensors; Sensor technology; System and applications; Chemical sensors; Gas and pollution related sensors; Mass sensitive devices; Intelligent smart systems; Industrially important sensors; Agro-based sensors, Automobile sensors, Bio-sensors and biomedical sensors; Interface electronics; Physical sensors: Thermal, magnetic, CNC sensors; Optical fibre-based sensors.

Contact: Prof. N. G. Patel or Ms Vibha S. Vaishnav  
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### 3rd International Symposium on Innovations in Pharmaceutical Sciences & Technology

Date: 7–9 February 1997  
Place: Ahmedabad

Programme summary: I. Plenary and invited lectures (Pharmaceutical technology and novel drug delivery systems, Drug discovery and design, Pharmacokinetics, drug metabolism and clinical pharmacology and Traditional medicine and medicinal plant products). II. Pre-symposium workshops on Oral Controlled Drug Delivery and Drug Discovery – Chemical Approaches. III. Poster

presentations.

Contact: Prof. H. L. Bhalla, Coordinator  
or  
Dr Anisha Pargal, Convenor  
B. V. Patel, PERD Centre, Thaltej  
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### **National Conference on Spectrophysics (NCONS 97)**

Date: 10-12 February 1997  
Place: Chennai

Topics include: Raman spectroscopy; Infrared spectroscopy; Vibrational analysis and molecular structure; Band shapes, dynamics; Band intensities; Macromolecules and Biological systems; Surface and Interfacial phenomenon, SERS; Inorganic materials, matrices; Semiconductors and semiconductor micro structures; Superconductors; Phase transitions; Effects of temperature and pressure; Industrial and medical applications; Pollution analysis; New techniques; Characterization of crystalline & ceramic compounds; Nuclear spectroscopy; Hyperfine structure studies; Laser and laser-based spectroscopy.

Contact: Dr S. Gunasekaran  
Convenor, NCONS 97  
Post Graduate and Research Department of Physics,  
Pachaiyappa's College  
Chennai 600 030, India

### **Seminar on Herbal and Microbial Pesticides**

Date: 14-16 February 1997  
Place: Varanasi

Technical sessions include: 1. Old traditional and indigenous pesticides, 2. Herbal pesticides, 3. Microbial pesticides.

Contact: Dr N. K. Dubey  
Organizing Secretary  
Department of Botany, Banaras Hindu University  
Varanasi 221 005, India

### **Training Course in Palaeoseismology**

Date: 28 March-6 April 1997  
Place: Dehra Dun

A training course is being organized for young scientists/research workers actively involved in studies on seismology, seismotectonics, active tectonics, seismic hazard zonation and related fields involving extensive theory and field work including study of trenches for palaeoseismology. The faculty will include experts from USA, Japan and India.

Contact: Dr S. N. Viridi  
Course Coordinator  
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### **Second Indian National Conference on Harbour and Ocean Engineering (Inchoe-97)**

Date: 8-10 December 1997  
Place: Thiruvananthapuram

Themes include: Marine hydrodynamics, Port engineering and management, Marine structures and materials, Dredging and environmental aspects, Monitoring and instrumentation, Coastal processes and coastal zone management.

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