

Academic Programme (Tentative)

There will be two parallel Sessions .Each will have invited talks and paper presentation.

[A] Physical, Engineering and Earth Atmosphere Ocean Planetary Sciences.

[B] Biological and Medical Sciences.

Programme to be held on March 8 ' 2007

09:30 → **Inauguration**
[Venue: New Auditorium, DAVV Campus, Khandwa Road]
Key note address by Dr. R.Chidambaram Principal
Scientific Advisor to Govt of India.

11:00 to 11:30 → **Tea**

SESSION [A] Invited talks and Paper Presentation

11:30 to 12:15 → **Dr. Sujatha Ramdaroi (T.I.F.R)**
Title: Problems in Number Theory: Simple yet sophisticated.

12:15 to 13:00 → **Prof A.K. Ghatak (Emeritus Professor I.I.T. Delhi)**
Title: Fiber Optics

13:00 to 14:00 → **Lunch**

14:30 to 15:15 → **Dr. D.D. Bhawalkar (Padam Shri Awardee Ex Director RRCAT)**
Title: Laser Applications

15:15 to 16:00 → **Prof M.S.Sodha**
Title: Self Focusing of Electromagnetic Beams in Plasma

16:00 to 16:30 → **Tea**

16:30 to 18:00 → **Paper Presentation**
(6 Papers each of 15 minutes duration.)

SESSION [B] Invited talks and Paper Presentation

11:30 to 12:15 → **Dr. Shekhar Chintamani Mande (Centre for DNA Fingerprinting & Diagnosis)**
Title: Unusual Chaperonins of Mycobacterium
Tuberculosis in search of biological function.

12:15 to 13:00 → **Dr. Javed .N.Agrewala (Institute of Microbial Technology)**
Title: Bi-directional Signaling by CD80 and CD86
Molecules

13:00 to 14:00 → **Lunch**

14:30 to 15:15 → **Dr. Gopal Chandra Kundu (National Centre for all sciences)**
Title: Prognostic and diagnostic significance of oseopontin a member of SIBLING family of Proteins in human Cancers

15:15 to 16:00 → **Dr. S.K. Podder (IISC)**
Title : Chemical recognition in biology and mechanistic study on ribosome inactivating Protein from plants for the development of immunotoxin as Cancer Therapy.

16:00 → **Tea**

16:15 to 17:00 → **Prof. S.K. Brahmachari**
Institute of Genomics & Integrator Biology

17:00 to 18:00 → **Paper Presentation**

Programme to be held on March 9 ' 2007

SESSION [A] Invited talks and Paper Presentation

09:30 to 10:15 → **Dr.S.Ramakrishnan (IISC)**
Title: Structural Fine tuning of Polymeric Systems

10:15 to 11:00 → **Dr.Pulak Sengupta (Jadavpur University)**
Title: Decoding the Earth's History -Petrologists Perspective

11:00 to 11:30 → **Tea**

11:30 to 12:15 → **Dr.Gufran-Ullah Beig (Indian Institute of Tropical Meteorology)**
Title: Global Climate Change

12:15 to 13:00 → **Technical Session [to be finalized]**

13:00 to 14:00 → **Lunch**

14:30 to 16:00 → **Paper Presentation**

16:00 to 16:30 → **Tea**

16:30 to 18:00 → **Paper Presentation**

19:00 → **Cultural Programme**

SESSION [B] Invited talks and Paper Presentation

9:30 to 10:15 → **Dr.Vinod Bhakuni (C D R I)**
Title: Domain Structure in Protein and the Modulation of Functional activity.

10:15 to 11:00 → **Dr.Valipe Ramgopal Rao (I.I.T. Bombay)**
Title: Development of a Bio-Nano system for Cardiac Diagnostics

11:00 to 11:30 → **Tea**

11:30 to 12:15 → **Dr.Anil .K.Mandal , L.V. Prasad Eye**
Title: The Integrated management of new born glucoma

12:15 to 13:00 → **Dr.S.K.Sainis , BARC**
Title : Ant apoptotic and Immunomodulatory Properties of an antioxidant chlorophyllin

13:00 to 14:00 → **Lunch**

14:30 to 16:00 → **Paper Presentation**

16:00 to 16:30 → **Tea**

16:30 to 18:00 → **Paper Presentation**

19:00 → **Cultural Programme**

Programme to be held on March 10 ' 2007

SESSION [A] Invited talks and Paper Presentation

- 09:30 to 10:15 → **Prof M.S.Sodha (Padam Shri Awardee , ex-Dy. Dir. IIT Delhi , ex VC Indore, Lecturer Bhopal)**
Title: 1. Self Focusing of Electromagnetic Beams in Plasma
2. Physics Courses-What to do.
- 10:15 to 11:00 → **Dr.R.S.Sirohi , Vice Chancellor , Barkatullah University**
Title:
- 11:00 to 11:30 → **Tea**
- 11:30 to 12:15 → **Technical Session, Dr. Rajeeva L Karandikar , Executive Vice President Analytics**
- 12:15 to 13:00 → **Technical Session [to be finalized]**
- 13:00 to 14:00 → **Lunch**
- 14:30 to 14:30 → **Poster Presentation**
- 14:30 to 16:00 → **Paper Presentation**
- 16:00 to 16:30 → **Tea**
- 16:30 to 18:00 → **Concluding Session**

SESSION [B] Invited talks and Paper Presentation

- 9:30 to 10:15 → **Dr.Chinmoy Sankar Dey (NIPER)**
Title:
- 10:15 to 11:00 → **Dr.G.Pal , Modern Dental College**
Title: The Vertical Stability of the Human Spine
- 11:00 to 11:30 → **Tea**
- 11:30 to 12:15 → **Dr.Virender. S.Sangwan , L.V. Prasad Eye Institute**
Title:
- 12:15 to 13:00 → **Dr.Kalyanmoy Deb (I.I.T. Kanpur)**
Title: Multiobjective Evolutionary Optimization for Scientific &Engineering problem solving
- 13:00 to 14:00 → **Lunch**
- 14:00 to 14:45 → **Dr. Subhasis Choudhary , Depv. Of Electrical Engineering I.I.T. Pawai , Bombay**
- 14:45 to 16:00 → **Paper Presentation**
Titel : Making best use of blurry vision
- 16:00 to 16:30 → **Tea**
- 16:30 to 18:00 → **Concluding Session**

