



THE NATIONAL ACADEMY OF SCIENCES, INDIA

(The First Science Academy of India)

Mumbai Chapter



In association with

**B. K. Birla College of Arts, Science and Commerce(Autonomous),
Kalyan, Maharashtra**

Organizing (in hybrid mode)

Seminar-cum-Panel Discussion on:

**Theme-1: Innovation and Research in Basic and Applied Sciences
for the Benefit of Society**

Day & Date: Saturday, 15th July, 2023 (10:15 – 16:30 hrs)

Venue: New Seminar Hall, BKBC, Kalyan

Join Virtually on :  <http://surl.li/iylrg>

Programme Schedule:
Chief Guest
Prof. R. K. Shevgaonkar

(Professor Emeritus, Electrical Engineering, IIT Bombay; Provost, Somaiya Vidya Vihar University;
Ex-VC, Savitribai Phule Pune University & Bennett University; Ex-Director, IIT Delhi)

10:15 – 11:00 Welcome (Prof. Maninder Dhaliwal , BKBC, Programme Coordinator)

Principal's Remarks (Prof. Avinash Patil, Principal, BKBC, Kalyan)

Director's Remarks (Prof. Naresh Chandra, Director, BKBC, Kalyan)

Chairman's Remarks (Prof. Anil K. Singh, Chairman, NASI-MC)

Chief Guest's Inaugural Address: Prof. R. K. Shevgaonkar (Provost, Somaiya Vidya Vihar University, Professor Emeritus, Electrical Engineering Department, IIT Bombay, Ex-VC of Savitribai Phule Pune University & Bennett University, Ex-Director, IIT Delhi)

11:00 – 13:30 Invited Talks

(1) 'The microscopes of the 21st century' (Prof. Yogendra Sharma, Professor, Biological Sciences, and Dean, IISER Berhampur)

(2) 'Development of fluorescent probes for diagnostics and biomedical applications' (Prof. Atul Goel, Chief Scientist & Professor (AcSIR) CSIR-CDRI Lucknow)

(3) 'Diamond for Scientific and Industrial Applications' (Prof. Padmnabh Rai, School of Physical Sciences, UM-DAE CEBS, Mumbai)

(4) 'Water Purification' (Dr. Soumitra Kar, Scientific Officer-G, Desalination Division, BARC, Mumbai)

(5) 'Current advances in CO₂ capture and its utilization' (Prof. Arnab Dutta, Department of Chemistry & Interdisciplinary Programme in Climate Studies, IIT Bombay)

14:30 – 15:30 Panel Discussion & Concluding Remarks:

Chair: Prof. J. P. Mittal (Chairman, Academic Board, UM DAE CEBS & Past-President, NASI).

Vote of Thanks: Prof. P. A. Hassan (Secretary, NASI-MC)

15:30 – 16:30 Project Demonstration by students (Coordinator: Prof. M. Dhaliwal)

Programme concludes with National Anthem

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