From,
Dr. Vishnu Shanker
Workshop Coordinator
Assistant Professor
Department of Chemistry
NIT-Warangal

To,
Coordinator,
Science Education Programme,
Indian Academy of Science
Bangalore


Dear Sir,
Warm greetings to you. Thank you for cooperation and suggestion, with that we have successfully conducted the Science Academies Lecture Workshop on Current Trends in Nanoscience and Technology during 23rd and 24th December 2011 at Department of Chemistry, National Institute of Technology. Congratulations to you also. We had very good experience and got very good response from participants and comments. It was attended by 150 participants (in this figure our faculty and students are not included) and they have appreciated all the lectures given by our expert team from IITs, JNCASR and Central University Hyderabad. The lectures were given by Prof. A K Ganguli (IIT Delhi), Prof. G U Kulkarni (JNCASR Bangalore), Prof. T Pradeep (IIT Chennai), Prof. Charusita Chakaravraty (IIT Delhi) and Dr. Ghanshyam Krishna (Central University Hyderabad). Dr. Deepa Khuslani (TIFR Mumbai) and Dr Laxmi Kantam (IICT Hyderabad) has not turn up due unfortunately they met with bad health during workshop period. Apart from that it was very successful.
### Programme Sheet

**Day 1: Friday, 23rd December, 2011**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Dignitaries</th>
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<tbody>
<tr>
<td>08:00 - 09:00</td>
<td>Registration</td>
<td>Dr. P V Sri Lakshmi&lt;br&gt;Dr. Mrs. M. Amaravathi&lt;br&gt;Mrs. P. Kavita&lt;br&gt;Ms. S. Vijaya Lakshmi&lt;br&gt;Mrs. A. Rajini&lt;br&gt;Mr. M. Narsimha Reddy&lt;br&gt;Mr. T. Surendar</td>
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<td>In front of Conference Hall</td>
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<tr>
<td>09:00 - 09:45</td>
<td>Inaugural Session&lt;br&gt;Venue: Conference Hall</td>
<td>Inaugural Session Coordinator&lt;br&gt;Faculty of NITW</td>
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<td>09:00 - 09:05</td>
<td>Lighting of Lamp &amp; Patriotic songs&lt;br&gt;Presentation of Bouquets by students</td>
<td>Chief Guest &amp; Patron: Director&lt;br&gt;Guest of Honour&lt;br&gt;Workshop Convener&lt;br&gt;Chairman: Dean R &amp; C&lt;br&gt;President: HOD, Chemistry</td>
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<td>09:05 - 09:10</td>
<td>Welcome Address by Chairman</td>
<td>Prof. B V Appa Rao&lt;br&gt;Dean R &amp; C</td>
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<td>09:10 - 09:15</td>
<td>Inaugural Speech and opening of Lecture Workshop</td>
<td>Prof. T Srinivas Rao&lt;br&gt;Director, NITW</td>
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<td>09:15 - 09:25</td>
<td>Speech by Guest of Honour</td>
<td>Prof. T Pradeep&lt;br&gt;IIT, Chennai</td>
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<td>09:25 - 09:35</td>
<td>Speech by Convenor</td>
<td>Prof. A K Ganguli&lt;br&gt;IIT, Delhi</td>
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<td>09:35 - 09:40</td>
<td>Speech by President</td>
<td>Prof. K Laxma Reddy&lt;br&gt;HOD, Chemistry</td>
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<td>09:40 - 09:45</td>
<td>Vote of Thanks</td>
<td>Dr. Vishnu Shanker&lt;br&gt;Workshop Coordinator</td>
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Photograph in front of Admin Building (09:45 - 10:00)
HIGH TEA (10:00-10:30)

Morning Technical Sessions

10:30 - 11:30 Glowing molecules of gold
Chairperson: Prof. B V Appa Rao, NIT Warangal
Session Coordinator: Dr. K V Gobi, NIT Warangal

11:30 - 12:30 Introduction to Nanoscience & Nanotechnology
Chairperson: Prof. A K Ganguli
Session Coordinator: Prof. IIT, Delhi

Chairperson: Dr. Deepa Khushlani
Session Coordinator: TIFR, Mumbai

LUNCH (13:30-14:30)

14:30 - 17:45 Afternoon Session

Chairperson: Dr. (Ms.) B Rajitha, NIT Warangal
Session Coordinator: Dr. P V Srilakshmi, NIT Warangal

14:30 - 15:30 Graphene ribbons
Chairperson: Prof. G U Kulkarni
Session Coordinator: JNCASR, Bangalore

TEA BREAK (15:30-15:45)

Chairperson: Prof. I Ajit Kumar Reddy, NIT Warangal
Session Coordinator: Dr. V Rajeswara Rao, NIT Warangal

15:45 - 16:45 Affordable clean water using nanotechnology
Chairperson: Prof. T Pradeep
Session Coordinator: IIT, Chennai

16:45 - 17:45 The ‘Indium’ challenge: New generation transparent conducting electrodes
Chairperson: Prof. G U Kulkarni
Session Coordinator: JNCASR, Bangalore

DAY 2 Saturday, 24th December, 2011

Morning Session

09:00 – 13:30

Chairperson: Prof. A Ramchandraiah, NIT Warangal
Session Coordinator: Dr. V Narayanan, NIT Warangal

9:00 – 10:30 Computational Methods in Nanoscience
Chairperson: Prof. Charusita Chakarvart, IIT, Delhi

10:30 – 11:30 Microemulsions as nanoreactors for designing nanomaterials
Chairperson: Prof. A K Ganguli
Session Coordinator: IIT, Delhi

TEA BREAK (11:30-11:45)

Chairperson: Prof. G V P Chandramouli, NIT Warangal
Session Coordinator: Dr. K V Gobi, NIT Warangal

11:45 – 13:30 Design of Novel Nanosized Catalytic Materials for Energy Utilization and Environmental Pollution Control
Chairperson: Prof. G V P Chandramouli, IIT, Delhi

LUNCH (13:30 – 14:30)

14:30 – 17:00 Afternoon Session

Chairperson: Prof. P Nageswara Rao, NIT Warangal
Session Coordinator: Dr. V Rajeswar Rao, NIT Warangal

14:30 – 16:00 Thin films: Nanostructured and nanostructuring
Chairperson: Dr. Ghanshyam Krishna
Session Coordinator: UoH, Hyderabad

16:15 – 17:00 VALEDICTORY SESSION