FELICITATION

of
INTERNATIONAL OLYMPIAD MEDALLISTS, 2016
in the sciences and mathematics

Thursday, December 22, 2016

SCIENTIFIC PROGRAMME: 09.30 to 11.30 hrs
Expository lectures by eminent scientists
AWARD CEREMONY: 12.00 to 13.30 hrs

An event organized by HBCSE (TIFR) in association with the Infosys Foundation & the TIFR Endowment Fund.

Homi Bhabha Centre for Science Education
Tata Institute of Fundamental Research
V. N. Purav Marg, Mankhurd, Mumbai – 400 088
Tel: 022-2556 2132, 2558 0036; Fax: 2558 5660, 2556 6803
URL: http://www.hbcse.tifr.res.in
OLYMPIADS IN MATHEMATICS, SCIENCES AND INFORMATICS

The International Olympiads in mathematics, physics, chemistry, biology, astronomy, astrophysics, junior science, earth science and informatics are annual academic competitions to stimulate and challenge bright young pre-university students. The aims of the International Olympiads are to promote academic excellence and also to foster friendship among students and teachers of different countries. India started participating in International Olympiads in mathematics from 1989, in physics, chemistry, biology, astronomy and informatics about a decade later, followed by participation in Earth Science Olympiad and Junior Science Olympiads. India hosted the International Mathematical Olympiad (1996), the International Chemistry Olympiad (2001), International Astronomy Olympiad (2006), International Biology Olympiad (2008), International Earth Science and Junior Science Olympiads (2013), International Physics Olympiad (2015) and the International Olympiad on Astronomy and Astrophysics (2016).

The Indian Olympiad programme typically involves three stages of selection. The first stage selects a few hundred students from among thousands who appear for the preliminary examinations all over the country. The second stage is the Indian National Olympiads – the most challenging contests in mathematics and sciences at the pre-college level held in the country. About 35 national Olympiad winners in each subject undergo training and testing every summer at the Homi Bhabha Centre for Science Education (HBCSE), Tata Institute of Fundamental Research (TIFR), after which the Indian teams are selected to represent the country at the International Olympiads. The Informatics Olympiad training camp is held at The International School, Bengaluru. The Earth Science Olympiad camp is held at Bengaluru or Chennai, while the Junior Astronomy Camp is held at the Nehru Science Centre, Mumbai.

HBCSE (TIFR) is the nodal agency for implementing the Olympiad programme in mathematics, physics, chemistry, biology, astronomy and astrophysics, and junior science. The first stage of the science Olympiads is carried out by the Indian Association of Physics Teachers (IAPT) with support from teacher associations of chemistry and biology. The second and higher stages are carried out by HBCSE with support from teachers and scientists nationwide. In the mathematics Olympiads, carried out by HBCSE under the aegis of National Board of Higher Mathematics (NBHM), the first stage is de-centralised. The Informatics Olympiad Programme is carried out by the Indian Association for Research in Computing Science (IARCS). The Earth Science Olympiad Programme is carried out by the Geological Society of India (GSI).

The Science Olympiad Programme in India is funded by the Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy (DAE), Department of Science and Technology (DST) and Ministry of Human Resource Development (MHRD). The Mathematics Olympiad Programme is funded by NBHM (DAE) and MHRD. The Astronomy Olympiad Programme is funded by DAE, Department of Space (DOS), and by the National Council of Science Museums (NCSM). The Informatics Olympiad is funded by Indian Association for Research in Computing Science (IARCS), Sasken Communication Technologies Ltd and TCS iON (a division of Tata Consultancy Services). The Earth Science Olympiad Program is funded by the Ministry of Earth Sciences (MoES). The Junior Science Olympiad program is funded by MHRD and by HBCSE (TIFR) through its Plan funds.
Felicitation of International Olympiad Medallists, 2016

Indian students have been doing consistently well at the International Olympiads. The performance of the teams in 2016 was: Physics (3 Gold, 2 Silver); Chemistry (2 Gold, 2 Silver); Biology (1 Gold, 3 Silver); Mathematics (1 Silver, 5 Bronze); Astronomy (Jr.) (2 Silver, 1 Bronze); Astronomy and Astrophysics (2 Gold, 4 Silver, 2 Bronze, 1 H.M); Junior Science (5 Gold, 1 Silver); Informatics (2 Silver, 2 Bronze); Earth Science (3 Bronze). Out of the 45 students who were sent to various Olympiads, 43 won either a gold, silver or bronze medals. The best of our Olympiad students are comparable with the best in the world and we are justifiably proud of them.

ACKNOWLEDGEMENTS

In 2002, Infosys Foundation instituted awards to Indian medalists in the International Olympiads. The awards consist of a cash prize of Rs. 15,000/-, the grant for which has been given to the TIFR Endowment Fund. HBCSE (TIFR) expresses its deep gratitude to Smt. Sudha Murty, Chair, Infosys Foundation for her spontaneous and generous response to the Institute’s request for this support. We also thank the TIFR Endowment Fund for their pro-active interest in the Olympiad programme.

The Government of India has been generously supportive of the Olympiad programme through its various agencies as listed above. We are thankful for this support and for the support for the Informatics Olympiad by the agencies listed. Finally, it is a pleasure to thank the Indian Association of Physics Teachers (IAPT), the Association of Teachers in Biological Sciences (ATBS), the Association of Chemistry Teachers (ACT), Indian Physics Association (IPA), National Council of Educational Research and Training (NCERT), CBSE, IARCS, GSI, NCSM and the large number of scientists and teachers from different institutions across the country for their enthusiastic collaboration in this exciting activity.

K. Subramaniam
Chair, National Steering Committee
Science and Astronomy Olympiads.
Morning Session
Expository Lectures by Eminent Scientists
Lecture 1 (9:30 to 10:30 hrs)

Prof. Sanjay Sane
Associate Professor, National Center for Biological Sciences

Insects as Architects: how insects engineer our ecosystems
Engineering is not a uniquely human trait. Even a cursory look at our backyard can reveal a staggering variety of structures engineered by insects and other animals. These structures emerge from the coordinated activity of many individuals, or sometimes even a solitary individual. Like human-built structures, they require tremendous coordination, constant maintenance, rapid responses to environmental changes etc. My seminar will use termite mounds as an example of animal engineering. Specifically, I will describe our recent attempts at understanding how these fascinating insects are able to build enormous structures through coordinated activity. How do they recognise and repair damage to these structures? What sensory cues guide them in these tasks? And finally, what lessons can we learn from these marvellous structures about energy-efficient, waste-free civil engineering? These are some of the questions I will address in my talk.

About the Speaker

Prof. Sanjay Sane obtained a B.Sc. in Physics, Chemistry and Mathematics from St. Stephens College, University of Delhi and a Master’s in Physics from University of Poona, with a specialization in Astrophysics and Nonlinear Dynamics. His childhood fascination for insects drew him to study the aerodynamics of insect flight as a Ph.D. student at the University of California, Berkeley. He served as a Post-Doctoral Research Fellow at University of Washington, Seattle, before joining the National Center for Biological Sciences (NCBS), Bangalore where he is currently an Associate Professor.

Lecture 2 (10:30 to 11:30 hrs)

Prof Mahan Mj.
Tata Institute of Fundamental Research

What is hyperbolic geometry?

We shall indicate a solution to a problem posed by Euclid: Prove or disprove the parallel postulate assuming only the first 4 axioms of Euclidean geometry. The solution leads to a new geometry called hyperbolic geometry. We shall only assume some familiarity with calculus.
Felicitation of International Olympiad Medallists, 2016

About the Speaker

Prof. Mahan Mitra joined the PhD program in mathematics at University of California, Berkeley with Andrew Casson as his advisor. He received the Earle C. Anthony Fellowship, U.C. Berkeley in 1992–1993 and the prestigious Sloan Fellowship for 1996–1997. After earning a doctorate from the University of California at Berkeley in 1997, he worked briefly at the Institute of Mathematical Sciences in 1998. Spiritually inclined, he joined the Ramakrishna Math as a renunciate upon being impressed by the life and work of the Vedantic philosopher Ramakrishna Paramahansa. His initial name was Brahmachari BrahmaChaitanya. He was renamed as Swami Vidyanathananda after receiving his saffron robe in 2008. Swami Vidyanathananda is a monk at the order's headquarters at Belur Math. He was Professor of Mathematics and Dean of Research at the Ramakrishna Mission Vivekananda University till 2015. He is currently Professor of Mathematics at Tata Institute of Fundamental Research Mumbai.

He has widely published and presented his research in the area of hyperbolic manifolds and ending lamination spaces. His most notable work is the proof of existence of Cannon-Thurston maps. This led to the resolution of the conjecture that connected limit sets of finitely generated Kleinian groups are locally connected. He is also the author of a book titled Maps on boundaries of hyperbolic metric spaces.

Afternoon Session (12 : 00 – 13 : 30 hrs.)

Address & Award distribution
by Mr. K. N. Vyas, Director, B.A.R.C

Mr. K. N. VYAS

Mr. K.N. Vyas is a Mechanical Engineering graduate from MS University, Vadodara. After completion of the training in the 22nd Batch of the BARC Training School in 1979, he joined Fuel Design & Development Section of Reactor Engineering Division of BARC. Mr. Vyas has worked for design & analysis of nuclear reactor fuels. He was also responsible for design & development of a novel fuel for strategic applications. He has worked extensively in thermal hydraulics and stress analysis of critical reactor core components. Mr. Vyas, as an engineer, has played a key role for completion of strategic projects. Mr. Vyas has also participated in design & analysis of the Test Blanket Module planned to be installed in ITER, France.

Mr. Vyas has been conferred several awards, which include Indian Nuclear Society Outstanding Service Award 2011, Homi Bhabha Science and Technology Award 2006, DAE Awards in the years 2007, 2008, 2012 and 2013. He is also a Fellow of the Indian National Academy of Engineers.

Mr. Vyas, as Director, BARC is committed to focus on work related to societal applications. Mr. Vyas will also continue to further the research activities being carried out in the basic and applied areas.
INDIAN DELEGATION TO THE 57th INTERNATIONAL MATHEMATICAL OLYMPIAD 2016

The following team represented India at the 57th International Mathematical Olympiad held at Hong Kong during July 6 – 16, 2016.

**Students**

1. Kapil Pause  
   Flat No : S-3, Ish Krupa Co-op. HSG. Society,  
   Kakoda, Curchorem - Goa – 403706  
   Silver

2. Sutanay Bhattacharya  
   Jhapor More, (Daruka Complex),  
   bishnupur, Bankura,  
   West Bengal  
   Bronze

3. Madhusudhan Reddy P.  
   Koritepadu 4th Lane end of the street  
   Pincode: 522007  
   Bronze

4. Supravat Sarkar  
   99A, Indra Palli,  
   Ward No-3, Arambaugh,  
   Hooghly, Pin-712601  
   Bronze

5. Anant Mudgal  
   H. No : 2237, Sector – 28,  
   Faridabad, Haryana-121008  
   Bronze

6. Deepesh Singhal  
   flat no 801, block no 9,  
   Hill Ridge Springs, Gachibowli,  
   Hyderabad-500032.  
   Bronze

**Leaders and Scientific Observers**

1. Dr. Prithwijit De  
   Mathematical Olympiad Cell,  
   HBCSE, TIFR, Mumbai  
   Leader

2. Prof Udayan M. Prajapati  
   Department of Mathematics  
   St. Xavier's College, Navrangpura  
   Ahmedabad - 380 009.  
   Deputy. Leader
INSTITUTIONAL OLYMPIAD MEDALLISTS, 2016

3. Prof. B. Sury
   Scientific Observer
   Stat Math Unit,
   Indian Statistical Institute
   8th Mile Mysore Road
   RV College Post
   Bangalore 560059

4. Shri. Alok Kumar
   Scientific Observer
   C/o Dr Vindu Amitabh
   B 5/3/1 Multi Storey Apartments
   Sector 13, R K Puram
   New Delhi - 110 066

INDIAN DELEGATION TO THE 47th INTERNATIONAL PHYSICS OLYMPIAD 2016

The following team represented India at the 47th International Physics Olympiad held at Zurich, Switzerland during July 11 - 17, 2016.

<table>
<thead>
<tr>
<th>Students</th>
<th>Medals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Debaditya Pramanik</td>
<td>Gold</td>
</tr>
<tr>
<td>2A1 Brook Tower, Hiland Park, 1925 Chak Garia, Kolkata, West Bengal – 700094</td>
<td></td>
</tr>
<tr>
<td>2. Gowtham Amirthya Neppoleon</td>
<td>Gold</td>
</tr>
<tr>
<td>88, Erode Main Road, Perundurai, Erode District, Tamil Naidu – 638052</td>
<td></td>
</tr>
<tr>
<td>3. Preey Shah</td>
<td>Gold</td>
</tr>
<tr>
<td>C-405, New Sarvottam Society, Irla Bridge, S.V. Road, Andheri Mumbai – 400058</td>
<td></td>
</tr>
<tr>
<td>4. Divyansh Garg</td>
<td>Silver</td>
</tr>
<tr>
<td>143, Krishna Vihar, Gopalpura bypass, Jaipur Rajasthan – 302018</td>
<td></td>
</tr>
</tbody>
</table>
5. Manan Bhatia
   1/8 Shivsthali, 1, Faizabad road,
   Opposite I. T. College,
   Lucknow – 226007

Leaders, Scientific Observer & Visitors

1. Prof. Anwesh Mazumdar
   HBCSE (TIFR), Mumbai
   Leader

2. Mr. Shirish Pathare
   HBCSE (TIFR), Mumbai
   Leader

3. Prof. Rekha Ghorpade
   Ramniranjan Jhunjhunwala College
   of Arts, Science & Commerce,
   Ghatkopar
   Scientific Observer

4. Prof. P. K. Jena
   Bhubaneswar
   Scientific Observer

INDIAN DELEGATION TO THE 48th INTERNATIONAL CHEMISTRY OLYMPIAD 2016

The following team represented India at the 48th International Chemistry Olympiad held at Tbilisi, Georgia during July 23 - August 01, 2016.

Students

1. Valay Agarawal
   B-35, Gole market flats,
   Jawahar Nagar, Jaipur – 302004
   Gold

2. Utkarsh Gupta
   NBH – 4, PH – 1 Gail Complex,
   Vijaipur, Guna,
   Madhya Pradesh – 473112
   Gold
### Felicitation of International Olympiad Medallists, 2016

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Medal</th>
<th>Address</th>
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<tr>
<td>3</td>
<td>Kartik Patekar</td>
<td>Silver</td>
<td>23, Ganga devi nagar, Near Vijaynagar, Indore, Madhya Pradesh – 452001</td>
</tr>
<tr>
<td>4</td>
<td>Sharvik Mital</td>
<td>Silver</td>
<td>B-85, Sagar Royal Homes, Hoshangabad road, Near Ashima Mall, Bhopal, Madhya Pradesh – 462026</td>
</tr>
</tbody>
</table>

#### Leaders and Scientific Observers

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Role</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prof. A. A. Natu</td>
<td>Leader</td>
<td>IISER, Pune</td>
</tr>
<tr>
<td>2</td>
<td>Prof. Avinash Kumbhar</td>
<td>Leader</td>
<td>University Of Pune</td>
</tr>
<tr>
<td>3</td>
<td>Prof. Anindya Dutta</td>
<td>Scientific Observer</td>
<td>IIT Bombay</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Ankush Gupta</td>
<td>Scientific Observer</td>
<td>HBCSE (TIFR), Mumbai</td>
</tr>
</tbody>
</table>

### INDIAN DELEGATION TO THE 27th INTERNATIONAL BIOLOGY OLYMPIAD 2016

The following team represented India at the 27th International Biology Olympiad held at Hanoi, Vietnam during July 17 - 24, 2016.

#### Students

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Medal</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lajjaben Patel</td>
<td>Gold</td>
<td>Paaranu Hospital, Sardar Complex, Kadodara Char Rasta, Kadodara, Surat, Gujarat – 394327</td>
</tr>
</tbody>
</table>
2. Spandan Roy  
Balaka Apartment,  
2nd floor ‘B’, 2 No Natun Gram Road,  
Sahem Bagan, Shyamnagar,  
North 24 Parganas,  
West Bengal – 743127  
Silver

3. Tanish Modi  
H. No. 621 (first floor),  
Sector – 16D,  
Chandigarh – 160015  
Silver

4. Vidushi Varshney  
34/507 Pratap Nagar Ganaganer,  
Jaipur, Rajasthan – 302033  
Silver

Leaders and Scientific Observers

1. Prof. Dharmendra Shah  
M. S. University, Baroda  
Leader

2. Prof. Rekha Vartak  
HBCSE (TIFR), Mumbai  
Leader

3. Ms. Anupama Ronad  
HBCSE (TIFR), Mumbai  
Scientific Observer

4. Mr. Vikrant Ghanekar  
HBCSE (TIFR), Mumbai  
Scientific Observer
INDIAN DELEGATION TO THE 21st INTERNATIONAL ASTRONOMY OLYMPIAD 2016

The following team represented India at the 21st International Astronomy Olympiad held at Plovdiv-Pamporovo (Bulgaria) during October 5 – 13, 2016.

Students

1. Mulinti S Wajid
   H.No: 28-768-14-3-L, Lalitha Nagar, Nandyal, Kurnool, Andhra Pradesh-518502
   Silver

2. Prashant A Gokhale
   A/203, Jai Ghanshyam Society, Tejpal Schm Lane 3, Vile Parle (East), Mumbai, Pin: 400057
   Silver

3. Harshit Khandelwal
   1409, Scheme number - 114 Part-1, Indore, Madhya Pradesh-452010,
   Bronze

Leaders, Scientific Observer & Visitors

1. Dr. Kanchan Chowdhury
   National Council of Science Museums
   33, Block-GN, Sector V, Bidhan Nagar, Kolkata, West Bengal – 700091
   Leader

2. Madan Gopal Krishnappa
   No 22, 2nd cross, AnubhavaNagar, Nagarbhavi Main Road
   Bangalore-560072
   Leader
Felicitation of International Olympiad Medallists, 2016

INDIAN DELEGATION TO THE 10th INTERNATIONAL OLYMPIAD ON ASTRONOMY AND ASTROPHYSICS 2016

The following team represented India at the 10th International Olympiad on Astronomy and Astrophysics held at Bhubaneswar, India during December 9 – 19, 2016.

**Guest Team:**

<table>
<thead>
<tr>
<th>Students</th>
<th>Medals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Yash M Mehta</td>
<td>Silver</td>
</tr>
<tr>
<td>503, Navkar Apartment,</td>
<td></td>
</tr>
<tr>
<td>Near Corner Point,</td>
<td></td>
</tr>
<tr>
<td>Maitry Row House Road,</td>
<td></td>
</tr>
<tr>
<td>Citylight Surat, Gujarat – 395007</td>
<td></td>
</tr>
</tbody>
</table>

| 2. Lakshay Sharma         | Bronze     |
| Roongta Villa 297,        |            |
| Old Rajeev Gandhi Nagar Kota, |          |
| Rajasthan – 324005        |            |

| 3. Devansh Shringi        | Bronze     |
| 38, Rajeev Gandhi Nagar Second Floor, |   |
| Kota, Rajasthan – 324005  |            |

| 4. P. Pavan Chaitanya     | Hon'ble Mention |
| 9-5-32, SBI Colony,       |               |
| Champapet Hyderabad – 500079 |         |

| 5. Jaidev Ashok           |            |
| B-402 CAPRI, Hiranandani Estate, | |
| Patlipada, Ghodbander Road, |   |
| Thane(W) - 400607         |            |

**Official Team:**

<table>
<thead>
<tr>
<th>Students</th>
<th>Medals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Ameya Patwardhan</td>
<td>Gold</td>
</tr>
<tr>
<td>B 106, Greenfield CHSL,</td>
<td></td>
</tr>
<tr>
<td>Plot 8 Sector 16A, Vashi,</td>
<td></td>
</tr>
<tr>
<td>Navi Mumbai – 400703</td>
<td></td>
</tr>
</tbody>
</table>

| 2. Anand Iyer             | Gold       |
| E7/313, 201 Rachnakunj Apts., |          |
| SBI Housing Society, Arera Colony |    |
| Bhopal – 462016           |            |
3. Neel Karia
A-1008,
Ashok Tower Dr. Babasaheb Ambedkar Road,
Parel (E), Mumbai – 400012

4. Aditya Sharma
T-21K, T Block, Ground floor,
Park Elite Floors Sector 75,
Greater Faridabad, Haryana – 121004

5. R. Nikhil Reddy
1-9-129/17/J,
St. No.19 Ramnagar,
Hyderabad – 500020

Leaders and Scientific Observers

1. Najam Hasan
Apt. No 101, Desires Panorama,
M.L.A. Colony, Road No 12,
Banjara Hills, Hyderabad – 500032

2. Vinayak Katdare
404, Yashraj, Sir Bhalchandra Marg,
against 4 th road, Hindu Colony,
Dadar (E), Mumbai 400014

3. Manojendu Choudhury
3D Kedarnath,
Anushaktinagar, Mumbai – 400094

4. Swapnil Jawkar
B/14 Ravikiran,
Near Taran Talav,
Kalwa(W), Thane – 400605

5. Prasad Adekar
13, Matruchhaya Niwas,
Nehru nagar, Kanjur Marg (east),
Mumbai – 400042

6. Tejas Shah
JN4/12/8, sector 9, vashi,
Navi Mumbai – 400703
INFORMATION ON THE 28TH INTERNATIONAL OLYMPIAD IN INFORMATICS 2016

The following team represented India at the 28th International Olympiad in Informatics held at Kazan, Russia during August 12 - 19, 2016.

**Students**

1. Rajat De
   Room Number G17, Students' Hostel
   Chennai Mathematical Institute
   H1, SIPCOT IT Park
   Siruseri, Kelambakkam – 603103
   
   Silver

2. Srijon Mukherjee
   Villa-1, ATS-Greens 1
   A86 Sector-50
   Noida, UP 201301
   
   Silver

3. Malvika Raj Joshi
   B 106 Iris, Dosti Acres,
   Uphill Link Road, Wadala East
   Wadala East, Mumbai 400037
   
   Bronze

4. Sampriti Panda
   Plot No – 3C/241,
   Sector 9, C.D.A.,
   Cuttack, Odisha 743014
   
   Bronze

**Leaders, Scientific Observer & Visitors**

1. Prof. Madhavan Mukund
   Leader
   Chennai Mathematical Institute
   H1 SIPCOT IT Park
   Siruseri, Kelambakkam 603103

2. Prof. Arjun Arul
   Deputy Leader
   Chennai Mathematical Institute
   H1 SIPCOT IT Park
   Siruseri, Kelambakkam 603103
Felicitation of International Olympiad Medallists, 2016

INDIAN DELEGATION TO THE 10th INTERNATIONAL EARTH SCIENCE OLYMPIAD 2016

The following team represented India at the 10th International Olympiad on Earth Science held at Mie, Japan, during August 20 – 27, 2016.

<table>
<thead>
<tr>
<th>Students</th>
<th>Medals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aditya Pal</td>
<td>Silver</td>
</tr>
<tr>
<td>40 Kalitala link Road,</td>
<td></td>
</tr>
<tr>
<td>Haltu Purbachal,</td>
<td></td>
</tr>
<tr>
<td>P.O:Haltu,P.S:Garfa</td>
<td></td>
</tr>
<tr>
<td>Kolkata-700078</td>
<td></td>
</tr>
<tr>
<td>Amarjeet Pandde</td>
<td>Silver</td>
</tr>
<tr>
<td>2, someshwar Apartments,</td>
<td></td>
</tr>
<tr>
<td>near gurukul Society, opposite uday nagar,</td>
<td></td>
</tr>
<tr>
<td>panchpakhadi,</td>
<td></td>
</tr>
<tr>
<td>Thane - West. Pin code 400602</td>
<td></td>
</tr>
<tr>
<td>Guhan Narayanan</td>
<td>Silver</td>
</tr>
<tr>
<td>s/o R. Narayanan</td>
<td></td>
</tr>
<tr>
<td>B - 204, Bairavi Dhrupad</td>
<td></td>
</tr>
<tr>
<td>New Thippasandra Main Road</td>
<td></td>
</tr>
<tr>
<td>Bangalore 560075</td>
<td></td>
</tr>
</tbody>
</table>

Leaders, Scientific Observer & Visitors

1. Dr. K.S. Godhavari        
   Secretary 
   Geological Society of India 
   No.63, 12th Cross, Basappa Layout Gavipuram, 
   Bangalore - 560 019  
   IESO Observer

2. Dr. Hema Achyuthan        
   Prof. and national coordinator, Mentor (IESO) 
   Department of Geology 
   Anna University, Chennai 600 025
   National Coordinator, IESO
**INDIAN DELEGATION TO THE 13th INTERNATIONAL JUNIOR SCIENCE OLYMPIAD 2016**

The following team represented India at the 13th International Junior Science Olympiad held at Bali, Indonesia during December 2 – 11, 2016.

<table>
<thead>
<tr>
<th>Students</th>
<th>Medals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Nishant Abhangi</td>
<td>Gold</td>
</tr>
<tr>
<td>D 101, Selenium Heritage, B/H Crystal Mall, Kalanad road, Rajkot 360005</td>
<td></td>
</tr>
<tr>
<td>2. Archit Boobna</td>
<td>Gold</td>
</tr>
<tr>
<td>D 68, Saket, First floor, New Delhi, 110017</td>
<td></td>
</tr>
<tr>
<td>3. Gaurang Dev</td>
<td>Gold</td>
</tr>
<tr>
<td>BB-17, IFFCO, Township, Phulpur, Allahabad, UP 212404</td>
<td></td>
</tr>
<tr>
<td>4. Goli Aananda Vardhan</td>
<td>Silver</td>
</tr>
<tr>
<td>29, 1320 A, Kothepeta, Vinukonda, Guntur, AP 522647</td>
<td></td>
</tr>
<tr>
<td>5. Ayushman Tripathy</td>
<td>Gold</td>
</tr>
<tr>
<td>C-335, First floor, Sector C, Talwandi, Infront of ALLEN samanvaya Building, Kota, RJ 324005</td>
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<td>6. Rajdeep Singh Dhingra</td>
<td>Gold</td>
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<td>A-54, Priyadarshani Vihar, Delhi, 110092</td>
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**Leaders, Scientific Observer & Visitors**

1. Dr. Paresh Joshi
HBCSE (TIFR)

Scientific Observer
Felicitation of International Olympiad Medallists, 2016

2. Prof. Pradeep Kumar Burma
   University of Delhi, Delhi
   Leader

3. Dr. A. K. Rajarajan
   B.A.R.C, Mumbai
   Leader

4. Retd. Prof. Prabhu Damodar Vittal
   Wilson College, Mumbai
   Leader