

# HEAM SCIENTIST 2018

*(The annual National level meet of young scientists working in the field of  
Hydrogen Energy and related Advanced Materials)*

Organised by



UNIVERSITY OF KERALA

with



IAHEAM, MANIT Bhopal and ONGC Energy Centre

**05<sup>th</sup> - 06<sup>th</sup> March 2018**

**Venue**

**Department of Chemistry**  
**University of Kerala**  
**Thiruvananthapuram**

[www.iaheam.org](http://www.iaheam.org)

**Programme Schedule**  
**05<sup>th</sup> March 2018 (Monday)**

|          |   |   |
|----------|---|---|
| 09.00 am | Registration                                  |   |
| 09.30 am | Inaugural Session                             |   |
| 09.40 am | Welcome                                       | S. M. A. Shibli<br>President, IAHEAM  |
| 09.45 am | Presidential Note                             | Dr. T. S. Anirudhan<br>Professor and Director,<br>School of Physical and Mathematical Sciences,<br>University of Kerala, Trivandrum |
| 09.50 am | Keynote Address I                             | Dr. Parvatalu Dharamaraj<br>ONGC, Energy Centre, Mumbai   |
| 10.00 am | Announcements                                 | Dr. Suneesh C. V.<br>University of Kerala, Trivandrum   |
| 10.05 am | Keynote Address II<br>& <b>Invited Talk I</b> | Prof. Rizalman Mamath<br>Universiti Malaysia, Pahang  |

10.30 am : TEA BREAK & ARRANGEMENT FOR POSTER PRESENTATION

|          |                         |   |
|----------|-------------------------|---|
| 11.00 am | <b>Invited Talk II</b>  | Dr. Dinesh Jagadeesan<br>IIT Palakkad       |
| 11.20 am | <b>Invited Talk III</b> | Dr. Maiyalagan T<br>SRM University, Chennai |

11.55 am : **Venue I – Oral Presentation (OP 01- 10)**  
**Venue II – HEAM Scholar Session**

**HEAM Scholar Session-Venue II**

|          |  |          |  |
|----------|--|----------|--|
| 12.00 am | Keshab Karmakar<br>SNBNC for Basic Science, Kolkata          | 12.07 am | Priyanka Asok Tavhare<br>Institute of Science, Mumbai            |
| 12.14 am | S. Shiva Kumar<br>JNTU, Hyderabad                            | 12.28 am | Arindam Kumar Das<br>CSMRI, Gujarat                              |
| 12.35 am | Jithin E. V.<br>Amrita Viswa Vidya Peetham,<br>Coimbatore    | 12.42 pm | Kshirodra Kumar Patra<br>National Chemical<br>Laboratories, Pune |
| 12.49 pm | Shilpa V.<br>Central University, Kasaragod                   | 12.56 pm | Uzma Anjum<br>IIT Delhi  |
| 01.03 pm | Anamika Banarjee<br>Dayalbagh Educational<br>Institute, Agra | 01.10 pm | Muhammad Arif<br>IIUCN, M G University,<br>Kottayam              |

01.20 pm : **LUNCH BREAK**

02.20 pm : **Venue I – Oral Presentation (OP 11 – 20)**  
**Venue II – HEAM Scholar Session (Contd.)**  
**Venue III – Poster Presentation (PP 01- 20)**

**HEAM Scholar Session-Venue II**

|          |  |          |   |
|----------|--|----------|---|
| 02.30 pm | Madavi Konni<br>GITAM, Vishakapatnam                         | 02.37 pm | Swapna M. S.<br>University of Kerala,<br>Trivandrum |
| 02.44 pm | Anupam Srivastav<br>Dayalbagh Educational Institute,<br>Agra | 02.51 pm | Avinash Shukla<br>CSIR – CECRI, Karaikudi           |

|          |  |          |  |
|----------|--|----------|--|
| 02.58 pm | OmPrakash Sarkar<br>CSIR – IICT, Telangana           | 03.05 pm | Ravinder Suresh Konda<br>Institute of Science, Mumbai      |
| 03.12 pm | Zahid Mansoor Bhat<br>IISER, Pune                    | 03.19 pm | S. Padmapriya<br>SRM University                            |
| 03.26 pm | Abubakar Gado Abubakar<br>Central University, Kerala | 03.33 pm | Anuradha Varma<br>Dayalbagh Educational<br>Institute, Agra |

03.40 pm: TEA BREAK

03.55 pm : **Venue I - Oral Presentation (OP 21– 25)**  
**Venue II - Invited Talk**

03.55 pm      **Invited Talk IV**      Dr. Ranjit Thapa  
SRM University, Chennai

04.15 pm      Announcements

**06<sup>th</sup> March 2018 (Tuesday)**

09.00 am      **Invited Talk V**      Dr. M. Mamathakumari  
Yogi Vemana University, Kadapa

09.30 am      **Invited Talk VI**      Dr. Ashwini Bhagavan Nirukhe  
ONGC Energy Centre, Mumbai

10.00 am : **Venue I - Oral Presentation (OP 26– 30)**  
**Venue II – HEAM Scientist Session**

HEAM Scientist Session-Venue II

10.00 am      Dr. Ali Haider      10.15 am      Dr. Dhavale Vishal Mahesh  
IIT Delhi      CSIR – CECRI, Chennai

10.30 am      Dr. Debabrata Chattaraj      10.45 am      Dr. N Siva Mohan Reddy  
BARC, Mumbai      IIT, Rorkee

11.00 am : TEA BREAK

11.35 am      Dr. Vijayanath Gobindrao      11.55 am      Dr. Dipika Sharma  
kalamse      IIT, Delhi  
R B Attal College, Maharashtra

12.10 pm      Dr. Ashi Ikram      12.25 pm      Dr. Mohammad Faisal  
St. Johns College, Agra      IIT, Kanpur

12.40 pm : **LUNCH BREAK**

01.45 pm      **Invited Talk VII**      Dr. K. Sudhakar  
MANIT, Bhopal

02.10 pm      **Invited Talk VIII**      Dr. James Joseph  
CSIR – CECRI, Karaikudi

02.35 pm      **Invited Talk IX**      Dr. Dilimon V.S.  
Ulsa National Institution of Science and Technology,  
South Korea

02.55 pm : TEA BREAK

03.15 pm      Valedictory Function  
Award giving Ceremony  
Response from Audience  
Chart out of HEAM Scientist2019

05.00 pm      National Anthem

## The Programme:

The HEAM SCIENTIST 2018 will commence on 5<sup>th</sup> and 6<sup>th</sup> March 2018. The contestants for HEAM Scientist, HEAM Scholar and General Oral competition are requested to make their PowerPoint presentation and present it in the allotted time limit as detailed below.

HEAM Scientist: 12+1(extra)+1(discussion)

HEAM Scholar: 5+1(extra)+1(discussion)

General Oral Presentation: 6+1(extra)+1(discussion)

Poster Presentation: Recommended poster sizes- 1Meter x 1Meter

## Venue:

The Department of Chemistry, University of Kerala, Kariavattom is situated at a distance of 20 km from Trivandrum railway station/bus station. The campus is cosy and environmental friendly, far away from the hustle and bustle of city life. The nearest airport, Trivandrum is around 15 km away. Trivandrum has many interesting places to visit like Veli Tourist Village, Shangumugam and Kovalam Beaches, Sree Padmanabha Swamy temple, Museum and Arts Gallery, Science and Technology Museum and Planetarium.

### Convenor

Dr. S. M. A. Shibli  
University of Kerala,  
Thiruvananthapuram

### Co-Convenor

Dr. Suneesh C. V.  
Department of Chemistry,  
University of Kerala

### Coordinator

Dr. Parvatalu Dharmaraj  
ONGC, Energy centre, Mumbai

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**There will be a separate **START UP** session for faculties at  
4.00 pm on 05<sup>th</sup> March 2018**