

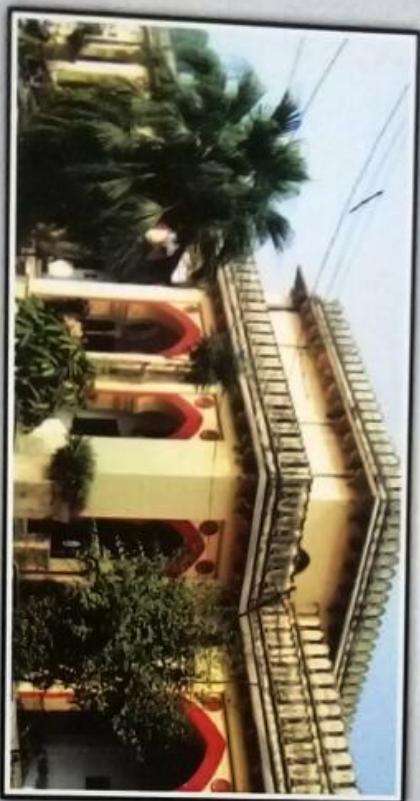


## National Seminar

on

# Reaching the Unreached through Science and Technology

February 24-25, 2018



Organized by

Allahabad Chapter

Indian Science Congress Association



Department of Chemistry  
University of Allahabad, Allahabad

'Make in India' through skill development besides many other plans of action. With such a proactive government at the helms of affairs, there should not be any problem for reaching the unreached and inclusion of the excluded by making them the important components of the science and technology policy and strategy for the coming decades.

The theme emphasizes the value of taking science to each and every citizen of India. India has made unprecedented advances in myriad branches of sciences. It has carved its niche as an upcoming 'science hotspot' in general with special presence in the fields of space research, traditional and alternative medicines, computer science and basic sciences. The fruits of scientific advances need to be equally appreciated by each and every citizen.

Time has come to build bridges, to connect people with science, to provide the unreached the wonderful outcomes of science in a systematic manner. A happy and learned citizen will create a happy and informed society that in turn will lead to a happy and strong nation.

With numerous deliberations, and scientific interactions planned during this, National Seminar of ISCA Allahabad Chapter during 24-25 Feb. 2018 involving more than 150 inspired and brilliant minds, I am hopeful that a blueprint for developing a policy to ensure sharing of the benefits of science for society will emerge.

**Abstract :** Abstracts of only those candidate will be accepted who are member of ISCA or who become member of Allahabad Chapter of ISCA by depositing registration fee of Rs 200.

The participants are requested to mail their typed abstracts. The abstract should be typed in MS Word 2003-2007 (Times New Roman) and should not exceed more than 250 words. Abstract should mention the title of the paper, name(s), of the author(s), followed by their address and email. Name of the author presenting paper should be underlined. Title font size 16, Author Name font size-14, Text font size-12. The participants are requested to kindly mail at [allcchap.iscaau@gmail.com](mailto:allcchap.iscaau@gmail.com) on or before 15 February, 2018.

**Presentation Guidelines :** The oral presentations will be restricted to 5 minutes followed by 2 minutes discussion. Participants are requested to prepare their presentations on MS Power Points for LCD presentations.

For poster presentations 90x75 cm area will be provided. Minimum size of letters should be 0.5cm. Necessary materials for the poster display will be provided.

**Registration Fee :** All participants are requested to enroll themselves by filling the registration form along with a bank draft drawn in favour of ISCA Allahabad Chapter payable at Allahabad or by cash (only for delegates of Allahabad University) latest by 10 February, 2018.

Registration form and fee is to be submitted, to Mr. Anoop Bose, Department of Chemistry, University of Allahabad. Participants are requested to arrange travel and accommodation expenses from their own resources.

The Registration fee is as follows

Category	Registration Fee
ISCA Member	Rs. 800
Research Scholars (Not ISCA member)	Rs. 1000

### Best Paper Award

Two awards for best paper presentations in each section

1. Chemical Sciences Section
2. Biological Sciences Section
3. Physical Sciences Section

(one of the two awards in physical sciences section will be M.M. Joshi best paper Award)

**Allahabad :** The city of Allahabad, also known as Prayagraj, is situated on the confluence of the three rivers Ganga, Yamuna and mythical Saraswati. Every year a month long Maha-Khela and every twelve years the Maha Kumbh-Mela is held at the bank of Sangam in the January-February. Besides its religious significance, the city is well known for its academic excellence, historical judgments, cultural festivities and political activities. Allahabad and its neighbouring regions are historically important having some of the oldest human habitations in the country. The city also has in its vicinity a number of sites and places of pilgrimage. The weather in February is pleasant cold and day time temperature ranges between 20 to 25°C where as night temperature ranges between 15-20°C. Allahabad is well connected by air with New Delhi and also by rail and road with all major cities of India.

**University of Allahabad :** The University of Allahabad, the fourth modern University established in India (after the University of Bombay, Calcutta and Madras) has a sound academic tradition and several extraordinary achievements to its credit. It began its journey in 1887 as an affiliating and examining body for graduate and postgraduate degrees, with a classic orientation in different branches of learning and the responsibility for secondary education as well. From 1904 it began organizing its own teaching departments and instituted doctoral research programmes. In 1921, residential University was established through the merger of its own leading departments with the Mur Central College. Speedy developments took place and within the span of 25 years many new departments were created and research of international standard was carried out. A number of renowned teachers and scholars brought the University to a leading position not only in India but in entire world. Looking at the achievements and glorious performance, it was accorded the status of "Institution of National Importance" and became a Central University on 1<sup>st</sup> July, 2005.

**Allahabad Chapter ISCA :**

- The Allahabad Chapter of ISCA was accorded recognition by ISCA in July 2007, with Dr. R. K. P. Singh as convener and Dr. I. R. Siddiqui as Treasurer. At present there are more than 200 members of the Allahabad Chapter of ISCA.
- A debate was organized on Global warming on 27/08/2007 for PG and UG students of the Allahabad University.
- Two days seminar on the topic "Science Education at Tertiary Level : Current status and future perspective" was organized on 28-29 November, 2007.
- Prof. Balram Singh, Professor of Chemistry and Director India studies in the University of Massachusetts, USA, delivered a lecture on "Science and Education in a globalized Perspective" on January 10, 2008.
- Two days symposium on "Frontiers of Chemistry Research at AU" was organized on 25 January, 2008 at Department of Chemistry, University of Allahabad. The symposium was inaugurated by Prof. Irene Vargha L. ETOYOS, University of Budapest, Hungary.
- General President of ISCA, Prof. R. Kannamurthi visited Allahabad on 29/01/2008 and was felicitated by member of ISCA Allahabad Chapter.
- National Science Day was celebrated by Chapter in 2008 and the film "An Inevitable Truth" made by Noble Laureate and former Vice-President of America Al Gore was screened on this occasion.
- World Environment Day was celebrated by Chapter in 2008 and a lecture of leading environmentalist and Bhanuwar Awardee, Prof. J. S. Singh of BHU, Varanasi was organized on the topic "Essentials of Environment Conservation".
- A two day seminar on "Science Education Attractive Talents" was held on 4<sup>th</sup> & 5<sup>th</sup> December, 2008.
- On the occasion of Sir C. V. Raman's Birthday a debate and essay competition on Indian Scientist was organized on November 7, 2009, in CAVI Inter College, Allahabad.
- A three day National seminar on "Contemporary Research in Material Science and Chemical Biology" was organized on 31<sup>st</sup> Jan to 2<sup>nd</sup> Feb, 2010 in the Department of Chemistry.

**University of Allahabad**

- A three day National seminar on "Interface of Industry, Biology and Chemistry Research in 21<sup>st</sup> Century" was organized on 5-7<sup>th</sup> Feb, 2011 in the Department of Chemistry, University of Allahabad.
- On the Occasion of National Science Day a debate on "How to attract the student's towards science education" was organized on 28 Feb, 2011 at Department of Chemistry, University of Allahabad.
- Lecture on "Development of Natural and Synthetic Compound as Antidote to the most Poisonous Poison" by Prof. Balram Singh of Massachusetts USA on 27<sup>th</sup> August, 2012 at Department of Chemistry, University of Allahabad.
- A two day National Seminar on "Science for Shaping the Future of India" was organized on 9<sup>th</sup> and 10<sup>th</sup> November 2012 to commemorate centenary year of ISCA.
- A two day National Seminar on "Exciting frontiers of Research in Science and Technology" was organized on Feb. 28 and March 1, 2013<sup>rd</sup>.
- A two day National Seminar on Innovations in "Science and Technology for Inclusive Development" was organized on 30<sup>th</sup> and 1<sup>st</sup> April, 2014.
- A two day National Seminar on "Science and Technology for Human Development" was organized before March 14-15, 2016.
- A three day National Seminar on "Science and Technology for Indigenous Development in India" was organised between February 19-21, 2016.
- A lecture series to make aware about role of Science and Technology in "Make in India" programme on 26th march, 2016 was organised at MRS School and College, Jhansi, Allahabad.
- Programme to make aware about "Hygiene, Sanitary Habit and Toilet Use" at S. S. Mahila Mahavidyalaya, Hanumanpur, Allahabad was organized on 30<sup>th</sup> March, 2016.
- A three day National Seminar on "Science and Technology for National Development" during Feb 11-13, 2017.
- "Exhibition of Science Models" by students of class X to XII on 10th Nov. 2017 in Tagore Public School, Allahabad.

**About the Seminar :** The world and the civilization on today stand at across road. Indeed it is a matter to ponder over as to why despite huge accomplishment in science and technology during this century, more than three fourth of the world's population is still living in abject poverty with the gap between the rich and the poor still widening. Poverty, social and gender inequality are increasing globally. The result of which a large chunk of population continue to remain isolated without having minimum basic human needs. Contaminated drinking water due to lack of adequate supply, resulting in various water borne diseases, lack of basic education, dismal records in the area of sustainable sanitation resulting in various water borne diseases, lack of basic education, dismal records in the area of sustainable livelihood, security system, lack of effective strategies for eradication of poverty and many other issues combined together account for a situation, whereby the world today that a large section of human beings continue to suffer. It is often argued that the poor are poor because they do not have the productive asset like land, education and technical skill. They earn their livelihood largely through unskilled works. Modern technological know-how is beyond their reach for which they suffer from a sense of exclusion from the scientific advancement. It is, therefore, most important today that the scientists through modern technology would strive to reach this hapless population for the creation of an equitable world.

We are fortunate today that the present leadership in the country today has been trying to accelerate growth with inclusion and equality with action plans for employment generation strategies, universal access to quality health education, good governance, farmer centric issues in agriculture, connectivity through Digital India and allied sectors, sanitation through Swachha Bharat and Ganga rejuvenation, energy conservation, efficiency and innovative ideas including 'Make in India' through skill development besides many other plans of action. With such a proactive government at the helms of affairs, there should not be any problem for reaching the unreach and inclusion of the excluded by making them the important components of the science and technology policy and strategy for the coming decades.

Make in India through skill development besides many other plans of action. With such a proactive government at the helms of affairs, there should not be any problem for reaching the unreach and inclusion of the excluded by making them the important components of the science and technology policy and strategy for the coming decades.

The theme emphasizes the value of taking science to each and every citizen of India. India has made unprecedented advances in myriad branches of sciences. It has carved its niche as an emerging 'science hotspot' in general with special presence in the fields of space research, traditional and alternative medicines, computer science and basic sciences. The fruits of scientific advances need to be equally appreciated by each and every citizen.

Time has come to build bridges, to connect people with science, to provide the unreach the wonderful outcomes of science in a systematic manner. A happy and learned citizen will create a happy and informed society that in turn will lead to a happy and strong nation.

With numerous deliberations, and scientific interactions planned during this, National Seminar of ISCA Allahabad Chapter during 24-25 Feb. 2018 involving more than 150 inspired and brilliant minds, I am hopeful that a blueprint for developing a policy to ensure sharing of the benefits of science for society will emerge.

**Abstract :** Abstracts of only those candidate will be accepted who are member of ISCA or who become member of Allahabad Chapter of ISCA by depositing registration fee of Rs. 200.

The participants are requested to mail their typed abstracts. The abstract should be typed in MS Word 2003-2007 (Times New Roman) and should not exceed more than 250 words. Abstract should mention the title of the paper, name(s), of the author(s), followed by their address and email. Name of the author presenting paper should be underlined. Title font size 16, Author Name font size-14, Text font size-12. The participants are requested to kindly mail at [alidchap.iscawu@gmail.com](mailto:alidchap.iscawu@gmail.com) on or before 15 February, 2018.

**Presentation Guidelines :** The oral presentations will be restricted to 5 minutes followed by 2 minutes discussion. Participants are requested to prepare their presentations on MS Power Points for LCD presentations.

For poster presentations 90x75 cm area will be provided. Minimum size of letters should be 0.5cm. Necessary material for the poster display will be provided.

**Registration Fee :** All participants are requested to enroll themselves by filling the registration form alongwith a bank draft drawn in favour of ISCA, Allahabad Chapter payable at Allahabad or by cash (only for delegates of Allahabad University) latest by 10 February, 2018.

Registration form and fee is to be submitted to Mr. Anoop Bose, Department of Chemistry, University of Allahabad. Participants are requested to arrange travel and accommodation expenses from their own resources.

The Registration fee is as follows

Category	Registration Fee
ISCA Member	Rs. 800
Research Scholars (Not ISCA member)	Rs. 1000

**Best Paper Award**

Two awards for best paper presentations in each section

1. Chemical Sciences Section
  2. Biological Sciences Section
  3. Physical Sciences Section
- (one of the two awards in physical sciences section will be M. M. Joshi best paper presentation Award)

National Seminar

on

Reaching the Unreached through Science

and Technology

February 24-25, 2018

Patron

Prof. H. P. Tiwari

Convener

Prof. I. R. Siddiqui

Treasurer

Prof. D. K. Chauhan

Organizing Secretary

Prof. R. K. P. Singh

Advisory Committee

Prof. P. C. Gupta

Prof. G. K. Srivastava

Prof. Krishna Misra

Prof. J. D. Pandey

Prof. J. Singh

Prof. Shekhar Srivastava

Prof. Geeta Watal

Dr. K. N. Uttam

Dr. K. P. Singh

Dr. Archana Pandey

Dr. Babita Agrawal

Dr. S. S. Kapoor



National Seminar

on

Reaching the Unreached through Science

and Technology

February 24-25, 2018

1. Name : .....

2. Designation : .....

3. Institution: .....

4. Address: .....

5. Contact .....

Phone: ..... Mob: .....

Fax: ..... e-mail: .....

Sex: Male ( ) Female ( )

5. ID# .....

Message .....

Oral Presentation .....

Poster Presentation .....

Participation only ( )

Title of the Paper .....

.....

.....

.....

(Signature)



National Seminar

on

Reaching the Unreached through Science

and Technology

February 24-25, 2018



Organized by

Allahabad Chapter

Indian Science Congress Association



Department of Chemistry  
University of Allahabad, Allahabad