



## Announcement

# BOSE SCIENCE SOCIETY

PUDUKKOTTAI-622003, TAMILNADU, INDIA.

## 7<sup>th</sup> NATIONAL CONFERENCE ON NATURAL SCIENCES & AWARD PRESENTATION CEREMONY

Sponsored by

**TAMILNADU SCIENTIFIC RESEARCH ORGANISATION**

Pudukkottai -622003.

**Dear colleagues and friends,**

It gives us a great pleasure to invite you to the "**National Conference on Natural Sciences & Award Presentation Ceremony**" "to be held on **5<sup>th</sup> July 2017** at **Pudukkottai, TamilNadu, India**. This conference will be provided a platform to share the research knowledge and activities of researchers and social reformers working in the national science day 2017 theme of **Science and Technology for Specially Abled Persons**. It will consist of various lectures from eminent personalities, presentations and discussions from the participating academicians, researchers and social volunteers.

### **About us**

**The TamilNadu Scientific Research Organisation** is a registered voluntary non-governmental organisation with the vision to promote rural villages by science and technology. Our formerly president of India Dr.APJ.Abdul Kalam appreciated our institution for the efforts and services. Also our organization has received Best NGO Award (2008 and 2010) for Biodiversity Conservation activities and also a recipient of Best Environmental Conservation Award 2011 from Department of Environment, Govt.of TamilNadu. The organization has been encouraging basic research in all the fields.

### **The conference**

The conference is mainly focused and disseminates information on **Science and Technology for Specially Abled Persons**.

### **Relevance and importance of the national conference are to:**

For 2017 the theme is "Science and Technology for Specially-abled Persons". A person is said to be specially-abled if he/she has a physical or mental impairment that has a significant impact on his/her daily life. This encompasses a wide range of impairments from physical impairments like

partial or total loss of sight, difficulty in hearing, inability to speak, various forms of immobility involving arms, legs or spine to mental impairments like autism and dyslexia.

For the country where 2.21 % population is estimated to be specially-abled, the theme "Science & Technology for specially -abled" for celebrating National Science Day is completely justified. Talking of J&k state, as per census 2011 our state has around 3.61 lakh specially-abled persons. Another study places the number of disabled persons as high as 6 lakh out of which 1.2 lakh have orthopaedic disability and around 0.9 lakh suffer from mild to severe type of mental illness.

In the area of prosthetics for example, advances in material science, electronics and neuroscience has resulted in creation of prosthetic limbs that are controlled directly by the brain. From self balancing and stair climbing wheel chairs to cars which replace driver seat with wheel chair, technology has promised it all. For visually impaired refreshable Braille displays, wearable finger reader for reading books, position sensing wrist bands with the capability of speech providing assistance in navigation, electric lollipop providing optical sensation enabling the user to taste the light and thousands of other products have come to the rescue of those who suffer visual impairment. Large number of assistive technologies including hearing aids, Cochlear implants are available for persons with hearing impairments.

Science may have done wonders and tons of gadgets and applications may be available for specially-abled people but we are still lacking and there is still lot of scope in this area. If science and technology cannot provide relief to the specially-abled people then it is of little use. The fact is that it is not enough to innovate, design, produce and market the products for specially-abled, the products should be affordable to them as well, especially in Kashmir where the population of specially-abled particularly those with visual impairments has increased over a last year or so. It should be a matter of concern that research and innovation in this direction in our otherwise efficient educational and research institutes is negligible. The only possible reason for this neglect is lack of sensitization towards the issues related to specially-abled people.

The road map to address the issues of specially-abled people starts with sensitizing academia and industry by highlighting the never ending scope in this area. Adequate funding needs to be made available for R&D. Making the latest gadgets and applications accessible and affordable is the step which is followed by providing education and training for specially-abled persons for which necessary infrastructure needs to be developed. Assistance in the placement and any entrepreneurial endeavour needs to be facilitated

## Topics

The Programme of the conference includes Plenary Sessions, technical sessions, working groups/ Panel discussions and presentations. The broad topics of the conference are as follows.

- **Bio product Process and Innovations**
- **Current Indian scenario of science and tech innovation**
- **Biotech Models and Medical Devices**
- **Natural products and Patent Rights**
- **Funding and legal implications for innovations**
- **Commercialization of science and tech Products**
- **Development and Commercialization of Therapeutic Drugs**

## Who may participate?

All science and tech professionals, researchers from Academics, entrepreneurs, Teachers, Research scholars, Scientists, Innovators , Students, Science media personnel, policy makers, NGO representatives , Service and Marketing providers and others.

## Guidelines: Abstracts and Full paper

Original research papers or abstracts in all aspects of recent findings in related to public library services are invited for oral/poster presentation. The participants who are interested to present their paper are requested to send abstracts not exceeding 250 words along with filled registration form and fee, Abstract should be prepared by using MS word (Times new roman-12 Points), incase full paper also should be prepared in same manner with double space. Number of pages should not exceed 3 pages and send to the organizing secretary of the conference by post / e-mail. LCD projector will be available for oral presentation and Poster size should be of not more than 3 feet (wide) x 5 feet (height). Those who prepared their abstract or full paper are requested to send by **25<sup>th</sup> June 2017**. First preference will be provided for full papers (research papers, review articles & case studies). **Award:** Three best posters and oral presentation awards will be provided by our organization.

## Registration fee details

**Faculty: Rs.700/- Accompanied person: Rs.300/- Student: Rs.500/-**

Participants are requested to send their registration form enclosing a non refundable crossed bank DD/Money Transfer (RTGS) in favor of **TamilNadu Scientific Research Organisation**, Payable at **Allahabad Bank, Pudukkottai Branch (S.B.A/c No: 50200527185.,IFS/RTGS Code : ALLA0212291., MICR No: 622010002., Branch Code : 2291)** on or before **25.6.2017** . Working lunch, tea with refreshments and certificate will be provided for all registered participants. Participants are requested to arrange their own T.A + D.A from their own resources.

## Important information

Last date for

Submission of abstracts	: <b>20<sup>th</sup> June 2017</b>
Submission of full paper	: <b>25<sup>th</sup> June 2017</b>
Intimation of acceptances	: <b>25<sup>th</sup> June 2017</b>
Last date of registration	: <b>25<sup>th</sup> June 2017</b>
The conference	: <b>5<sup>th</sup> July 2017</b>

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### Further details please contact:

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