

Accommodation

Requirement for accommodation may be indicated in the registration form. Accommodation can be arranged on advance payment basis. Due to paucity of funds TA/DA cannot be provided.

Dates to remember

Last date for submission of abstracts: 30th September, 2018
Intimation of acceptance: 15th October, 2018
Submission of full paper: 30th October, 2018

Address for communication

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28-ാം സ്വദേശി ശാസ്ത്ര സമ്മേളനം

ഭാരതത്തിന്റെ തനതായ ശാസ്ത്ര സാങ്കേതിക നേട്ടങ്ങൾ ജന മധ്യത്തിലെത്തിക്കുവാൻ വേണ്ടിയൊന്നു സ്വദേശി ശാസ്ത്ര പ്രസ്ഥാനം പ്രവർത്തിക്കുന്നത്. ദേശീയ വികസനവുമായി ഇഴുകിച്ചേർന്നു വിദ്യാഭ്യാസ, ശാസ്ത്ര, സാങ്കേതിക, വ്യവസായ, സാമ്പത്തിക സമഗ്ര കർമ്മ പദ്ധതികൾ രൂപപ്പെടുത്തിയെടുക്കുക എന്നതാണ് ഈ പ്രസ്ഥാനത്തിന്റെ ലക്ഷ്യം. സ്വദേശി ശാസ്ത്ര പ്രസ്ഥാനം 1991 മുതൽ ഓരോ വർഷവും സ്വദേശി ശാസ്ത്ര സമ്മേളനം നടത്തി വരുന്നു. ഗവേഷണ വികസന രംഗങ്ങളിൽ നിന്നുള്ള പുത്തൻവിവകൾ പ്രചരിപ്പിക്കുവാനും അവ ജനങ്ങളിലേക്ക് എത്തിക്കുവാനും വിവിധ രംഗങ്ങളിലെ നാട്ടറിവുകളുടെ ശാസ്ത്രീയത പൊതു ജനങ്ങളുമായി പങ്കു വെയ്ക്കുവാനുമുള്ള ഒരു വേദി എന്നതിലുപരി ശാസ്ത്ര സാങ്കേതിക വിഷയങ്ങൾ മാത്രം ഭാഷയിൽ അവതരിപ്പിക്കുവാനുള്ള അവസരവും ഒരുക്കുന്നു.

28-ാം സ്വദേശി ശാസ്ത്ര സമ്മേളനം 2018 നവംബർ 7 മുതൽ 9 വരെ തിരുവനന്തപുരം നാഷണൽ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഫോർ ഇന്റർ ഡിസിപ്ലിനറി സയൻസ് & ടെക്നോളജിയിൽ വച്ച് നടക്കും. 'ശാസ്ത്രം രാഷ്ട്ര നിർമ്മിതിയിൽ' എന്നതാണ് ഈ വർഷത്തെ ശാസ്ത്ര സമ്മേളനത്തിന്റെ മുഖ്യ വിഷയം.

പ്രബന്ധം: കൃഷിശാസ്ത്രം, വൈദ്യശാസ്ത്രം, ജീവശാസ്ത്രം, ഭൗതികശാസ്ത്രം, രസതന്ത്രം, ഗണിതശാസ്ത്രം, ജനിതകശാസ്ത്രം, പരിസ്ഥിതിശാസ്ത്രം, സാങ്കേതിക വിദ്യ, പാരമ്പര്യശാസ്ത്രം എന്നിവയിൽ പ്രബന്ധങ്ങൾ അവതരിപ്പിക്കാവുന്നതാണ്. ഇംഗ്ലീഷിലോ മലയാളത്തിലോ ഉള്ള പ്രബന്ധങ്ങൾ വെബ് സൈറ്റിൽ കൊടുത്തിട്ടുള്ള ടൈപ്പിംഗ് രൂപത്തിൽ എടുത്തു ഈ മെയിലിൽ (mail@sciencecongress.in) സെപ്തംബർ 30 നു മുൻപ് അയക്കണം.

പുരസ്കാരങ്ങൾ: 40 വയസ്സിനു താഴെയുള്ള മികച്ച പ്രബന്ധ കർത്താവിനു പുരസ്കാരം സമ്മാനിക്കും. ഫിഷറീസ് സയൻസിലെ മികച്ച പ്രബന്ധത്തിനു ഡോ. കെ. രവീന്ദ്രൻ സ്മാരക പുരസ്കാരം നൽകും.

സ്വദേശി ശാസ്ത്ര പുരസ്കാരം: ശാസ്ത്ര സാങ്കേതിക രംഗങ്ങളിലെ മികച്ച പ്രവർത്തനങ്ങളെ മുൻനിർത്തി പ്രമുഖ ശാസ്ത്ര സാങ്കേതിക വിദഗ്ധരെ സ്വദേശി ശാസ്ത്ര പുരസ്കാരം നൽകി ആദരിക്കും. **രജിസ്ട്രേഷൻ:** 28-ാം സ്വദേശി ശാസ്ത്ര കോൺഗ്രസിന്റെ പേരിൽ എറണാകുളത്തു മാറാവുന്ന ഡിമാന്റ് ഡ്രാഫ്റ്റ് പുരിപ്പിച്ച രജിസ്ട്രേഷൻ ഫോറം, പ്രബന്ധം എന്നിവ സെപ്തംബർ 30 നു മുൻപ് സെക്രട്ടറി ജനറലിന്റെ മേൽവിലാസത്തിൽ അയക്കേണ്ടതാണ്.

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28th SWADESHI SCIENCE CONGRESS National Seminar

Focal Theme: Science for Nation Building: Challenges in Translational Research
Sub Theme: Solid and Liquid Waste Management

7 - 9 November, 2018

CSIR - National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram



Organized by
Swadeshi Science Movement Kerala & CSIR - National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram

About Swadeshi Science Movement

Swadeshi Science Movement-Kerala (SSM-K) is a popular science movement dedicated for the overall development of our country through the intervention of science and technology. It has been functioning in the state of Kerala since 1989, focusing on science popularization for societal development. SSM aims at fostering multi-disciplinary approach to local problems and promotion of awareness on India's rich scientific heritage. It has been bestowed with two prestigious national awards by Government of India viz. National Award for Outstanding Efforts in Science and Technology Communication by Ministry of Science and Technology (2006-07) and Jawaharlal Nehru Award by Indian Science Congress Association (2005-06).

Since its inception in 1991, Swadeshi Science Congress (SSC) has served as a platform for students, research scholars, scientists, technocrats, academicians; enthusiastic science communicators and the public in pursuit of science to associate, discuss and disseminate their scientific knowledge. Every year SSC identifies a theme of contemporary relevance like science and philosophy, traditional science and technology, agriculture and rural development, information technology, coastal zone management, biotechnology and society, nanotechnology and social development, ecosystem services and the like for the Congress.

About National Institute for Interdisciplinary Science and Technology

The National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, is a constituent Laboratory of the Council of Scientific and Industrial Research (CSIR). Initially established in 1975 as a CSIR Complex, it was named as the Regional Research Laboratory in 1978 and later renamed as NIIST in 2007. It's mandate is to conduct research and development activities of the highest quality in areas related to effective utilization of resources of the region and of fundamental importance to the country. Currently NIIST is engaged in R & D programmes in areas related to Agroprocessing, Chemical Sciences and Technology, Materials Science and Technology, Biotechnology, Process Engineering and Environmental Technology. The Institute has established state-of-the-art facilities for conducting advanced research in the areas of interest. Pilot plant facilities for research training and process/product development in the areas of spices and oilseeds have been established. The Institute has also been playing a significant role in Human Resource Development by training post graduate/graduate students, with over 252 Ph.D. degrees awarded till date, based on research conducted at the Institute.

About the Conference

This year Swadeshi Science Movement is organizing the 28th Swadeshi Science Congress at CSIR- National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram with the focal theme, "**Science for Nation Building: Challenges in Translational Research**" and Sub Theme on "**Solid and liquid waste management**".

Science has now reached every sector and sphere of India from telecommunications technology to transportation technology, smart cards, better healthcare and cutting edge research. India is now in a position to build not only nuclear reactors and nuclear submarines but also giant telescopes, satellite launching vehicles, spacecrafts, missiles, jet fighters, battle tanks and even a neutrino laboratory deep inside a mountain. India now has research stations near south and north poles. Private sector has joined hands with public sector in production of goods and services which were once imported including various parts of rockets and spacecrafts. Indian pharma companies are now positioning themselves to compete with global brands. Indian biotech companies like Biocon have built formidable international reputation. The 'Jaipur foot' was a giant step in using science for nation building. It gave a new lease of life to physically disabled persons. Similarly the reverse osmosis-based ultrafiltration unit developed by BARC served a boon in supplying potable water to flooded areas. Both India Meteorological Department (IMD) and Indian Institute of Tropical Meteorology (IITM) have worked hard to provide a better weather and monsoon forecast. In fact, IMD is a shining example of science for nation building. Indian Council of Agricultural Research (ICAR) is doing extensive work to ensure food security of the country and even to double the farmers income by 2020 and their scientists have only a single aim – nation building. Similarly, almost the entire scientific and technical manpower of government research laboratories under CSIR is governed by the impulse of nation building. New discoveries and inventions, can help to build the nation. So also, the invention of new drugs and vaccines as well as development of software can supplement the nation building efforts. As an example, when USA denied the supercomputer sale to India, the Indian scientists built a supercomputer PARAM. Similarly, when cryogenic engine technology was denied to India, ISRO came out after years of struggle with Kaveri, an indigenous cryogenic engine. Keeping all this in mind, the Focal Theme of 28th Swadeshi Science Congress is kept as "Science for Nation Building: Challenges in Translational Research" with a Sub Theme on "Solid and liquid waste management".

The Highlights of the Science Congress

- **Sir C.V. Raman Memorial Lecture**
- **Keynote address** on Science for Nation Building: Challenges in Translational Research
- **Best Paper Award** in each technical session (Age limit of First Author – 40 years)
- **Dr. K. Ravindran Memorial Award** for Best Paper in Fisheries Sciences
- **Swadeshi Sastra Puraskaram** – Award instituted to honour an eminent Scientist/Technocrat of Kerala origin for his/her outstanding lifetime contributions

Call for papers

The Conference will have presentations in the following areas:

- Solid and liquid waste management
- Mathematics / Physical Science
- Chemical Science
- Engineering Science
- Environmental Science
- Health Science
- Life Science
- Agriculture, Veterinary and Fisheries

Abstract of papers for presentation are invited on topics like Electronics/Electrical/Aerospace/Infrastructure/Computer Engineering, Environment, Biotechnology, Agricultural/Veterinary/Fisheries/Health/Para Medical/Traditional/Physical/Chemical/Mathematical Sciences etc.

Abstract prepared as per the template given (website www.sciencecongress.in) should be submitted to mail@sciencecongress.in. A camera ready full text of the paper also has to be submitted by mail. The papers presented will be peer reviewed and published in indexed journals.

Registration

The registration form may be sent along with registration fee by crossed bank draft or at par cheque in favour of "Swadeshi Science Congress" payable at Ernakulam so as to reach the Secretary General, Swadeshi Science Congress on or before 30th September, 2018.

Name of the Bank - Vijaya Bank, Ernakulam North, Kochi - 682 018, A/c No. 208201011000142, IFSC - VIJB 0002082

Category	Registration Fee	
	Before 30 th September, 2018	Late and Spot
Sponsored delegates	Rs. 2000/-	Rs. 2500/-
Other delegates	Rs. 1500/-	Rs. 2000/-
Students	Rs. 1200/-	Rs. 1500/-

- No paper presentation allowed for spot registration