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Dr. A. Dinakara Rao
Dr. V. Amouda

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**NATIONAL SYMPOSIUM
ON
SCIENCE AND TECHNOLOGY FOR HUMAN
DEVELOPMENT**

March 17-18, 2015

Organized
by
**INDIAN SCIENCE CONGRESS ASSOCIATION, PONDICHERRY CHAPTER
&
CENTRE FOR BIOINFORMATICS, PONDICHERRY UNIVERSITY**

Organizing Secretaries

Dr. A. Dinakara Rao
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Centre for Bioinformatics
Pondicherry University
Puducherry – 605014

Dr. V. Amouda
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Pondicherry University

Pondicherry University is a Central University in Puducherry, founded in 1985 by Government of India. The University is a collegiate university with a jurisdiction spread over the Union Territories of Puducherry, Lakshadweep and Andaman and Nicobar Islands. It has 35,000 students in its 87 affiliated colleges including 27,000 students in the distance education mode. The current strength of students studying on-campus stands at 6,500.

Centre for Bioinformatics

The Centre for Bioinformatics was started as Distributed Information Sub-Centre funded by Department of Biotechnology (DBT), Govt. of India in the year 1991 and was upgraded to a full fledged Centre in 2001. It was conferred Centre of Excellence in Bioinformatics by the Department of Information Technology (DIT), Govt. of India in 2007. The Centre offers M.Sc., Ph.D programmes in Bioinformatics and M.Tech Computational Biology as a collaborative network programme with the support of Department of Biotechnology, Govt. of India.

Indian Science Congress Association (ISCA)

Indian Science Congress Association (ISCA) owes its origin to the foresight and initiative of two British Indian Chemists, namely Professor J.L. Simonsen and Professor P.S. Mac Mohan.

The first meeting of the Congress was held from January 15 to 17, 1914 at the premises of the Asiatic Society, Calcutta. The Association was formed with the following objectives:

- (I) to advance and promote the cause of Science in India
- (II) to hold an annual congress at a suitable place in India
- (III) to publish proceedings, journals, transactions, etc., and
- (IV) to popularize Science

There are now fourteen sections namely Agriculture and Forestry Sciences, Animal, Veterinary and Fishery Sciences, Anthropological and Behavioural Sciences (including Archaeology and Psychology & Educational Sciences), Chemical Sciences, Earth System Sciences, Engineering Sciences, Environmental Sciences, Information and Communication Science & Technology (including Computer Sciences), Material Sciences, Mathematical Sciences (including Statistics), Medical Sciences (including Physiology), New Biology (including Biochemistry, Biophysics & Molecular Biology and Biotechnology), Physical Sciences and Plant Sciences.

ISCA, Pondicherry Chapter

The Indian Science Congress Association (ISCA) is a premier scientific organization of India with the primary objectives of advancing and promoting the scientific knowledge throughout the region. The ISCA-Pondicherry Chapter was formed before 2 years and its mandate is to have scientific outreach programmes for various sections of the society, especially focusing on school and college students. The aim is to encourage the school and college students to have better awareness in Science and the latest developments in research to fulfil their thirst in Science.

Focal Theme: Science and Technology for Human Development

The origin of Science lies in the evolution of the human brain and the intrinsic sense of curiosity in human beings to explore, to know and to understand the nature and the world around.

The Science and Technology advances made in the country should reach the young student community so that they are motivated to do higher studies and research in Science and Technology. The young students should understand that the innovations in Science and Technology should reach the common man in our country.

The role of Science and Technology on sustainable human development has been receiving considerable international and national attention. Science and technology has been central to poverty alleviation and economic development. However, a large portion of the benefits of Science and Technology, has not reached to the majority of poor, both in developing and developed countries. Human development is about the progress of human freedom and capability to lead the kind of lives that people have reason to value. It cannot be diverged from ecological and environmental concerns and it has to be inclusive of both socially and environmentally. "Science and Technology" combined with "Human Development" leads to Economic growth.

In addition, a modern trend in Science and Technology has started an interdisciplinary integrative studies and research collaborations. The recent trends encourage the initiatives towards research collaborations within the departments in an institution and collaborations among different institutions. To bring a change in our orientation, people in traditional disciplines may develop interdisciplinary approaches in research.

The key objectives of ISCA are to bring the scientific perspective, out of every individual mind to promote the science. The symposium will be a platform to discuss the above said theme and advanced technology in this region.

Programme

The symposium includes invited lectures and poster presentations in various disciplines as given below

1. Biological Sciences
(Animal, Plant, Medical Sciences etc.,)
2. Physical Sciences
(Physics, Chemistry, Mathematics etc.,)
3. Engineering & Technology
(Engineering, Technology and Applied Sciences)

Call for Abstracts

Research papers from all branches of Science & Technology are invited for Poster Presentation. The interested participants are requested to submit the abstract (not exceeding 1000 words) only by online at www.bicpu.edu.in. The selected abstracts will be published in the proceedings of symposium.

- The short listed abstracts will be called for poster presentation and intimated by e-mail
- The best posters will be awarded for each category
- All Scientists, Faculty, Research scholars and students from Universities, Colleges and Research Institutions are invited to participate
- There can be only one presenter for a poster

Registration Fee

Sl.No	Category	ISCA Members	Non Members
1.	Faculty / Scientists	Rs.750/-	Rs.1000/-
2.	Research Scholars/Students	Rs.500/-	Rs.750/-
3.	Industry	Rs.2,000/-	Rs.2,500/-
4.	Accompanying Person	Rs.500/-	
5.	Spot Registration (for participation only)	Rs.1000/-	

The registration charges includes symposium proceedings (not for accompanying person) working lunch and refreshments. No spot registration for posters are entertained.

The demand draft should be taken in favour of The Organizing Secretary, SSTHD, Pondicherry payable at Pondicherry. The Demand drafts will be returned if the abstract is not short listed.

How to Register

Applicants can register only by online at www.bicpu.edu.in with the demand draft details. Demand draft should be sent by speed post to **Dr. A. Dinakara Rao**, The Organizing Secretary so as to receive before March 2, 2015. (Participant's name and address should be written at the back)

Poster Size

Height - 86 cm Width - 106 cm

Important Dates

Paper submission deadline: February 27, 2015

Demand draft submission: March 2, 2015

Intimation of selected posters: March 6, 2015

Accommodation

Selected candidates may request for accommodation through email. Accommodation can be arranged on first come first serve basis, on payment.

Venue

The Convention-Cum-Cultural Complex, Pondicherry University, Kalapet, Puducherry (Opposite to Pondicherry Engineering College)