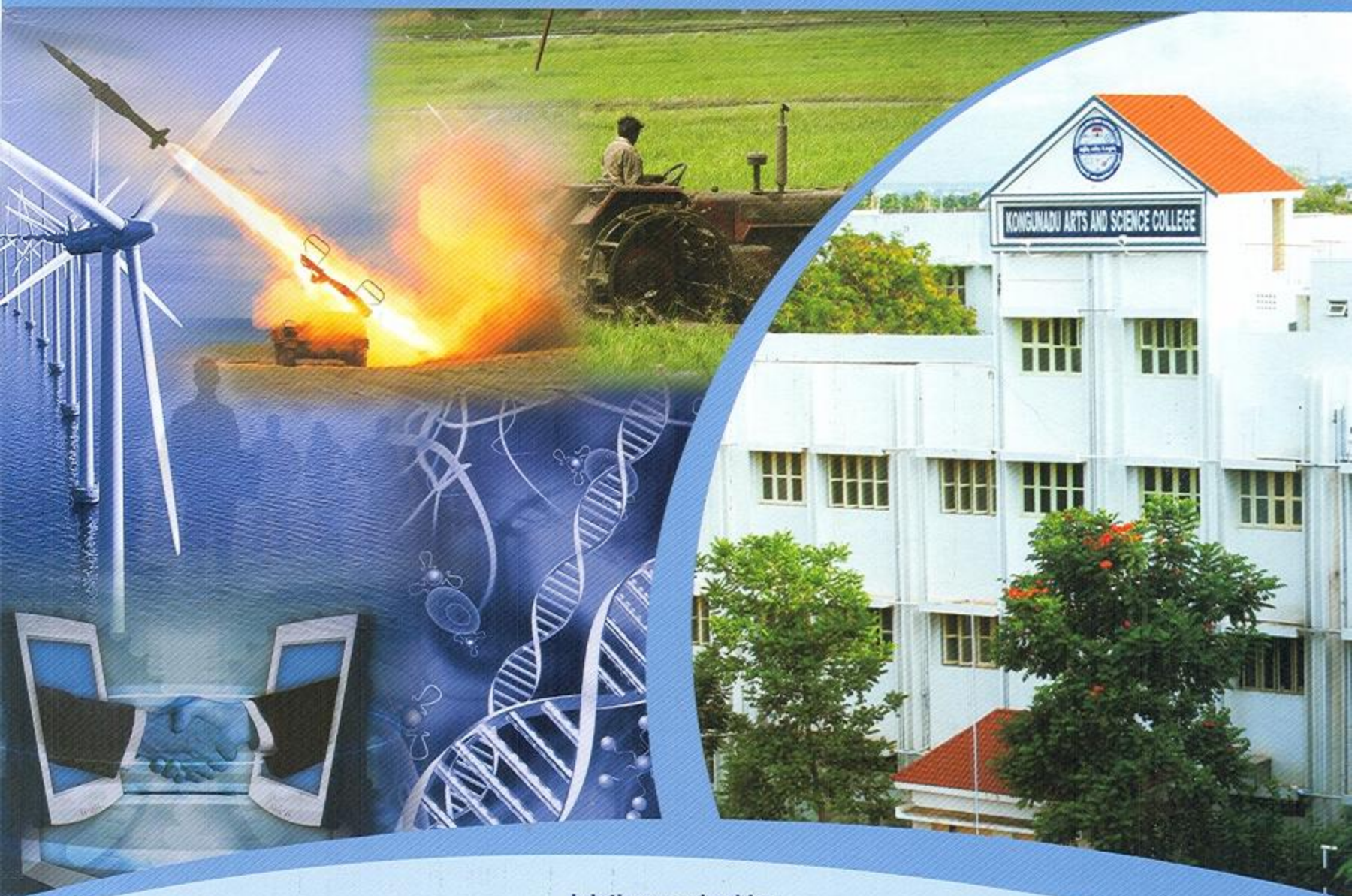




REGIONAL SCIENCE CONGRESS ON SCIENCE FOR SHAPING THE FUTURE OF INDIA

December 15-16, 2012



Jointly organized by
Indian Science Congress Association, Coimbatore Chapter
&

Kongunadu Arts and Science College (Autonomous)

Re-accredited by NAAC with 'A' Grade 3.80 CGPA out of 4(95%)

College with Potential for Excellence (UGC) and Star College (DBT)

Coimbatore - 641 029, Tamil Nadu

Website : www.isca-kongunaducollege.com

E-mail : iscacbe@gmail.com

About ISCA

The Indian Science Congress Association (ISCA) owes its origin to the foresight and initiative of two British Chemists, namely, Professor J. L. Simonsen and Professor P.S. MacMahon. It occurred to them that scientific research in India might be stimulated if an annual meeting of research workers somewhat on the lines of the British Association for the Advancement of Science could be arranged.

The first meeting of the Congress was held from January 15-17, 1914 at the premises of the Asiatic Society, Calcutta, with the Honourable Justice Sir Asutosh Mukherjee, the then Vice-Chancellor of the Calcutta University, as President. There are 14 scientific sections functioning under ISCA. Scientists and research scholars can present their findings in the respective sections during the ISCA meet which is held regularly from January 3-7 of every year in the recent past. There are 29 ISCA chapters spread all over India. This year ISCA celebrates its centenary year and decided to celebrate it in a grand manner. Only 3 chapters situated in Coimbatore, Delhi and Vadodara have been selected among the 29 chapters for the year long celebrations.

The special feature of this Centenary Session is that for the first time in the history of the Indian Science Congress, the Hon'ble Prime Minister in office, Dr. Manmohan Singh, is the elected General President. The 100th ISCA meet will be held at Kolkata which is the Headquarters of ISCA.

About Coimbatore Chapter

This Chapter was inaugurated by His Excellency, Hon'ble Dr. A.P.J. Abdul Kalam, Former President of India on 3.5.2008 in our College premises. Dr. M. Aruchami, Executive Committee Member of ISCA is the Convener of this chapter. He is also the Secretary & Director of the host institution. This Chapter has continued its efforts to popularise science and foster a scientific temperament among the Scientists and Researchers by involving them in a series of Workshops/Seminars/Conferences/ Lectures organised every year, since its inception.

About the Host Institution

Coimbatore, "The Gold of KONGUNADU" is an evergrowing industrial city. The long felt need for one more college to meet the educational needs of this city was fulfilled on 12th August 1973, the day of inauguration of this College. The golden history of our college has been recorded with 39 years of excellence in man-making education and this temple of learning has been striving untiringly for the growth of Head, Hand and Heart of its devotees.

Our college is an autonomous institution affiliated to Bharathiar University, Coimbatore. It has been **Re-accredited by NAAC with 'A' Grade Status securing 3.80 CGPA out of 4(95%)**. There are two milestones in the history of the College; one is "**College with Potential for Excellence**" (CPE) status awarded by UGC and the other is "**Star College**" status given by DBT, Government of India.

This Institute currently offers 20 UG, 13 PG, 11 M.Phil and 10 Ph.D courses. More than 3000 students are studying in our College inclusive of 219 scholars pursuing their research in various fields. So far 164 Ph.D scholars and 648 M.Phil scholars have been conferred degrees.

Focal Theme

The Theme of this Congress is "Science for Shaping the Future of India". Nowadays science plays a vital role in our day to day life. We are always in need of new scientific techniques for acquiring knowledge, increasing the yield of crops, producing power, curing the dreadful diseases, creating a clean and green environment, developing the infrastructural facilities, preventing the disasters, developing communication platforms, strengthening national security, etc.,

In the current scenario, the research activities taking place throughout India are not adequate when compared with the developed countries. Indian Science Congress Association would like to create the awareness on the importance of science and motivate the budding young researchers and the school children to do their research in an effective manner which will be helpful to make India a force to reckon with.

If people involve in research activities in their respective fields with sincerity and dedication, India will emerge as the mightiest country by 2020.

Programme

This Congress will be held as a Two days programme consisting of the Inauguration, Opening of a Science Exhibition, Sectional programmes, Children's Science Congress and the Valedictory Function.

Sectional Programmes

There are 9 sectional programmes which will be conducted on different topics related to science. These sectional programmes consist of lectures by invited experts followed by oral and poster presentations. The following table illustrates the different sections with its President, Sectional Recorder and Local Sectional Secretary.

S.No	Name of the Section	Sectional President	Sectional Recorder	Local Sectional Secretary
1	Agriculture and Forestry Sciences/ Plant Sciences/ Environmental Sciences	Dr. P. Sivasubramanian Director (Agri-business Development) TNAU, Coimbatore	Dr. S. Paulsamy Associate Professor in Botany KASC, Coimbatore	Dr. K. Arumugasamy Assistant Professor in Botany KASC, Coimbatore
2	Animal, Veterinary and Fishery Sciences	Dr. K. Kathiresan Professor Dept. of Marine Biology Annamalai University Annamalai Nagar	Dr. S. Logaswamy Associate Professor in Zoology KASC, Coimbatore	Dr. M. Lekeshmanaswamy, Associate Professor in Zoology KASC, Coimbatore
3	Anthropological and Behavioural Sciences (including Archaeology and Psychology & Educational Science and Military Sciences)/ Home Science	Dr. S. John-Michael Raj Professor in Psychology Co-ordinator, BU-CCCC Bharathiar University Coimbatore	Dr. B. Selvaraj Associate Professor in Psychology Govt. Arts College Coimbatore	Dr. N. Annalakshmi Associate Professor in Psychology Bharathiar University Coimbatore
4	Chemical Sciences/ Earth System Sciences	Dr. K.J. Rajendra-Prasad Professor & Head Dept. of Chemistry Bharathiyar University Coimbatore	Dr. V. Sangeetha Assistant Professor in Chemistry KASC, Coimbatore	Dr. R. Manimekalai Assistant Professor & Head Dept. of Chemistry KASC, Coimbatore
5	Information and Communication Science & Technology (Including Computer Sciences)	Dr. S. Thangasami Head, Dept. of Comp. Science & Engg., Dean R&D Kumaraguru College of Technology Coimbatore	Dr. T. Karthikeyan Associate Professor of Comp. Science PSG College of Arts & Science Coimbatore	Mr. B. Manogaran Associate Professor & Head Dept. of Comp. Science (PG) KASC, Coimbatore
6	Mathematical Sciences (Including Statistics)	Dr. K. Balachandran Professor & Head Dept. of Mathematics Bharathiar University Coimbatore	Dr. S.C. Palaniswami Associate Professor & Head i/c Dept. of Mathematics KASC, Coimbatore	Dr. K. Muthukumaraswamy Associate Professor in Mathematics KASC, Coimbatore

7	New Biology (Including Biochemistry, Biophysics & Molecular Biology and Biotechnology)/ Medical Sciences (Including Physiology)	Dr. Gangadhar Dean and Principal B.T.L. Group of Institution, Bommasandra Bengaluru.	Dr. G. Vivekanandhan Assistant Professor & Head Dept. of Biotechnology KASC, Coimbatore	Dr. S. N. Suresh Assistant Professor Dept. of Biotechnology KASC, Coimbatore
8	Physical Sciences/ Materials Science	Dr. D. Mangalaraj Professor & Head Dept. of Nano Science and Technology Bharathiar University Coimbatore	Dr. R. Sathyamoorthy Associate Professor & Head Dept. of Physics KASC, Coimbatore	Dr. B. Chandar Shekar Assistant Professor Dept. of Physics KASC, Coimbatore
9	Engineering Sciences	Prof. C. Muthamizh- chelvan Director, Faculty of Engg. and Technology S.R.M. University Chennai	Dr. K. Thangamani Professor, Dept. of Textile Technology Kumaraguru College of Technology Coimbatore	Dr. C. Velmurugan Sr. Associate Professor Dept. of Mechanical Engineering Kumaraguru College of Technology Coimbatore

Call for research articles

Scientists, research scholars and PG students of Universities, Colleges and Research Institutes are cordially invited to send their research articles to this Congress. The abstract (250 words) with full paper mentioning the respective section in the top page should be sent along with one hard copy and one soft copy to the Organizing Secretary on or before 31st October, 2012.

Address for Communication

Dr. T. Muraleeswari

Organizing Secretary, Regional Science Congress
Principal, Kongunadu Arts and Science College (Autonomous)
Coimbatore -641 029, Tamil Nadu.
E.mail: iscacbe@gmail.com

Format for Abstract (Specify the Section Name)

Text	:	Type in MS word with 1.5 line space and justified
Font Name	:	Time New Roman
Title	:	Font Size 16+Bold
Name of the Author	:	Font Size 14 +Bold
Address of the Author	:	Font Size 13
Body of the Abstract	:	Font Size 12



Monkey Falls - Aliyar, The Anamalais



Wild Life Sanctuary - Mudumalai, The Nilgiris

Two papers (one oral and one poster) will be selected from each section for the best oral and poster presentation awards. The prizes will be distributed in the valedictory function of the congress.

Children's Science Congress

School students (9th to 12th std.) are invited to participate in this Congress and special lectures will be arranged for them. Interested students can exhibit their scientific innovations in the Science Exhibition on 16th December 2012.

Note: Registration is Free for school students and for two staff members accompanying them.

Registration Fee

S. No.	Category	For Non Members	For ISCA Members
1	Academicians/Scientists	₹ 1,000	₹ 750
2	Students/Research Scholars	₹ 500	₹ 400
3	Accompanying Person	₹ 1,000	-
4	Industrialists	₹ 1,500	-

Note: Spot registration will not be entertained.

Mode of Payment

- ❖ Payment through Demand Draft or NEFT/RTGS only.
- ❖ Demand Draft should be drawn in favour of "Indian Science Congress Association, Coimbatore Chapter" payable at Coimbatore
- ❖ NEFT/ RTGS : Account Name : Indian Science Congress Association, Coimbatore Chapter, A/c No. : 170701000005201, Indian Overseas Bank, Kavundampalayam Kongunadu College Branch, IFSC No. IOBA0001707.
- ❖ Please write your Name and Address on the back of the Demand Draft.

Organizing Committee

National Advisory Committee

Dr. T. Ramasami

Secretary, DST.

Prof. Ved Prakash

Chairman, UGC

Prof. Geetha Bali

Immediate Past General President

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General President (Elect)

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General Secretary (Membership Affairs)

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Executive Committee Member

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Prof. P.P. Mathur

Convener, Pondicherry Chapter

Prof. G. Nageswara Rao

Convener, Visakhapatnam Chapter

Local Organizing Committee

Dr. M. Aruchami

Secretary & Director, KASC

Chief Patron cum Convener

Tmy. C.A. Vasuki

Joint Secretary, KASC

Patron

Dr. T. Muraleeswari

Principal, KASC

Organizing Secretary

- ❖ Kindly ensure your participation by registering at an early date.
- ❖ Last date for registration is 15th November 2012.
- ❖ Registration fee includes Congress Kit, Abstract volume of the Respective section, Breakfast, Lunch and Dinner.
- ❖ Multiple photo copies for registration may be taken from the original registration form.
- ❖ The delegates can also register through online.

Accommodation

The delegates will get accommodation in the college hostel on first come first served basis. Participants should intimate about hotel accommodation well in advance, if required. The arrangements will be made on the basis of token advance received.

Important Dates

Last Date for Abstract submission	31.10.2012
Last Date for submission of Full paper	31.10.2012
Intimation of Acceptance	07.11.2012
Last Date for Registration	15.11.2012
Last Date for Accommodation	15.11.2012

How to Reach us

Coimbatore is known as the Manchester of South India. The city is close to Ooty, the Queen of hill stations and a world popular tourist spot. Coimbatore city is well connected with all the major cities of India by road, train and air. The host institution is 15 kilometers from the airport and 9 kilometers from the railway station. It is situated 8 kilometers from Coimbatore on the way to Ooty. Many buses ply from Ukkadam and Gandhipuram bus stands and Railway Station to G.N.Mills Bus stop.

The following are the bus numbers:

From Ukkadam : 4, 4A, 4B, 4D, 26, 32B, 32H, 102B

From Gandhipuram : 27, 27A, 32, 32G, 83, 102, 102A, 111A

From Railway Station : 4E, 6A, 26, 26A, 32, 32A, 38A, 103

Tourist Place

The famous tourist places to be mentioned in and around the city are: Perur Siva Temple, Marudhamalai Hill Temple, Vellingiri Hill Temple, Easa Yoga centre, Eachanari Vinayagar Temple, Anubhavi Subramaniam Temple, Monkey Falls, Kovai Kutralam Falls, Vydehi Falls, Siruvani Falls and Dam, Kovai Kondattam Water Theme park, Black Thunder Water Theme park, Bhavani Sagar Dam, Amaravathi Dam, Thirumoorthy Hills, Aliyar Dam, Coonoor and Ooty.

Climate in Coimbatore

The temperature in Coimbatore is very moderate all through the year. Temperature varies from 18°C to 28°C in December. The days are warm and nights are cool and pleasant.

Contact Address

Dr. T. Muraleeswari

Organizing Secretary

Regional Science Congress

Principal, Kongunadu Arts and Science College (Autonomous)

G. N. Mills (PO), Coimbatore - 641 029

Phone : 0422 - 2647633, 2642095, Mobile : 98426 44360

To

Book Post

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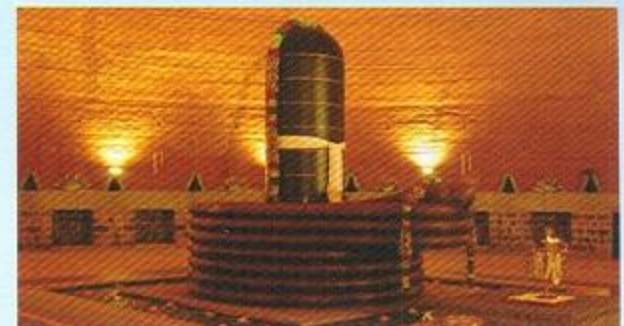
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Aliyar Dam, The Anamalais



Lord Muruga Temple - Maruthamalai, Coimbatore



Lord Shiva Temple - Isha Yoga Centre, Coimbatore



Tea Estate - Valparai, The Anamalais



Black Thunder - Mettupalayam, Coimbatore



Sims Park - Coonoor, The Nilgiris