



सत्यं शिवं सुन्दरम्

Office of the Director  
of Research A.A.U. Anand

Inward No. 7274

Date 23/8/12



# **Regional Science Congress on SCIENCE FOR SHAPING THE FUTURE OF INDIA**

**September 15<sup>th</sup> -16<sup>th</sup>, 2012**

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*Jointly organized by*  
**The Maharaja Sayajirao University of Baroda, Vadodara and  
Indian Science Congress Association (Baroda Chapter)**

**Email : [sciencecongressbaroda@gmail.com](mailto:sciencecongressbaroda@gmail.com)**



## Regional Science Congress

**Theme: Science for Shaping the Future of India**

On September 15<sup>th</sup> -16<sup>th</sup>, 2012

Jointly Organized by

**The Maharaja Sayajirao University of Baroda, Vadodara and  
Indian Science Congress Association (Baroda Chapter)**

Indian Science Congress Association (ISCA) was started by the pioneering efforts of Prof. J.L. Simonsen and Prof. P.S. MacMohan with a view to enhance the scientific researches in the country. Its first meeting was held at Asiatic Society of Calcutta during 15-17 January 1914. For the advancement of Science in the country this is biggest scientific body. Scientists and researchers can present their findings in 14 different sections of Annual session held every year during 3-7<sup>th</sup> January. There are 29 ISCA local chapters. Association celebrated its golden Jubilee in October 1963 at Delhi with Dr. D.S. Kothari as general president. This year is Centenary year of the Association and main function is scheduled to be held in Kolkata during 3-7<sup>th</sup> January 2013 with Dr. Manmohan Singh Ji as General President. As a part of year long celebrations three regional congresses at Vadodara, Delhi and Coimbatore are organized. The proposed congresses are aimed to motivate young talent to present their novel findings at national forum near their native places. The Congress is financially supported by DST, New Delhi.

The Congress is a part of 150<sup>th</sup> year of Celebrations of Shrimant Maharaja Sayajirao Gaekwad III. It is interesting to note that born in 1863 Maharaja was great visionary. He promoted free and compulsory education to girl child during early twentieth century. Baroda College of Science and Arts affiliated to Bombay University was started in 1881. He invited stalwarts like Prof. Shri Aurobindo Ghose and Acharya Vinoba Bhave as faculty members and send Dr. Bhimrao Ambedkar abroad for the study of Law.

Science and Technological advances made in the country are not fully utilized by industrial sectors and the fruits of immense hidden potential are yet to be tapped. The researchers need to work hard to solve the local/ national problems. There is a need to work with a zeal and commitment in various branches of Science and humanities so that fruits of Science can bring more joy and comforts to common man. The congress will be a platform to discuss various recent developments in scientific arena. And this will ultimately help to build a strong and developed nation as visualized by Dr. Kalam, former President of the country.


Regional Science Congress will provide unique opportunity to scientists and research scholars from different parts of the country particularly from Gujarat, Maharashtra, Goa, Rajasthan and Madhya Pradesh to participate and deliberate on various topics in 14 different sections during 15-16<sup>th</sup> September 2012.

### The University

The Maharaja Sayajirao University of Baroda, formerly known as the Baroda College, was founded by late His Highness Shrimant Maharaja Sayajirao Gaekwad III of Baroda in the year 1881. The efforts of establishing a university at Baroda were also initiated by him in 1908. The Maharaja Sayajirao University of Baroda came into existence on 29<sup>th</sup> April 1949. Smt. Hansa Mehta was not only the first Vice Chancellor of the University but also the first women Vice Chancellor in the country and second in the world at that time. She played a pioneering role in laying a firm foundation for an educational institution with a glorious tradition. Now it has 89 departments spreading over 6 campuses. Currently there are more than








36 thousand students imparted knowledge in 13 faculties. Our University feels proud to have an alumnus like Dr. Venkat Ramakrishnan, who was conferred with the Nobel Prize in Chemistry in 2009 and Padma Bhushan Mr. Sam Pitroda, Chairman of Knowledge Commission of India.


### Faculty of Science

With the formation of the university, the Silver Jubilee Science Institute, a part of the Baroda College, was reconstituted as the faculty of Science. Foundation stone of the Silver Jubilee Science Institute was laid by Sir Issac Rufus, then Viceroy and Governor General of India, in the year 1926 and the construction was completed in 1933. Since 1949, the faculty offers courses leading to B. Sc., M. Sc. and Ph.D. degree in Botany, Chemistry, Environment, Geography, Geology, Mathematics, Physics, Statistics and Zoology. The Faculty added thereafter two more departments: Departments of Biochemistry and Microbiology. Biotechnology and Genome Research Centre are known for their excellent work in whole of western India. Different regular and self-financed courses are available for the students in ten departments. Considering the need of the society Masters degree in Software Technology and dual degree programme in Cell Biology has been introduced recently.

### Programme




Two day programme will include inaugural and valedictory Functions, Invited lectures and oral and poster presentations in following 14 Sections. Participants may mention their choice (oral/ Poster) but the decision of Sectional President will be final and would be conveyed by E Mail. Children Science Congress will be organized in the morning of 16<sup>th</sup> September, 2012 where invited lectures and presentations by school students will be held.



S.No.	Sections	President	Secretary
1	Agriculture/ Forestry Sciences	Dr. Ashok Saxena	Dr. R.N. Pandey
2	Animal, Veterinary and fishery	Dr. Geeta Padate	Prof. P.C. Mankodi
3 a.	Anthropological and behavioral Sciences/ Psychology/ Education/ Archaeology/ Social science/	Prof. R.G. Kothari	Prof. K. Krishnan
3. b.	Family and Community Science/Home Science/	Prof. Uma Joshi	Dr. Rameshwari Pandya
4	Chemical Sciences	Prof. B.V. Kamath	Dr. P.T. Deota
5	Earth System Sciences	Prof. L.S. Chamyal	Prof. Rolee Kanchan
6	Engineering Sciences	Prof. A. N. Mishra	Prof. A. S. Patel
7	Environmental Sciences	Prof. K. C. Tiwari	Shri A.R. Shah
8	Information and communication	Dr. Niti Chopra	Dr. Anjali Pahad
9	Material Sciences	Prof. P. B. Joshi	Dr. S. Bhattacharya
10	Mathematics including Statistics	Prof. T. K. Das	Prof. K. Murlidharan
11	Medical Sciences	Dr. A. T. Leuva	Dr. Y. S. Marfatia
12	New Biology ( Biochemistry/ Biophysics / Microbiology/ Biotechnology)	Prof. T. Bagchi	Dr. G. Naresh Kumar
13	Physical Sciences	Prof. A. C. Sharma	Prof. N. L. Singh
14	Plant Sciences	Dr. ( Mrs.) G. Sandhya Kiran	Dr. N.S.R. Krishnayya


### Call for Papers



All scientists, researchers and students from universities, colleges, institutes and research organizations, are cordially invited to contribute in Regional Science Congress 2012. Submit your abstract (250 words) mentioning the session of their choices (1-14) in one hard copy along with a soft copy through e-mail to [aryaarunarya@rediffmail.com](mailto:aryaarunarya@rediffmail.com).


Email : [sciencecongressbaroda@gmail.com](mailto:sciencecongressbaroda@gmail.com) as per the prescribed format before August 25, 2012.

### Format for Abstract (Mention Section)



**Text:** Type in MS Word with single space and justified  
**Fonts:** Times News Roman only  
**Title:** Font Size 14 pt., bold caps  
**Address:** Font Size 12pt., bold, with presenting author underlined  
**Body text:** Font Size 11pt., normal, justified. The text should contain objectives, brief results and conclusion.






## Best Paper Presentation Award

Two papers (one poster and one oral ) in each section will be selected for award. The prizes will be distributed in valedictory function to be held on 16<sup>th</sup> September at 5 p.m. President of the section or a committee will judge the entries for award.

## Registration Fee



Sr. No.	Category	For Non Members	For ISCA Members
1.	Delegates	Rs. 1500	Rs. 1200
2.	Students	Rs. 700	Rs. 500
3.	Accompanied Person	Rs. 1200	-
4.	Participants from Industry	Rs. 2500	-

Note there is no provision of on the spot registration.

Kindly ensure your participation by registering at an early date. Last date of Registration is 8<sup>th</sup> Sept., 2012

**Registration charges include**, copy of abstract, two lunch, one dinner and accommodation in Hostels. Participants should write about hotel accommodation, if required. Charges for the same will be collected in advance extra.

**Registration for Children's congress is free.**



## Accommodation


The delegates will get accommodation in University Hostels on first cum first serve basis. The city has various 2 or 3 star hotels in which accommodation can be booked in advance. The organizers will help to find out suitable accommodation at an extra cost if needed.

## Mode of Payment

By Cash or Demand draft

Draft should be in the name of


**"Organizing Secretary, Regional Science Congress, Vadodara"**



## Climate in Vadodara

Weather will be pleasant at Vadodara during September. Average temp. 20-25°C.

## Children's Science Congress




1.	Children's Science Congress	Prof. Uma Joshi President	Dr. Rameshwari Pandya Secretary
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School going children (9<sup>th</sup> - 12<sup>th</sup> Std.) will be invited to participate in the congress. Special sessions will be held for these students. Children can also present their views/ findings. There will be no registration fee for the students. Only school Principals are entitled to nominate the students for this event. School students, however, are not entitled to present their papers in Scientific sections.

## Important Dates

•	Registration ( Last date)	8 <sup>th</sup> September, 2012
•	Abstract submission	25 <sup>th</sup> August, 2012
•	Full length Paper	25 <sup>th</sup> August, 2012
•	Accommodation	25 <sup>th</sup> August, 2012





# Regional Science Congress Organizing Committee

## NATIONAL ADVISORY COMMITTEE

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Sec. Ministry of Earth Sciences, New Delhi

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**Convener**

**Prof. Arun Arya**, Head, Dept. of Botany

**Organizing Secretary**

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**Prof. R. G. Kothari**, Dean, Faculty of Education and Psychology

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**Dr. Haribhai R. Kataria**, Syndicate member

**Prof. D.A. Sant**, Senate member

## Contact Address

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0265-2791891 (O) 09377361673 (M)

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Registration form  
**Regional Science Congress**  
**Science for Shaping the Future of India**  
On 15-16th September 2012

Jointly organized by  
**The Maharaja Sayajirao University of Baroda, Vadodara and**  
**Indian Science Congress Association (Baroda Chapter)**  
Email : sciencecongressbaroda@gmail.com

Name \_\_\_\_\_ M/F \_\_\_\_\_

Member : ISCA                      Yes \_\_\_\_\_ No \_\_\_\_\_ No. \_\_\_\_\_

Designation \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

E-mail \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Mobile \_\_\_\_\_

I intend to attend [    ] the Congress and present [    ] the paper

Title of the abstract \_\_\_\_\_

\_\_\_\_\_

Cash / Demand Draft No. \_\_\_\_\_

Dated \_\_\_\_\_ For Rs. \_\_\_\_\_

In favour of Organizing Secretary, Regional Science Congress, Vadodara

Signature of participant