

Rio+21 IYWC India Program

Closure Report: 2013-2014

Submitted by;
IARC Centre for Science & Culture, Mumbai

Submitted to;
UN Water, UNDDD, UNCSD & Select Government Offices (in India)



www.iarc.res.in/iywc

Water, Water, Everywhere
Only, if we Share



Cerebralating Water for People



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Rio+21 IYWC India Program

Closure Report

I congratulate each and every individual associated with Rio+21; for together realizing that Water is critical to create the Future We Want.

Rio India Programs are a part of a decade long (2012-2021) listed commitment with UNCSA. Rio+21 IYWC India Program was the self-funded initiative of IARC Centre for Science & Culture, the education and outreach arm of Indian Astrobiology Research Centre (IARC) in association with Rio+20 to promote United Nations Conference on Sustainable Development (UNCSA) Rio+20 Outcome and Sustainable Development.

The focus area of the 2013-2014 Rio+21 program was Water; in accordance with the United Nations initiatives of International Year of Water Cooperation (IYWC) as well as United Nations Decade for Deserts and the fight against Desertification (UNDDD). It was a National Level effort that primarily consisted of short-term certification courses for the public as well as school and college students.

The Rio+21 program was supported in-kind by key organizations, government offices as well as the Ministry of Water Resources. Rio+21 IYWC India Program was successfully implemented across India because of the network of volunteers, coordinators, academic staff and campus ambassadors (students).

Thousands of participants from over hundred and fifty schools and colleges across India as well as non-students participated in the certification program. Participants were awarded certificates with official logos, medallions and decorated in the National Hall of Fame.

The effort to infuse hope and inspiration now moves to Rio+22 and to Redux programs; please see *the way ahead* at the end of this report to know more about creating the Future We Want.

Vaidya

Pushkar Ganesh Vaidya
Head, Rio India Programs



Rio+21 IYWC India Program

Summary

Scope & Duration: All India from July 2013 to February 2014

Nature of Activity: Certification Program in the form of short-term co-curricular courses for public as well as school and college students.

Mode of Delivery: Content was delivered through a richly illustrated book and CD (ppt, ebooks and videos) facilitated by coordinators and campus ambassadors (in English only) however participants had the option of writing exams in select Indian languages.

Fee & Honorariums: The fee for school participants was Rs. 300 and for college participants it was Rs. 600. Honorarium of Rs. 50 per participant was given to college coordinators and or campus ambassadors. The honorarium was primarily given to cover admin costs and as a token of appreciation for the volunteership.

Assessment & Evaluation: Participants were assessed through a written exam. The questions were of descriptive nature only and there were no right or wrong answers. The idea was to encourage the participants to put forth their informed views. The answers were evaluated based on the effort put in the thought process, structure, originality, and articulation skills.

Participating Institutes & Winners: Some of the topmost institutes and education groups in India participated in the program. The complete list of institute names and A+ winner names will be uploaded on the Rio+21 website in April 2014.

Content Download: The program content will be available for free download in April 2014, on iarc.res.in/education as per IARC' CC BY-NC-ND 2.5 science commons license.

Rio+21 - Number of Institutes: 160

Rio+21 - Total Participants in Certification Program: ≈ 10,000

Rio India Programs, Head: Pushkar Ganesh Vaidya

IARC Environment Focus Group: Dr. Arun Dholakia & Dr. Nehal Shah

Rio+21 Project Coordinators: Jacob Shetty & Poonam Jaiswal



Rio+21 IYWC India Program

NATIONAL HALL OF FAME

The best performer from each institute was awarded A+ grade and decorated with Silver medal while Gold medals were awarded to Twenty One participants on a national level – Rio+21 IYWC Hall of Fame winners.


| Name of College | Location | A Plus Winner |
|--|---------------------|-------------------|
| Hemwati Nandan Bahuguna Garhwal University | Srinagar | Shanker Karki |
| Gayatri Vidya Parishad College of Engineering | Vizag | R.Sai Surekha |
| Indian Institute of Technology, BHU | Varanasi | Anannya Chaudhary |
| University School of Information & Communication Technology | New Delhi | Prateek Agrawal |
| Sophia College for Women | Mumbai | Ritu Sharma |
| Miranda House | New Delhi | Boijayanti Sarker |
| Shiv Nadar University | Gautam Buddha Nagar | Sai Rathna M K |
| Shri Dnyaneshwar Mahavidyalaya | Newasa | Satish Pitekar |
| Jadavpur University | Kolkata | Cherry Agarwal |
| Dr SSB University Institute of Chemical Engineering & Technology | Chandigarh | Monika Sharma |
| Vishwakarma Institute of Technology | Pune | Ranveer Ghatge |
| National Institute of Technology, Jamshedpur | Jamshedpur | Ayushi Rastogi |
| Indian Institute of Forest Management | Bhopal | Nupur Maroti |
| Banaras Hindu University | Varanasi | Aditya Sinha |
| Andhra University College of Engineering for Women | Vizag | Shweta Sharma |
| Lady Shri Ram College for Women | New Delhi | Anahitaa Bakshi |
| Daulat Ram College | New Delhi | Arushi Dogra |
| Indian Institute of Technology, Bombay | Mumbai | Ketav Mehta |
| Ram Lal Anand College | New Delhi | J Solomon Douglas |
| Hindu College | New Delhi | Rohit Rawat |
| Jaypee Institute of Information Technology | Noida, Sector 62 | Tanvi Gandhi |



Rio+21 IYWC India Program

In-kind Partnerships

Rio+21 IYWC India Program formed in-kind partnerships with organizations in India and abroad in order to enhance the reach and quality of the program.

| | |
|---|---|
|  | <p>AIESEC is the Youth Partner of Rio+21 IYWC India Program. AIESEC is a global, non-political, independent, not-for-profit organization run by students. AIESEC members are interested in world issues, leadership and management.</p> |
|  | <p>The Rain Centre, the first of its kind in the country, is a one-stop information and assistance Centre on Rainwater Harvesting (RWH). It is a venture of Akash Ganga Trust, Chennai. The Rain Centre supports Rio+21 IYWC India Program initiative in promoting Rainwater Harvesting on premises of institutes.</p> |
|  | <p>tve is a collective name for Television for the Environment and Television Trust for the Environment. tve has created wonderful films on various subjects including water, which inspire change. Future Food films series and Films for Change are some of their recent projects. Their aim is: To make people think. We inform. We spark debate. We inspire change.</p> |
|  | <p>The Water Channel, Wageningen, is an open resource with lots of videos related to water. It is a community of creative people tuned into water. Their vision is become an open source for practical and inspiring learning, and to bring water on many unexpected agenda's!</p> |
|  | <p>The Russian Centre for Science and Culture (RCSC), Mumbai organizes regularly wide spectrum of activities in the fields of culture, science, business, sustainable development, Russian language research programmes and other events.</p> |
|  | <p>Sustainia is a concept for communicating a sustainable future based on concrete and tangible know-how and technologies – a global collaborative platform for building a model and vision for a sustainable future.</p> |



Rio+21 IYWC India Program

In-kind Support

Rio+21 India Program received in-kind support from government agencies, Indian and international organizations and college events in India. The names of those who sent us goodwill messages expressing support are listed below; the copies of the messages are available on the website.

Hon'ble Principal Secretary, Ministry of Water Resources, Dr. S. K. Sarkar

Hon'ble Chief Minister of Gujarat, Shri. Narendra Modi

Hon'ble Director, Russian Centre for Science & Culture, Mumbai, Shri. V. V. Dementiev

Hon'ble Governor of Maharashtra, Shri. K. Sankaranarayanan

Hon'ble Governor of Karnataka, Shri. H. R. Bharadwaj

Hon'ble Governor of Chhattisgarh, Shri. Shekhar Dutt

Hon'ble Governor of Kerala, Shri. Nikhil Kumar

Hon'ble Governor of West Bengal, Shri. M. K. Narayanan

Hon'ble Governor of Bihar, Shri. D. Y. Patil

Hon'ble Trustee, Thakur Education Group, Mumbai, Shri. Jitendra. R. Singh



Rio India Programs

the way ahead

The media, academics and participants alike have hailed Rio India Programs for their approach; as evident in the testimonials. IARC has been associated with United Nations initiatives since 2010 including the decade long (2012-2021) listed commitment with UNCSO.

Rio+21 IYWC India Program (2013 - 2014) - Water

UNCSO Rio+20 India Program (2012 - 2013) - Sustainable Development

IYF 2011 Certification Program (2011 - 2012) - Forests

IYB 2010 ~~Extra~~terrestrial First Campaign (2010-2011) - Biodiversity

Rio India Philosophy: The purpose is to infuse hope and inspiration and thereby provoke individuals to create the Future We Want in India and the world.

Knowledge and awareness per se are not at the centre of Rio India philosophy. The focus is on perspectives and hence the programs offer a three sixty-degree view of a given theme; we believe an inspired individual will Rise to find the requisite knowledge to create the Future We Want.

Redux Programs: IARC will supplement the certification programs with on-ground activity opportunities through Redux programs, beginning with the Rio+21 Water Redux - a national level initiative to bring about implementation of Rain Water Harvesting projects on premises of institutes.

Rio+22 Energy India Program: Sustainable Energy for All India Program has been committed to UNCSO. Rio+22 will focus on Energy; another critical aspect of the Future We Want.

Coming soon: IARC will soon consolidate all its United Nations related initiatives under a dedicated education & outreach arm. The domain for the new arm is www.iarc.res.in/unitednations

