

3. Dr. Cecilia Tortajada, President of the Third World Center for Water Management, Mexico. Some other eminent International experts are likely to attend the conference and deliver key note speech in different technical sessions.

WHO MAY ATTEND ?

The Seminar will be of great interest to the participants from:

- Power Sector utilities
- Irrigation/ Water Resource Departments
- Power equipment manufacturers
- Consultants
- Academic and Research Institutions
- Service providers
- Policymakers
- Power Traders
- Captive Power Generators
- Environmental Scientists
- Students

REGISTRATION FEE

The registration fee for participation in the Seminar is as under:

Foreign delegates	US \$ 300
Participants from Government Organisations	Indian Rs. 7,500/-
Participants from Industry/Public Sector/Utility Services	Indian Rs. 8,000/-
Academicians/Researchers	Indian Rs. 3,000/-
Students	Indian Rs. 1,000/-

In case of four or more nominations from a single institute/organization, 10% discount will be offered in the registration fee.

The registration fee covers the cost of registration kit, proceedings, and lunch and tea in-between the technical sessions. The participants will have to make their own arrangements for travel and stay.

The last date for receipt of the registration form is 15th February 2013. Photocopies of the registration form can be used for additional requirements, if any.

Spot registration facilities will also be available, provided prior information is received.

ACCOMMODATION

The seminar is non-residential. However, limited single / twin sharing accommodation will be available on chargeable basis on request. Details will be available in our website.

SPONSORSHIP

The Symposium will provide excellent opportunities to national and international organizations; central/ state government organizations, public sector undertakings, industrial organizations, equipment manufacturers, entrepreneurs, financial and

funding institutions, consulting organizations and construction companies to publicize themselves by being a Platinum / Golden / Silver Sponsors of the Seminar. The sponsorship fees payable and benefits are mentioned below.

Platinum Sponsor – Indian Rs. 4,00,000.00

- Free registration for 15 delegates
- Company name and logo on Symposium Web Page (linked to the company website), proceedings, banner/ signage, stationary items etc.
- A full page advertisement in the Souvenir
- Distribution of Literature/Brochures

Golden Sponsor – Indian Rs. 3,00,000.00

- Free registration for 10 delegates
- Company name and logo on Symposium Web Page (linked to the company website), proceedings, banner/ signage, stationary items etc.
- A full page advertisement in the Souvenir
- Distribution of Literature/Brochures

Silver Sponsor - Indian Rs. 2,00,000.00

- Free registration for 7 delegates
- Company name and logo on Symposium Web Page (linked to the company website), proceedings, banner/ signage, stationary items etc.
- A full page advertisement in the Souvenir
- Distribution of Literature/Brochures

ADVERTISEMENT OPPORTUNITIES

Space will be made available for coloured advertisement in the Souvenir (A4 size coloured) being brought out on the occasion of the Seminar. The interested organizations are required to send the advertisement material, i.e., Art Work/ Negative/ Positive along with payments as detailed below:

Inner pages	Indian Rs. 20,000.00
2nd & 3rd Cover	Indian Rs. 40,000.00
Back Cover	Indian Rs. 60,000.00

Mode of Payment:

All payments shall be made through at par Cheque/ Demand Draft drawn in favour of **OHPC Training & Seminar A/c No. 912010060046195** payable at Bhubaneswar. Online payment also available through internet banking, debit card & credit card.

GENERAL INFORMATION

India – The Host Country:

India is endowed with towering mountain ranges, rolling hills, lofty plateaus and extensive plains, which have played their role in shaping its cultural, economic and political history. The most outstanding characteristics of India, and probably one of its

greatest charms, is undeniably, its diversity. India is a country with a sense of individuality and rich heritage ; its civilization is unique in vitality and antiquity. It offers the visitor something special everywhere, and in everything. It is a land of treasures, temples, palaces, forts and magnificent scenery. Those seeking footprints of history will find that India has been a vast arena, where races and cultures have battled and blended, creating sublime achievements in art, religion and philosophy.

Odisha - The Host State:

Odisha is surrounded by West Bengal on the north-east, Jharkhand on the north, Chhatisgarh on the west and Andhra Pradesh in the south-west while the Bay of Bengal washes its shores on the south-east. It is located between the parallels of 17°49'E and 22°34'N Latitudes and the meridians of 81°27'E and 87° 29'E longitudes. The state is famous for the Lord Jagannath Temple at Puri, the Sun Temple at Konark & several Buddhist site at different places such as Dhauli Santi Stup, Lalitgiri, Ratnagiri & Udayagiri etc. Hirakud dam, the longest dam of India is situated 350 Km. from the state capital. Owing to its peculiar geographical location and wide range of physical features, Odisha embraces a diversified floristic composition. The extensive ranges of hilly forests, several lofty peaks, long stretch of coastline, excellent riverine system, brackish waters and coastal plains altogether have endowed the state with a wide range of ecological habitats for a diverse and broad spectrums of vegetation.

Bhubaneswar - the Host City:

Odisha has been fast emerging as the gateway to the east of India. Bhubaneswar the capital of Odisha is also called the temple city of India. Bhubaneswar is well connected with air, rail, road and Sea. Several super fast trains connect Bhubaneswar with important cities of India like Kolkata, New Delhi, Chennai, Mumbai, Hyderabad, Bangalore, Patna, Cochin & Guwahati etc. The popular tourist spots in the state are well connected with the capital city of Bhubaneswar.

For further details, please referred to our website. www.ohpcld.com

SEMINAR SECRETARIAT

K. S. Biswal, Manager (P.R.) & Secretary, Organising Committee
International Seminar on Hydropower & Sustainable Development
C/o Odisha Hydro Power Corporation Ltd.

OSPH & WC Building, Vanivihar Chowk
Janpath, Bhubaneswar 751 022

Tel: +91 674 254 2983/254 2802/254 5526/ 254 2826

Mob: +91 8763185392

Fax: +91 674 -2542102 / 2547058

E-mail: seminar.ohpc@gmail.com, seminar@ohpcld.com

Web: www.ohpcld.com

International Seminar HYDRO POWER & SUSTAINABLE DEVELOPMENT

21-22 February 2013
Bhubaneswar, (Odisha) India



Organisers



Knowledge Partner



DoWRD&M, IIT Roorkee, India



Rengali Hydro Electric Project, Rengali, Odisha



Hirakud Hydro Electric Project, Burla, Odisha



Chiplima Hydro Electric Project, Chiplima, Odisha



Upper Kolab Hydro Electric Project, Bariniput, Odisha



Balimela Hydro Electric Project, Balimela, Odisha



Upper Indravati Hydro Electric Project, Mukhiguda, Odisha

INVITATION

Odisha Hydro Power Corporation Ltd. (OHPC) and Central Board of Irrigation & Power (CBIP) are pleased to announce an International Seminar on Hydro Power & Sustainable Development on Thursday & Friday, 21st & 22nd February 2013 at Bhubaneswar.

The Organizing Committee extends a cordial invitation to all concerned with Hydro Power Development and Environment to participate in the Seminar and contribute to the deliberation. The Organising Committee will endeavour to provide you an enjoyable stay and exciting experience.

OBJECTIVE

Water & Energy are indispensable for human sustenance. The demand for water & energy on a global scale is increasing rapidly in accordance with population growth & improved living standard. Considering the impact of global warming on climate change due to absorption of green house gases released from the burning of fossil fuels used for generation of conventional Power, the importance of renewable energy such as hydro power has increased further. It is high time to keep a balance between meeting the energy needs of the people and sustaining the environment in a healthy manner. In view of this, the best alternative is generation of Hydro Power, which is clean and environment friendly. The objective of the Seminar is

- " To provide a forum/platform for exchanging information & ideas as well as presenting new developments in various fields of hydro power
- " To encourage the policy makers for the future development of hydro power in an environmentally & socially responsible manner
- " To create awareness & disseminate balanced information about the advantages & disadvantages of hydro power to the public

ABOUT THE ORGANIZERS

Odisha Hydro Power Corporation (OHPC Ltd.) is a gold rated ISO 9001:2008, 14001, OHSAS 18001 company of Govt. of Odisha and operating 6 nos. multi located hydro power stations at Hirakud, Chiplima, Rengali, Upper Kolab, Upper Indravati, & Balimela and one Joint hydro Power Project with APGENCO at Macchkund. The Total installed capacity is 2062 MW. OHPC is now in the process of diversifying into the fields of solar, thermal etc.

The Central Board of Irrigation and Power (CBIP), since its inception in 1927, is engaged in the dissemination of information regarding recent technological advancements in the disciplines of water resources, dam engineering, tunnels and underground works, rock mechanics, geosynthetics, power and renewable energy. Besides, it provides a forum for exchange of experiences, facilitating flow of technology through the organisation of symposia, seminars, workshops, training courses, both at national as well international levels, in liaison with international organisations.

The CBIP acts as Secretariat of the Indian Chapter as well as Indian National Group of many international organisations like International Society for Rock Mechanics (ISRM), International Water Resources Association (IWRA), International Commission on Large Dams (ICOLD), International Geosynthetics Society (IGS), International Tunnelling and Underground Space Association (ITA), World Water Council, etc.

Knowledge Partner

Department of Water Resources Development & Management, Indian Institute of Technology, Roorkee, was established in 1955 as an Asian African Centre to honour India's commitment at the Asian African Conference held in Bandung. The department offers application based Postgraduate Degree programmes in Water Resources Development and Irrigation Water Management primarily for imparting training to in-service Engineers (Civil, Electrical and Mechanical) and Agricultural Scientists. Sponsorship from the organisation is essential for obtaining admission to

various programmes in the department. A balanced blend of academicians and field engineers in the faculty with long experience in planning, design, construction, operation, and maintenance of water resources and hydropower projects help in implementation of application oriented academic programmes. The department is actively involved in research, development and extension activities in the areas of water resources, hydropower and irrigation management. The department has so far trained over 2543 in-service engineers and agricultural scientists from 50 countries including India.

TOPICS FOR DISCUSSIONS

Themes

The Seminar will broadly cover the following themes:

- Energy and Development
- Hydropower and Environment
- Hydropower and Society
- Environment Impact assessment
- Recent Trends in Equipment and Technology
- Financing of Hydropower Projects & Private players in Hydro Power Development

Sub-themes

- Some of the following issues related to hydropower and renewable energy systems but not necessarily limited to these areas are to be addressed under the broad theme mentioned above:
- Climate change, Anthropogenic activities and role of renewable energy
- Endangered species, fish habitat
- Environment flow
- Reservoir GHG emissions
- Cultural and social issues including R & R
- Environmental management
- Sediment and erosion management
- Water quality
- Dam removal / project decommissioning
- Storage and pondage based hydropower development
- Innovation in equipment to mitigate / reduce environmental foot prints
- Wind / solar - hydro operation
- Financing, incentives for hydropower projects
- Reliability, risk, resiliency and vulnerability assessment.
- Low impact development
- Conflict resolution and water management

DATES AND VENUE

The Seminar will be held at Bhubaneswar during 21-22 February 2013.

CALL FOR PAPERS

All concerned wishing to present paper(s) on one or more of the above-mentioned sub-themes/allied sub-themes are requested to send the synopsis(es) of their proposed paper(s) in about 800-850 words, typed in double space, on A4 size (210 mm x 297 mm) paper, in English to the symposium secretariat.

Only original contributions that have not been published, or presented at other events, need to be submitted. Details in the Annexure.

The synopsis should be submitted in MS-word format as well as in PDF Format through e-mail at seminar.ohpc@gmail.com, seminar@ohpcltd.com

Synopsis should contain:

- A brief descriptive title
- Name(s) and affiliation(s) of the author(s)
- Address for correspondence (including FAX No., phone and e-mail address)
- Detailed information about the contents and conclusions of the paper.

The purpose of requesting a comprehensive abstract is to enable the reviewers to make a correct appraisal of the suitability of the paper for the Seminar.

The synopsis will be reviewed by the Technical Committee of the symposium for their suitability for presentation.

DATES TO REMEMBER:

Deadline for submission of synopses	07.01.2013
Notification of acceptance of synopses	20.01.2013
Submission of full texts of the accepted presentations	05.02.2013

Technical Committee

The following committee will scrutinize the papers submitted for the seminar.

1. Dr. Bernhard Pelikan,	8. Er. Sital Kumar Jena
2. Prof. Eduard Doujak	9. Prof. U.C. Chaube
3. Prof. Devadutta Das	10. Prof. S.K. Tripathi
4. Er. Sahadev Khatua	11. Prof. Nayan Sharma
5. Er. A.C. Gupta	12. Prof. M.L. Kansal
6. Er. Balaraj Joshi	13. Prof. Deepak Khare
7. Dr. B. P. Das	14. Dr. S.K. Mishra

Key Note Speaker

Prof. Asit K Biswas, Distinguished Professor, Lee Kuan Yew School of Public Policy, National University of Singapore; has agreed to deliver the key note address during the seminar.

Guest Speakers

1. Prof. Bernhard Pelikan, Professor, Institute for Water Management, Hydrology and Hydraulic Engineering, University of Natural Resources and applied Life Science, Vienna, Austria
2. Prof. Eduard Doujak, Institute of Energy Systems and Thermodynamics, Vienna University of Technology, Vienna, Austria.

International Seminar

HYDRO POWER & SUSTAINABLE DEVELOPMENT

21-22 February 2013

Bhubaneswar, (Odisha), India

REGISTRATION FORM

(To be filled in block letters, preferably typed)

1. Name of the Delegate _____
(Surname) (First Name) (Prefix Prof./Dr./Mr./Ms./Mrs.)
Designation _____
Name of Organisation _____
Mailing Address _____

City _____ State _____
Country _____ PIN _____
Phone _____ Fax _____ E-mail _____

2. Passport details (only for foreign delegates)

Name	Passport No.	Date of issue	Place of issue	Valid till date
1.				
2.				
3.				

3. Arrival Details

Arrival at Bhubaneswar	Departure from Bhubaneswar
Date Flight/Train No. Time From City	Date Flight/Train No. Time To City

4. Payment details

- (i) Registration Fee –Delegate _____ Indian Rs.
Sponsorship/Advertisement Cost _____ Indian Rs.
Total: Indian Rs. _____
- (ii) Bank Draft/Cheque No. _____ dated _____ for
Indian Rs. _____ in favour of OHPC TRAINING & SEMINAR payable
at Bhubaneswar is enclosed / is being sent separately.
- (iii) Payment has been transferred to AXIS Bank Account No. 912010060046195
on dtd. _____ through Internet Banking / Debit Card / Credit Card.
Bank Details: A/C No. 9120060046195, IFSC: UTIB0000024, MICR:
751211002

Dated _____ Signature _____

Notes:

1. Registration Form duly filled in, together with necessary payments to be mailed to Seminar Secretariat.
2. Last date for the receipt of the registration forms is 15th February 2013. Spot registration facilities will also be available, provided prior information is received.

ANNEXURE

INSTRUCTIONS FOR PREPARATION OF PAPER

HOW TO PREPARE A PAPER FOR THE INTERNATIONAL SEMINAR ON HYDROPOWER AND SUSTAINABLE DEVELOPMENT

D. Das (author(s) name) (12 pt. Arial)

Abstract: (Arial 12 pt)- This text is written in the layout required for the paper to be submitted to the International Seminar on "Hydropower and Sustainable Development". The abstract should not exceed 10 lines and should contain information on the ideas of the paper. The abstract should have an indentation of 2 cm on both sides.

1. Introduction -Main Heading (14 pt. Arial, bold)

In order to enable to uniform appearance of the conference paper, the following guidelines must be considered in the preparation of the paper.

2. Contents

Contents of the contributions should be original and address the subject theme scientifically.

3. Layout and Formatting

The paper should not exceed 10 pages in Format A4.

Please use a margin of 3 cm at the top and of 2.5 cm on the bottom, left and right.

The font-style should be Arial and for the right font-size, please refer to Table 1.

	Font size [points]	Font style
Title	16	Bold, block letters, centered
Author(s)	12	Normal, centered
Abstract	12	Normal, extra 2 cm margin
Heading, level 1	14	Bold
Heading level 2 and 3	14	Normal
Text, references	12	Normal
Captions, picture designations	10	Normal

Table 1: Font-style and font-size

It is also important, that you don't use page numbers or headers in your paper.

4. Pictures, Diagrams and Tables

4.1 Pictures

The conference – pages shall be copied onto CDs and distributed to the delegates at the conference. Hence the photographs if used in a paper, should be clear and legible. The final paper is needed in the following formats: "doc or "docx AND "pdf. Please note that the quality of the included pictures is not too small.

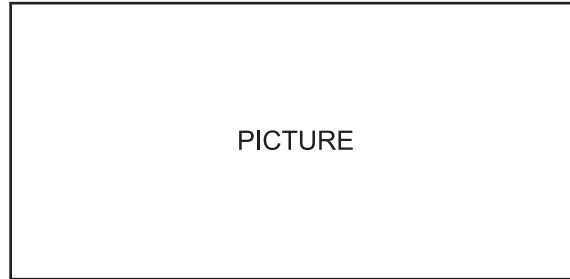


Fig.1 : Sample picture (10pt. Arial)

4.2 Diagrams and Tables

The text, used in the diagrams and table should be clear and legible.

5. Structure

The structure of the paper submitted should confirm to the following format.

Title	(block letters, centered)
Short list of author(s)	(first name abbreviated, surname without title)
Abstract	(5 to 10 lines)
Text	(12 ptArial)
References	(12 ptArial)

- [1] A. Surname, Name of the book, Publisher, Bhubaneswar, 2012, 202 p.
[2] B. Surname, C. Surname, Title of paper, Journal Name 12 (2011), 101-109

Author(s) (name contract address, company / institution)

The Paper has to be written in English only.

6. Submission

Full paper should be submitted online in the following formats:*.doc or *.docx. and *.pdf format through e-mail to the following e-mail address : seminar.ohpc@gmail.com, seminar@ohpcLtd.com

7. Last date for the submission of the paper

The last date for the submission of the paper is 05.02.2013

8. Contact Details :

K. S. Biswal, Secretary, Organising Committee, International Seminar on Hydro Power & Sustainable Development, C/o:Odisha Hydro Power Corporation Limited

Odisha State Police Housing & Welfare Corporation Building

Vanivihar Chouk, Janpath, Bhubaneswar – 751022 Odisha, INDIA

Phone: +91 674 2542983, 2542802, 2545526, 254826

Mob. : +91-8763185392, FAX +91 674 2542102

E-mail: seminar.ohpc@gmail.com, seminar@ohpcLtd.com

WEB: www.ohpcLtd.com