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Organising Secretary:

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Mob: +91-9861068249, +91-9437437514

kishanjit@gmail.com, kkkhatua@yahoo.com

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Dr. L. R. Ranganath, Secretary, ISH, Pune Prof. S. N. Sahoo, Asst. Prof., NIT Rourkela Dr. R. Swain, Asst. Prof., NIT Rourkela

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Prof. (Mrs.) A. Sahoo	Prof. B. Kundu

The conference intends to provide a platform to water resources professional, academicians and young researchers to discuss and share their ideas. The conference mainly aims at providing a forum for the dissemination of recent contributions from academicians, scientists, researchers, practitioners and consultants in the field of hydraulics, hydrology, water resources and coastal engineering.

About Indian Society for hydraulics (ISH)

Scope and Objective of the Conference

The Indian Society for Hydraulics (ISH) is a technical, educational, non-profiteering national organisation, established in 1992 to serve as a common platform for engineers, scientists and technical personnel working in hydraulics and other allied fields. ISH helps technical personnel stay abreast with the latest development in hydraulics by organising regular meets, seminars gatherings and symposiums. The body also makes it a point to

IMPORTANT DATES

Abstract Submission	30June2020
Acceptance of Abstract	15 July 2020
Full Paper Submission	30 Aug2020
Paper Review Outcomes	15 Sept 2020
Revised Paper Submission	30 Sep 2020
Registration Deadline	10 Nov 2020

REGISTRATION FEE

REGISTRATION FEE	
Student Author	Rs. 3,500
Student Author (ISH Members)	Rs. 3,000
Authors from academic	
Institute (Non-ISH Members)	Rs. 5,000
Authors from academic	
institutes (ISH Members)	Rs. 4,000
Delegates from Industry	
(Central Govt. /State Govt.)	Rs. 6,000
Delegates from Industry	
(Public sector/PVT. LTD.)	Rs. 7,000
Foreign Delegates	US \$ 500
Sponsorship (two delegates)	Rs. 70,000
Sponsorship (four delegates)	Rs. 1, 00,000

Online Payments or Demand Draft:

Name of the account: Conference NIT Rourkela

Bank Name: State Bank of India Branch: SBI NIT Campus branch Account no: 36734418111

Account no: 36734418111 IFSC code: SBIN0002109

NIT Rourkela, Rourkela - 769008, Odisha, India.

ACCOMMODATIONS

Limited accommodation for the delegates and students are available at NIT Rourkela guest house on payment basis. Accommodations are of first come and first serve basis with advance booking. Student participants will be accommodated in the hostels with payment basis.

ORGANISING COMMITTEE

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HYDRO-2020 INTERNATIONAL

(Silver Jubilee Year) (December 16-18, 2020)

25th International Conference on Hydraulics, Water Resources and Coastal Engineering



Organised by
National Institute of Technology
Rourkela, Odisha, India



Under the aegis of The Indian Society for Hydraulics (ISH), Pune



recognise outstanding achievements in the field by giving away awards to the deserving. The ISH headquarters are located at Central Power and Research Station in Khadakwasla, Pune. The conference is being organised under the aegis of the Indian Society of Hydraulics.

THEMES

The papers on the following themes are invited from Academicians, Practicing Engineers, Researchers, Consultants and others associated with Hydraulics, Water Resources, Coastal and Environmental Engineering

- Advances in fluid mechanics
- Analytical and numerical modelling of hydraulic system
- Application of geospatial technologies
- Coastal and offshore hydrodynamics, experimental and numerical/statistical analysis, climate change impact
- Coastal, harbour/ocean engineering including coastal protection, sea structures
- Computational fluid dynamics
- Dam instrumentation
- Drought assessment & mitigation
- Effect on climate change on water resources
- Environment hydraulics
- Environmental impact assessments
- Erosion, sedimentation, sediment transport
- Flood forecasting and protection measures
- Flood warning system
- Fluvial hydraulics
- Groundwater hydrology
- Groundwater modelling and management
- Hydraulic and hydrologic routing
- Hydraulic and hydropower structures
- Hydraulic instrumentation
- Hydraulics of spillways and energy dissipaters
- Hydrological modelling and forecasting
- Hydrometeorology
- Impact of climate changes on water resources
- Irrigation and drainage management
- Rehabilitation of old dams/earthen dams
- Reservoir operation and downstream issues
- Reservoir sedimentation
- Risk/reliability analysis and design.
- River flow dynamics in channel and flood plains

- RS/GIS application for water resources management
- Soft computing techniques
- Unsteady flow analysis
- Urban water and drainage management
- Water quality assessment and modelling
- Water quality for Indian rivers and its modelling
- Water quality modelling
- Water resources & hydrology
- Water resources structures and its management

AWARDS

The outstanding professionals and researchers are awarded every year.

- ISH Lifetime Achievement Award
- S. N. Gupta Memorial Lecture
- Prof. R. J. Garde Research Award
- G. M. Nawathe Puraskar (Best Paper in Hydro Conference)
- Jal Vigyan Puraskar (Best Paper ISH Journal)
- Prof. U.C. Kothyari-ISH Best PhD Thesis award
- Prof. U.C. Kothyari-ISH Best M.Tech award In addition to the above, awards would also be provided for the Best papers in different parallel sessions for both Oral and Poster presentations

individually.

CALL FOR PAPERS

Research papers are invited from faculties, research scholars, design engineers, industry, R & D personnel and practitioners working in the relevant fields. The abstract shall be submitted within 250 words along with Title, Author names, Affiliation, Address for correspondence, Emails of authors with four to five keywords on any one or more of the conference themes. All manuscript should be submitted through easy chair website only.

ABOUT ROURKELA CITY

Rourkela is a planned city located in the northern part of Odisha, India. It is the third-largest Urban Agglomeration in Odisha. It is surrounded by a range of hills and encircled by rivers - Koel, Sankha and Brahmani. The city is also popularly known as *Ispat Nagar* and also as the *Steel City of Odisha*. It has one of the largest steel plants of the

Steel Authority of India Limited(*SAIL*) known as Rourkela Steel Plant. The city has been selected as the second smart city of the state.



About NIT Rourkela

National Institute of Technology Rourkela (NITR), formerly Regional Engineering College Rourkela (REC Rourkela), is a publicly funded premier institute of higher learning for engineering, science and technology located in the steel city of Rourkela, Odisha, India. It is ranked 16th in the NIRF Rankings 2019 of Indian engineering universities. The institute is about 7 km from the railway station. The closest domestic airport to Rourkela is Jharsuguda at a distance of 130 Km (well connected to Rourkela by expressway -taxi travel from the airport to NITR is around 2.00 hours). The international airport at Bhubaneswar and Ranchi is at a distance of 328 Km and 170 Km respectively.

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HYDRO-2020INTERNATIONAL

25th International Conference on Hydraulics, Water resources and Coastal Engineering (December 16-18, 2020)

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Designation:	
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Contact Number with STD Code	
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