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Chairman: IWRS Aurangabad Local Centre

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## 3<sup>rd</sup> National Conference

on

## Sustainable Water Resources Development and Management (SWARDAM-2016)

4 - 5 July, 2016

Sponsored by  
Technical Education Quality Improvement Programme  
(TEQIP - Phase II)



In Association With

Indian Society for Hydraulics  
(Aurangabad Local Centre)

Indian Water Resources Society  
(Aurangabad Local Centre)



## Organized by

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Government College of Engineering  
Aurangabad-431 005  
Maharashtra State, India

(An Autonomous Institute of Govt. of Maharashtra)

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[www.geca.ac.in](http://www.geca.ac.in)

[www.swardam2016.com](http://www.swardam2016.com)

*"In Pursuit of Global Competitiveness"*

## Introduction

Water is a precious resource on which the well-being of future generations depends and grows. The judicious management and protection of the existing sources is a way to meet the ever increasing future demand. The various issues related with water such as quality, quantity, management and planning are of vital importance. This conference is primarily intended to focus on such issues for the benefits of water resource faculties /engineers / policy makers/scientists working in the field of planning, design, construction, maintenance and research and development. The recent technological and scientific developments associated with the management of surface and sub-surface water resources along with climate change scenario and sustainability issue will be presented in the conference.

## About Institute

The Institute has been established in 1960 to meet the growing demand for technical man power in the State of Maharashtra. The Government College of Engineering, Aurangabad is one of renowned institute in Maharashtra. The institute offered UG programs in Civil, Mechanical and Electrical, Electronics and Telecommunications, Computer Science and Engineering and Information Technology. The Post-graduate programs have been introduced in the year 1986. The institute is functioning as an autonomous institute affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad since academic year 2006-07. The institute has been selected for funding under TEQIP-Phase-II, during which the focus will be on PG, Ph.D. programmes, research and development activities.

## Department of Civil Engineering

Department of Civil Engineering is one of the oldest department offering one undergraduate and 2 postgraduate programmes. The postgraduate programme includes M.E. Civil-Water Resources Engineering (Full Time) & M.E. Civil-Soil Engineering (Part-Time). The department is recognized as a Quality Improvement Programme (QIP) Centre since 2012 for faculty members from other institutions to carry out their research leading to Ph.D. degree.

## ISH Aurangabad Local Centre

The Indian Society for Hydraulics (ISH) is a technical, educational and non profit-making voluntary organization. Its headquarter is at CWPRS, Pune. ISH has awarded Aurangabad Local Centre to Dept. of Civil Engineering, Govt. College of Engineering Aurangabad in October 2015 for undertaking different activities for the benefit of Research Scholars, Post Graduate students, working engineers and society.

## IWRS Aurangabad Local Centre

Indian Water Resources Society (IWRS) was founded in 1980 with its headquarters at IIT Roorkee. The main objective of IWRS is advancement of knowledge in technical and policy aspects of water resources development and management. IWRS has awarded Aurangabad Local Centre to Dept. of Civil Engineering, Govt. College of Engineering Aurangabad in October 2015 for undertaking different activities for the benefit of Research Scholars, Post Graduate students, working engineers and society.

## About Aurangabad

Aurangabad is a historic, holy and a place for tourism in Marathwada region of Maharashtra State. The Lord Ghrishneshwar temple, Bhadra Maruti, Saint Eknath Maharaj temple, Daulatabad Fort, Biwi-ka-Makbara, world famous Ajanta and Ellora caves are in close proximity. The city is well connected by roads, rails and air route.

## Themes

- ☞ River basin management, Irrigation planning and management
- ☞ Watershed development and management, Rainwater harvesting, Artificial recharge
- ☞ Impacts of climate change on water resources planning and management
- ☞ Groundwater issues and modeling, Mathematical modeling and simulation techniques in water resources and environmental engineering
- ☞ Application of Soft computing techniques and GIS to water resources and environmental engineering
- ☞ Socio-economic aspects and governance in the water sector
- ☞ Water Quality, Waste water treatment and Management
- ☞ Storm water management
- ☞ Conveyance and Water Distribution Systems
- ☞ Any other topic related to water resources engineering

## Call For Papers

The papers related to the themes mentioned above and related with water resources and environmental engineering are invited from the faculties of engineering colleges, polytechnics, working engineers, scientists, research scholars, PG students and NGO's working in related areas.

## Guidelines for Submission of Paper

The full text of paper is to be limited to a maximum of 8 A4 size papers including tables and figures. The guidelines for authors are enclosed separately. Authors are expected to submit the full length paper in soft copy and scanned copy of the copy right transfer form by E-mail to: [swardam2016@gmail.com](mailto:swardam2016@gmail.com); [regulwar@gmail.com](mailto:regulwar@gmail.com)

## Date and Venue

The conference will be held during **4 - 5 July, 2016** at **Civil Seminar Hall, Government College of Engineering, Aurangabad.**

## Important Dates

Last Date of Submission of

Full length papers	: May 16, 2016
Acceptance of Paper	: May 20, 2016

## Registration Fees

Authors/Participants (Academic Institutes)	: Rs. 2000/-
Students and Research Scholars	: Rs. 1000/-
Industry Participants	: Rs. 3000/-

The registration fees and form shall be sent along with full length paper. The payment shall be made by Demand Draft of any Nationalized Bank in favour of **Principal, Govt. College of Engineering, Aurangabad** payable at Aurangabad. The fees will cover proceedings, one set of delegate kit, working lunch and tea during the conference.

Traveling, Lodging, boarding and other expenses will have to be borne by the participants. Accommodation will have to be managed by the participants only. However, the guidance will be provided for accommodation.

# 3<sup>rd</sup> National Conference on Sustainable Water Resources Development and Management (SWARDAM-2016)

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Technical Education Quality Improvement Programme  
(TEQIP - Phase II)

## REGISTRATION FORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Address: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax \_\_\_\_\_

Mobile: \_\_\_\_\_

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

Author/Participant: \_\_\_\_\_

Paper Title: \_\_\_\_\_

Registration Fee: Rs. \_\_\_\_\_

D.D. No. \_\_\_\_\_ Dated: \_\_\_\_\_

Drawee Bank: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Signature

*(Photocopies of registration form are acceptable)*

## Address For Correspondance

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Conference Website : [www.swardam2016.com](http://www.swardam2016.com)