

ISH -- NEWS



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THE INDIAN SOCIETY FOR HYDRAULICS

VOL. 25 No. 1

January, 2016

HYDRO 2015 International

"Hydro-2015 International : Conference on hydraulics, water resources, coastal and environmental engineering" was held during December 17 - 19, 2015 at Indian Institute of Technology (IIT) Roorkee. It represented a link in the chain of such "Hydro" conferences held annually at different places in India since 1995 under the auspices of Indian Society for Hydraulics. This was the 20th HYDRO conference and the major theme was "Hydraulics, Water Resources, Coastal and River Engineering". Prof. Zulfeqar Ahmad, the chief coordinator of the conference was responsible for taking HYDRO 2015 to International level.

The various themes of the conference were Hydraulics, River engineering and fluvial hydraulics, Surface hydrology and Watershed Management, Groundwater Hydrology, Water Resources, Coastal Engineering, and Hydroinformatics. Around 450 delegates representing academic institutions, research labs, consulting engineers and administrative bodies attended the conference. Four hundred and forty five research papers were received out of which 340 were finally accepted and about 250 papers

were presented in five parallel sessions. Additionally ten experienced researchers from academic institutions and research labs around the world gave invited talks on state of the art works carried out by them in the water sector. The Panel Discussions on Climate change, river morphology and floods was held on the last day i.e., 19.12.2015 at the end of all paper presentations. Experts from various institutes participated in the discussions and inputs from the delegates were also considered and few recommendations were submitted by the organizing secretary to the government.

The S N Gupta memorial lecture was delivered by Professor Nilanjan Saha, IIT Madras on the topic "A new method for estimating short term extreme value statistics with emphasis on wind turbines". Prof. P.G. Sastry was honoured with "ISH Lifetime Achievement Award" while "R J Garde Research Award" was conferred on Dr Bimlesh Kumar, IIT Guwahati. The details of other regular awards are given below:



HYDRO-2015 International Conference Inauguration
by Prof. K.G. Rangaraju



ISH Lifetime achievement Award to Prof. P.G. Sastry



Prof. R.J.Garde Research Award to Dr.Bimlesh Kumar



Release of Souvenir by dignitaries

INDIAN SOCIETY FOR HYDRAULICS AWARDS (HYDRO - 2015)

ISH Lifetime Achievement Award - Dr. P. G. Sastry

Former Professor, NIT Warangal
(sastrypg@gmail.com)

S.N. Gupta Memorial Lecture

Prof. Nilanjan Saha, IIT, Madras

Lecture Topic : "A new method for estimating short term extreme value statistics with emphasis on wind turbines ".

Prof. R.J. Garde Research Award

Dr. Bimlesh Kumar, IIT, Guwahati.

G.M. Nawathe Puraskar (Best Paper Presented in HYDRO 2014)

P.K. Sharma, Suman Pran Sonowal

Title : "Experimental investigation of solute transport through fractured porous rock"

Meenu Ramadas, Rao S. Govindaraju

Title : "A New index for Agricultural Droughts Based on Crop Needs and Available Soil Moisture"

Jal Vigyan Puraskar (Best paper in ISH Journal)


Koustuv Debnath, Susanta Chaudhuri & Mrinal L. Manik

Paper Title : "Local Scour around abutment in clay/sand-mixed cohesive sediment bed" published in ISH JHE, Vol. 20 (1) (2014)".

Prabir K. Mohanthy, Kishanjit K.Kathua & Saine S.Dash

Paper Title : "Flow prediction in two stage wide compound channels" published in ISH JHE, Vol. 20 (2) (2014)".

THE INDIA SOCIETY FOR HYDRAULICS



ISH R J GARDE LIFE TIME ACHIEVEMENT AWARD 2015

Dr. P G Sastry

Dr. P. G. Sastry was graduated in civil engineering (honours) and completed his masters in civil engineering from the Indian Institute of Technology, Kharagpur during the years 1957 and 1958 respectively. He completed his Doctorate in Engineering from Technical University, Dresden, Germany in the year 1962. He was an Alexander Von Humbolt post doctoral fellow on Global competition, who carried out ground water modelling

Dr. P G Sastry was the Chairman of the Environmental Appraisal Committee for River Valley Projects, Ministry of Environment and Forests, Government of India. During his association with MOEF (1996-2007) as Committee Member, Vice-Chairman and Chairman cleared about 250 projects worth Rs. 2.5 lakhs of crores. He was also a visiting professor at the Ohio Agriculture Research and Development Centre of the Ohio State University, United States of America. He was a training specialist for the World Bank Aided Hydrology Projects during the year 1996.


Dr. P G Sastry served as Senior Expert in Rural Water Supply and Sanitation & Appraisal Mission funded by Netherlands. Dr. P G Sastry held the post of Director-General, Walantari, Irrigation and Command Area Development Department, Andhra Pradesh twice during 1985-86 and 1993-95. Dr. P G Sastry was Director, National Institute of Technology, Warangal during the period from 1990-92. He has successfully guided 59 M.Tech and 3 Ph.D scholars at NIT, Warangal.

Dr. P G Sastry has 89 Research Publications in India and Abroad in the field of Water Resources and Environment.

Dr. P. G. Sastry was the Director & Head, Learning & Development, Ramky Group, Hyderabad. He was the Chairman, Multidisciplinary Committee (approved by MOEF, GOI) to oversee the implementation of Environmental Safeguards in the construction of 1200 MW Teesta Stage - III Hydroelectric Project, Sikkim. Dr. P G Sastry was also a Member, Research Council, Centre for Water Resources Development and Management, Kozikode, Govt. of Kerala. Dr Sastry also served as Principal of the Mahatma Gandhi Institute of Technology, Hyderabad as well as the Jayaprakash Narayan College of Engineering, Mahabubnagar, Andhra Pradesh. He has been conferred with a number of honours and awards for his contribution in the field of hydraulics. He was conferred with the titles 'PARYAVARANA PRAVEENA' and 'PROFESSOR PAR EXCELLENCE' by Chief Minister of Andhra Pradesh during 2005 & 2006 respectively.

In recognition of his outstanding contribution in the field of hydraulic research, the Indian Society for Hydraulics feels extremely privileged to present Dr P G Sastry its Life-Time Achievement Award for the year 2015

Awarded on
December 17, 2015
Place : IIT, Roorkee



M. D. Kudale
President, Indian Society for Hydraulics

Prof. U.C. Kothiyari - ISH Best Ph D thesis award 2015

Dr. J. Indu, Ilsc, Bangalore

Thesis title : "Uncertainty Analysis of Microwave Based Rainfall Estimates over a River Basin using TRMM Orbital Data Products".

Dr. AL Muthulakshmi, Anna University, Chennai

Thesis title: "Seasonal Dynamics of Hydrobiology and Thermal Dispersion of Coastal Waters around Kalpakkam, Southeast Coast of India"

Prof.U.C. Kothiyari - ISH Best M Tech thesis Award 2015

Ms.Mrunmayee Manjari Sahoo, NIT, Rourkela

Thesis title : "Analysis and Modelling of Surface Water Quality in River Basins".

ANNOUNCEMENTS

ISH Elections 2016 Notification

Dear Members,

Elections to the Executive Council of the Indian Society for Hydraulics (ISH) for the period 01.04.2016 to 31.03.2018 will be held through Postal ballot. Time Table for the conduct of the Elections is as follows.

- | | |
|--|------------|
| 1. Last date for receipt of Nomination forms | 10.02.2016 |
| 2. Scrutiny of Nomination Forms by Returning Officer | 13.02.2016 |
| 3. Date for Dispatch of Ballot papers to Members : | 21.02.2016 |
| 4. Last date of receipt of completed ballot papers in ISH office at Pune : | 21.03.2016 |
| 5. Announcing the results of the Election | 30.03.2016 |

The number of vacancies to be filled through the Elections is 14. Director, CWPRS would be an Ex Officio-Member of the New Council. Immediate Past - President and Secretary, ISH would also be the Members of the New Council. Thus there would be Seventeen (17) Members in the Executive Council, out of which a minimum of four (4) members have to be from Pune and at least 2 (two) from the Central Water and Power & Power Research Station (CWPRS), Pune.

The Members of the Executive Council will in turn elect the Office Bearers amongst themselves for following posts.

1. **President** : 1 post
2. **Vice President** : 2 Posts (out of which 1 Vice President has to be from Pune)
3. **Secretary** : 1 post (Secretary has to be from CWPRS, Pune)
4. **Treasurer** : 1 post (Treasurer has to be from CWPRS, Pune)
5. **Editor** : 1 post (from Pune)

Nomination from amongst the Life Members on the Rolls of ISH as on 30.09.2015 (vide clause 22 of the modified Rules and Regulations) are invited for the abovementioned vacancies. A member can either nominate himself or can be nominated by another member. However, in the later case, consent of the nominee is needed which must be provided along with nomination papers. Otherwise, the nominations will not be valid. A nominee should also send his brief Bio-Data (not more than 100 words) highlighting his educational qualifications, present position and any other relevant information that he/she would like to mention this along with the Voting papers will be circulated to the eligible voters who were members on 30.09.2015.

The Nomination forms (Forms 1 and 2) are enclosed. The completed nomination forms should reach the ISH Office on or before 10.02.2016.

The Secretary
The Indian Society for Hydraulics
C/o Central Water and Power Research Station
PO: Khadakwasla Res. Station, Pune 411 024.

IAHR Membership Notice

All the ISH Life Members interested in availing IAHR Membership are requested to send their Annual Membership fee of Rs. 2000/- towards International Association of Hydraulic Engineering and Research (IAHR) membership for the year 2016 to the Secretary, ISH latest by 15th February, 2016. Cheque or DD should be drawn in favour of 'Secretary, Indian Society for Hydraulics' payable at Pune. Members may also pay online and send the details to the ISH Secretariat and the ISH Bank details are given below:

The Indian Society for Hydraulics

Canara Bank A/c No. 2580101000822 (Khadakwasla, Pune - 411024)

IFSC Code: CNRB0002580

The details of ISH Life Membership Number and email address should be sent along with the payment. ISH will be remitting the fees collected to IAHR Secretariat in a single consolidated payment on or before 20th February, 2016.

Minutes of Twentieth General Body Meeting

The 20th Annual General Body meeting of The Indian Society for Hydraulics (ISH) was held on 17th December 2015 at 1730 hrs at Indian Institute of Technology, Roorkee (IITR) Roorkee, during HYDRO-2015 International conference. About 50 members attended the meeting. The minutes of the 19th General Body meeting held on 18th December 2014 at MANIT Bhopal was confirmed. It was informed that 10 ISH members obtained IAHR membership through ISH for the year 2015 as per the agreement of ISH-IAHR. Secretary, Treasurer and Editors reports were presented by secretary in the meeting.

As per the agreement with our publishers Taylor & Francis (UK), we have made payment of 2500 (USD) for the year 2013 which was due as we had not received invoice for payment. Further, we have also made payment of 5000 (USD) for the year 2015. Up to date payments towards publishing charges to T& F have been done.

Prof M C Deo, Chairman ISH-JHE Editorial Board informed that three regular online issues of ISH journal were published during the year 2015 as per the agreement between the ISH and Taylor and Francis, UK. The ISH Journal of Hydraulic Engineering (ISH JHE) published by Taylor and Francis has entered into its 21st year. In 2015 we published 33 papers covering 350 printed pages. Out of these roughly 20 papers are from Hydraulics, 7 from Water Resources and 2 from coastal engineering. In addition there are 15 papers published in advance and online and waiting for their scheduling in the regular issue.

ISH JHE has been accessed by 5000 Institutions worldwide. There were 12,000 downloads of the published papers in 2015. Out of these 65 % are from outside India. An author survey on 3 aspects, namely, overall satisfaction, speed of review and the review process, done by Taylor and Francis indicated that most of the authors have ranked these Journal activities in '10 out of 10' or '9 out of 10' category. We have recently expanded the Editorial Board bringing in 10 additional members from USA, China, Turkey, Australia, and Iran. Increasing citations for the published articles is still a challenge and the Board is trying to raise this number. We therefore appeal all authors to quote/refer to the articles published in ISH JHE in their other publications.

The proposal from Prof. G.P.Vadodaria, Principal, L D College of Engineering, Ahmedabad, for hosting HYDRO-2017 International was presented by Dr.N.P.Singh (LDCE) and put up before the General Body. After discussions, it was approved to hold HYDRO-2017 at L D College of Engineering, Ahmedabad as per the terms and conditions laid by ISH. It may also be noted that HYDRO-2016 was awarded to CWPRS, Pune during the 19th GB. A Proposal from Prof.D.G.Regulwar from Government College of Engineering (GCOE), Aurangabad to establish a local centre at GCOE, Aurangabad was also approved subject to the standard terms and conditions laid down by ISH. An invitation to the Indian Society for Hydraulics (ISH) to be knowledge partners for the forthcoming National conference on Water Resources and Alternate Hydro Energy (WRAHE-2016), to be held during 17-18th June 2016 at University of Petroleum & Energy Studies, Dehradun by Dr Vikas Garg Professor & Head, Civil Engineering Department was received. The proposal was discussed in the EC meeting and subsequently was approved for ISH to be associated as knowledge partners. The annual membership fees for obtaining discounted IAHR membership through ISH was increased to Rs.2000/- based on the cost involved in processing.

The audited accounts of the society for the year 2014-15 was circulated and approved by the General Body. The annual Budget for the year 2016-17 was also approved. Approval was also accorded to change the chartered accountants if necessary. The meeting concluded with vote of thanks to the Chair.

THE INDIAN SOCIETY FOR HYDRAULICS

(FIXED DEPOSIT AND SAVING BANK BALANCE STATEMENT AS ON 11.12.2015)

1	Canara Bank(S.B A/c No. 25801010000822)	Rs. 242887
2	State Bank of India (S.B. A/c No. 30633921394)	Rs. 87809
Total in Saving Bank Accounts		Rs. 330696

Sr. No.	Name of Bank	Date of Deposit	Date of Maturity	Amount Rs.	Rate of Interest
1	Canara Bank, Khadakwasla, P.O. R.S., Pune - 411024 (7 FDs)	02-Jan-14	27-Sep-16	192184	9.05%
		26-Aug-15	26-Aug-18	800000	8.00%
		07-Mar-12	07-Mar-17	200000	9.25%
		07-Mar-12	07-Mar-17	150000	9.25%
		08-May-13	08-May-16	900000	9.00%
		02-Jul-13	02-Jul-16	500000	9.00%
Total FD amount with Canara Bank Rs. 2742184					
2	State Bank of India, DIAT, Girinagar, Pune-411025 (2 FDs)	28-Jun-15	28-Jun-16	481434	8.00%
		08-May-13	08-May-16	100000	8.75%
Total FD amount with State Bank Rs. 581434					
Grand Total Rs. 3654314					
(Rupees Thirty six lakh fifty four thousand three hundred & fourteen only)					

Annexure- III

INDIAN SOCIETY FOR HYDRAULICS BUDGET FOR THE YEAR 2016-17

Income	Rs.	Expenses	Rs.
Membership Fee Life Member & Fellow Member	1,50,000	Payment for online Journal/Special Issue & Printing charges for Bulletin	3,50,000
Contribution from Corporate Members	30,000	Postage	50,000
Bank Interest on Fixed Deposit	3,30,000	Website charges	20,000
HYDRO 2016 Workshops & Seminars	3,50,000	Stationery & Electronic Accessories	40,000
Grant-in-Aid (INCH - AICTE/DST)	1,40,000	Audit & A/c. writing charges	10,000
		Secretarial Assistance charges	40,000
		Assistance for IAHR Participation	30,000
		Prizes & Trophies & S N Gupta Memorial Lectures	100,000
		Workshops /Seminars etc. Miscellaneous including Transport	50,000
		Expenses for meeting etc.	1,00,000
		Provision for Income Tax	25,000
			8,15,000
		Balance over year	1,85,000
	10,00,000		10,00,000

**THE BOMBAY PUBLIC TRUST ACT, 1950
SCHEDULE VIII [vide Rule 17 (1)]**

Name of Public trust: **INDIAN SOCIETY FOR HYDRAULICS**

Registration No: **F - 7555 (PUNE)**

**BALANCESHEET
As at 31st March 2015**

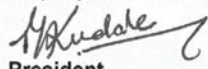
FUNDS AND LIABILITIES	Amount		PROPERTY AND ASSETS	Amount	
	₹	₹		₹	₹
<u>Trust Funds or Corpus</u>			<u>Immovable Properties(at cost)</u>		0.00
Opening Balance	13,74,132.00		<u>Fixed Assets</u>		
Add: Life Membership fees recd during the year	1,30,000.00	15,04,132.00	Laptop		2,637.80
			Printer		1,980.80
<u>Other Earmarked Funds</u>			<u>Investments</u>		
R. J. Dadre Research Award	1,59,500.00		F D with Canara Bank	32,20,998.00	
Reserve Fund	25,000.00		F D with SBI	5,44,215.00	37,65,213.00
Endowment Fund	1,15,000.00	5,49,500.00	<u>Tax Deducted at Source</u>		82,143.00
S N Gupta Memorial Fund	2,50,000.00				
<u>Loans (Secured or Unsecured)</u>					
From Trustees		0.00	TDS recoverable from Ace enterprises		2,049.00
From Others		0.00	Interest Accrued but not received		4,60,595.35
<u>Liabilities</u>			<u>Cash & Bank Balances</u>		
Loan to Mr. Ranganathan	300.00		Cash in Hand		63.84
For Expenses	9,200.00	9,500.00	Canara Bank		1,30,172.48
			State Bank of India		86,092.00
<u>Income & Expenditure A/c</u>					
Balance as per Last B/S	26,36,094.74				
Add: Surplus for the year	-1,68,279.47	24,67,815.27			
Total ₹		45,30,947.27		Total ₹	45,30,947.27

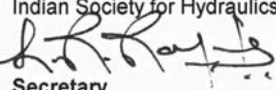
As per our Report of even date

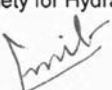
For Sharad A Vaze & Co.
Chartered Accountants

Sharad A Vaze
Proprietor.
Date : 29/09/2015
Place : Pune

The above Balancesheet to the best of our belief contains a true account of the Funds and Liabilities and of the Property and Assets of the Trust.


President
Indian Society for Hydraulics


Secretary
Indian Society for Hydraulics


Treasurer
Indian Society for Hydraulics

Date : 29/09/2015
Place: Pune.

THE BOMBAY PUBLIC TRUST ACT, 1950
SCHEDULE VIII [vide Rule 17 (1)]

Name of Public trust: INDIAN SOCIETY FOR HYDRAULICS

Registration No: F - 7555

(PUNE)

Income & Expenditure Account
For the year ending 31st March 2015

EXPENDITURE	Amount ₹	Amount ₹	INCOME	Amount ₹	Amount ₹
<u>To Expenditure in respect of Properties</u>		0.00			
<u>To Establishment Expenses</u>					
Advertisement	79607.00				
Printing & Stationery	323533.00		<u>By Interest on Savings A/c</u>		8421.00
Postage & Courier	8484.00				
Account writing charges	6000.00		<u>By Interest recd on FDs</u>		
Conveyance	20242.41		Canara Bank	359387.94	
Bank Charges	891.00		State Bank of India	42378.00	
Miscellaneous Expenses	7965.00				401765.94
Refreshment expenses	765.00				
Depreciation	6927.00				
		454414.41	<u>By Workshop Registration Fee</u>		0.00
			<u>By Sponsorship</u>		0.00
<u>To Legal / Professional Expenses</u>		2500.00			
<u>To Audit Fees</u>		5700.00	<u>By Donation in Cash or Kind</u>		0.00
<u>To IAHR Membership</u>		31902.00			
<u>To Expenditure on Object of the Trust</u>			<u>By Institutional Membership</u>		8,700.00
Awards and Prizes		42650.00			
Hydro Registration fees		20000.00			
Event Sponsorship Expenses		30000.00			
<u>To Amount transferred to Reserve</u>					
<u>To Excess of Income over Expenses</u>		-168279.47			
Total ₹		418886.94	Total ₹		418886.94

As per our Report of even date

For Sharad A Vaze & Co.
Chartered Accountants

Sharad A Vaze

Proprietor.

Date : 29/09/2015

Place: Pune.

President

Indian Society for Hydraulics

Secretary

Indian Society for Hydraulics

Treasurer

Indian Society for Hydraulics

Date : 29/09/2015

Place: Pune.

FORM NO. 1

I, _____ hereby nominate myself for the post of
Member of the Executive Council of the Indian Society for Hydraulics.

I certify that I am a member of the ISH on 10th February 2015.

- *Signature of the Nominee*

FORM NO. 2

I, _____ am the member of ISH on 10th February 2015.
and hereby nominate Shri/Smt./Dr/Prof. _____ for the membership
of the Executive Council of ISH.

- *Signature of the Proposer*

I, _____ agree to my nomination for the membership
of the Executive Council, ISH as mentioned above.

I certify that I am a member of the ISH on 10th February 2015.

- *Signature of Nominee*



RECOMMENDATIONS OF THE 3-DAY NATIONAL CONFERENCE ON CLIMATE CHANGE AND SUSTAINABLE WATER RESOURCE MANAGEMENT (CSWM-2015)

Based on the various papers presented during the conference as well as the keynote and invited talks, the following conclusions and recommendations are brought out.

1. Climate change is a reality and the focus of research and development should be on the question of adaptability to this inevitable change,
2. A good network of rain gauges and river gauging stations is essential to collect the representative data for the whole country for understanding the changes and developing sustainable water management strategies,
3. Action towards reducing imbalances between supply and demand of water should be planned and implemented,
4. Restoration and rejuvenation of tanks, lakes and wetlands in different parts of the country must be taken up on war footing. Encroachments to water bodies must be strictly prevented and removed.
5. Rainwater harvesting should be encouraged and be made mandatory in all those developmental activities that impact water resources.
6. Quality of rainwater harvested should be monitored to ensure that the water is suitable for various purposes.
7. Conjunctive use of surface and groundwater is to be planned and operated to the extent possible.
8. The vulnerable areas under risk of reduction in agricultural productivity have been identified and action must be focused towards reducing the risks in vulnerable areas.
9. Availability of water directly reflects on the food security aspects. Water use efficiency must be increased to get sustainable agricultural production,
10. Micro irrigation, drip irrigation and precision irrigation systems must be encouraged. Since the initial capital investment is high, subsidies should be provided to encourage their wider adoption.
11. Climate smart agriculture management should be the way to attain food security.
12. To improve the water use efficiency, irrigation engineers, agricultural engineers and agronomists need to work together to obtain higher productivity from available water.
13. Inter-basin water transfer needs to be taken up to ensure that the water from surplus areas is transferred to water-starved areas.
14. Lift irrigation schemes must be taken up at appropriate locations and studies related to water hammer and surges should be carried out.
15. Groundwater is a very valuable resource for India whose quality should be regularly monitored. Seasonal groundwater water quality map should be prepared and necessary actions be initiated whenever the parameters violate the threshold values.
16. Most urban areas in the country face flooding even during moderate rainfall events. Stormwater management systems are to be implemented by following appropriate models.
17. Climate change adaptation measures in different sectors (water, environment and health) should be widely circulated,
18. Modern techniques of reservoir surveying need to be applied for sediment management in Indian reservoirs.
19. Catchment area treatment needs to be given high priority to prevent soil erosion and reservoir sedimentation.
20. Performance of hydro-infrastructure should be regularly evaluated and appropriate actions taken for optimal use of resources.
21. Use of models in water resources development and management needs to be enhanced through decision support systems.
22. Remote sensing and GIS provide a viable tool to study various aspects of natural resources and capacity building in field departments is necessary for wider application of these techniques.

Prepared by **Prof K. V. Jayakumar**
Chairman, Scientific Advisory Committee,
CSWM2015

FORTHCOMING CONFERENCES / SEMINARS

Sr. No.	Name of Conference	Date	Venue and contact details
1.	India Water Week - 2016	Apr 4 - 8, 2016	Vigyan Bhavan, New Delhi and Pragati Maidan, New Delhi http://www.indiawaterweek.in
2.	International Water Convention 'Water for Sustainability : Towards Development and Prosperity'	Apr 20-22, 2016	India Habitat Centre Lodhi Road, New Delhi http://www.teriin.org/events/iwf/index.php
3.	National Conference on "Water Resources and Alternate Hydro Energy" (WRAHE-2016)	June 17- 18, 2016	UPES, Dehradun Prof Vikas Garg http://www.upes-wrhp.com/
4.	SWARDAM 2016 - Sustainable Water Resources Development and Management (SWARDAM-2016)	Jul 04 - 05, 2016	Department of Civil Engineering Government College of Engineering Aurangabad Email: swardam2016@gmail.com http://www.swardam2016.com
5.	Singapore International Water Week	Jul 10- 14, 2016	Singapore, http://www.siww.com.sg/ (http://www.siww.com.sg/)
6.	IAHR 20th Congress of the Asia & Pacific Division	Aug 28 - 31, 2016	Colombo, Sri Lanka http://www.iahrapd2016.info/
7.	WRW 2016- 3rd International Conference Water resources and wetlands	Sep 08- 10, 2016	Tulcea, Romania, water2016@limnology.ro http:// www.limnology.ro/wrw2016/abstract.html
8.	12th International Conference on Hydro-Science and Engineering	Nov 6-10, 2016 Abstract: Feb 29, 2016	Tainan, Taiwan 21-23 November 2016, Dubai
9.	3rd Arabian Coast Conference	21-23 November 2016, Dubai	Dubai
10.	International Conference on Water : from Pollutuion to Purification	Dec 12 to 15, 2016	School of Environmental Science (SES), Mahatma Gandhi University Kottayam http://www.ctamgu.in/icw2016
11.	HYDRO-2016 International Conference	Dec 2016	www.cwprs.gov.in

List of New ISH Life Members Joined from 1st Jul 2015 to 31st Dec 2015

Mem. No.	Name	Mem. No.	Name
1151	Shri Anarghya Jain	1167	Ms Pallavi Vishnu Kharat
1152	Ms Resmi S.R.	1168	Shri.Sunil Dattatraya Shinde
1153	Shri Apoorv Akhilesh Tripathi	1169	Ms Shruti Pravin Bansode
1154	Shri Nishant Sourabh	1170	Shri Vikhe Subhash Dhuraji
1155	Shri Bal Krishna	1171	Shri Kokane Yogesh Balaji
1157	Shri Vishal V. Panchal	1172	Shri Amol Arvind Kulkarni
1158	Prof. Dr. Navneet Pratap Singh	1173	B. Raghuram Singh
1159	Dr. Abhijit Mohanrao Zende	1174	Shri Devang Arvindbhai Shah
1160	Shri Rajendra Prasad Gupta	1175	Shri Sachin Bipinchandra Shah
1161	Mohd Danish	1176	Ms Vandana Prashant Pandya
1162	Ms Preeti Vijay Ramkar	1177	Ms Shilpa Ashutosh Pathak
1163	Shri Rajeev Kumar Chaudhari	1178	Rina Kamlesh Chokshi
1164	Shri Rajendra Amagonda Patil	1179	Shri Mahendra Kumar Choudhary
1165	Ms Ankita Girish Prayag	1180	Shri Basappa Meti
1166	Dr. Kailas Arjun Patil		

ACHIEVEMENT

We are happy to announce that ISH President **Shri.M.D.Kudale** has assumed the post of Additional Director, CWPRS, Pune. ISH congratulates our President on this achievement.

A Happy New Year
2016

BOOK - POST

To,

◆ *If undelivered, Please return to :*

THE INDIAN SOCIETY FOR HYDRAULICS

P. O. Central Water & Power Research Station,
Khadakwasla, Pune - 411 024. INDIA.

The Indian Society for Hydraulics as a body accepts no responsibility for the statements made by individuals.

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