



Organizers: Indian Membrane Society, The Maharaja Sayajirao University of Baroda, Indian Institute of Chemical Engineers, Indian Water Works Association

Invitation

Over the past few decades tremendous achievements have been made in the field of membrane technology for water and waste-water treatment. Currently, membranes are opening up a new era for waste-water treatment and water reuse, have become the most economical technology to desalinate brackish and seawater, and are an important technology that can provide barrier to protect public health when treating water for drinking purpose. With a huge coast line, the market for membrane technology in India is big. It has become one of the most active countries in scientific research and industrial applications.

As membrane technologies are competitive, the exchange of information and cross-collaboration between experts, scientists and practitioners are fundamental necessity to develop membrane processes, advance membrane treatment.

Following Moscow (2008), Istanbul (2010), Buenos Aires (2012), Ho Chi Minh City (2014) and Kunming City (2016), Vadodara will be the meeting point for the 6th IWA Regional Conference on Membrane Technology in 2018. We cordially invite you to Vadodara to participate in this Conference as this event will once again provide a platform for participants to present results of their latest research, share industrial experiences, exchange opinions and to expand horizons in the development of membrane technologies. It will also facilitate strengthening close professional linkages among membranologists and water professionals.

Vadodara, known for its cosmopolitan culture, is known as the 'Culture Capital' of Gujarat State, one of the 29 States of India. We look forward to meeting you in December 2018. With you and all the members of the organizing committee and the international scientific committee we will make this conference a great success.



Tirupati Balaji Temple



Language
Official language of this conference is English

About Vadodara city

Vadodara is the third largest city in the Western Indian State of Gujarat, after Ahmedabad and Surat. It is the administrative headquarters of Vadodara District and is located on the banks of the Vishwamitri river, 139 kilometres (86 miles) from the state capital, Gandhinagar.

The city used to be called Chandanavati after its ruler Raja Chandan of the Dor tribe of Rajputs, who wrested it from the Jains. The capital was also known as Virakshetra or Viravati (Land of Warriors). Later on, it was known as Vadpatraka or Vadodará, which according to tradition is a corrupt form of the Sanskrit word vatodar meaning in the belly of the Banyan tree. It is now almost impossible to ascertain when the various changes in the name were made; but early English travellers and merchants mention the town as Brodera, and it is from this that the name Baroda is derived. In 1974, the official name of the city was changed to Vadodara.

The city is the home of the Maharaja Sayajirao University of Baroda, the largest university in Gujarat. It is also known for the Lakshmi Vilas Palace, the residence of erstwhile Baroda State's Maratha royal family, the Gaekwads. An important industrial, cultural and educational hub of western India, the city houses several institutions of national and regional importance while its major industries include petrochemicals, engineering, chemicals, pharmaceuticals, plastics, IT and foreign exchange services.

Vadodara is also the location for large-scale industries such as Indian Oil Corporation (IOCL), Gujarat State Fertilizers & Chemicals (GSFC), Reliance Industries Limited (RIL) and Gujarat Alkalies and Chemicals Limited (GACL). Other large-scale public sector units are Heavy Water Plant, Gujarat Industries Power Company Limited (GIPCL), Oil and Natural Gas Corporation (ONGC) & Gas Authority of India Limited (GAIL).

Vadodara is located at 22.30°N 73.19°E in western India at an elevation of 39 metres (128 ft). It is the 18th largest city in India with an area of 235 square kilometers (91 square miles) and a population of 2.1 million, according to the 2010–11 census. The city is well connected by train and air to the national capital New Delhi and the commercial capital Mumbai. The weather during

International Scientific Committee

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Organizing Committee

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V. Davey	M/s Tech Inc, Chennai

About the Conference

This conference aims to advance the knowledge and share experiences on membrane technology for water and wastewater treatment. It will provide an opportunity for water researchers, engineers and experts from colleges, institutes and firms to exchange information and results on the newest developments and applications of membrane technology.

This event is being jointly organized under the aegis of International Water Association (IWA) by Indian Membrane Society, The Maharaja Sayajirao University of Baroda & Indian Institute of Chemical Engineers. This conference will cover all the aspects of membrane technologies covering a broad spectrum of studies where ever membranes are used. These will include new membrane materials, membrane fouling, mechanism of membrane fouling and its control, membrane processes and their optimization, desalination and its studies for potable water production, waste-water treatment, effluent water treatment, river water rejuvenation using membrane technologies, resource recovery from waste-water treatment, membrane bio reactors, membrane based technologies in other industries like dairy industry

Conference Sessions:

Plenary talks by leading scientists will be delivered. A number of invited talks and selected oral presentations based on novelty are being planned. Best presentation awards for PhD students are also being organized. A separate session for participants from industry is planned to provide them a platform for discussing and sharing their experience on new membrane technologies.

:: Technical Visits ::

This conference will include technical visits to full-scale plant for waste-water treatment

:: Important Dates ::

Submission of abstract
31st July 2018
Notification of abstract selection
30th September 2018

:: Contacts ::

Organizing Secretary of IWA-RMTC 2018
The Maharaja Sayajirao University of Baroda

:: Website ::

<http://www.iwa-rmtc2018.in>
Email: membrane2010@gmail.com

Major themes

Novel membrane materials and configurations
Hybrid membrane processes
Drinking Water treatment
Domestic/industrial waste-water treatment and reclamation
Resource recovery from waste-water
Energy recovery from water and waste-water
Desalination
Membrane fouling mechanisms and control
Solar ED/RO
Membrane distillation
Membrane Bioreactors
Membranes for dairy industry

Call for papers

Authors are invited to submit a one page abstract (A4) including figures and tables (if any). Abstracts should be written in English only. Abstracts must be submitted online. Authors are strongly suggested to refer to the abstract template that can be downloaded from conference homepage. Abstracts will be selected based on quality, originality, and relevance to the conference themes. All accepted papers will be included in the conference proceedings.

