

ORGANISER

**SĀKET**  
PROJECTS LTD.

10th National  
Conference on

**Industrial,  
Urban &  
Electronic**



PRIME SUPPORTER



Gujarat Pollution Control Board

**DATE :** OCTOBER 30, 2021

**VENUE :** J. B. AUDITORIUM,  
AHMEDABAD MANAGEMENT ASSOCIATION,  
AHMEDABAD

**THEME :** SUSTAINABLE WASTE MANAGEMENT:  
LEADING TO ACHIEVING GLOBAL  
SUSTAINABILITY GOALS

**FOCUS :**

- Urban Domestic Waste: Segregation & Recycling
- Efficient Treatment Strategies for Industrial & Hazardous Waste
- Plastic Waste: Reduction & Reuse
- E Waste: Recovery of Precious Metals
- Converting Waste into Energy
- Material Recovery from Waste
- Social Entrepreneurship in Waste Management
- Steps towards a Circular Economy



SUPPORTING ASSOCIATIONS\*



National Solid  
Waste  
Association  
of India



The Gujarat  
Dyestuffs  
Manufacturers'  
Association



Ahmedabad  
Textile  
Processors'  
Association



Gujarat  
Paper  
Mills  
Association



Sarigam  
Industries  
Association



Silvassa Industries &  
Manufacturers  
Association



Vapi  
Industries  
Association



Umargam  
Industries  
Association

\*CONFIRMATION AWAITED

## Circular Economy

Since the industrial revolution, humankind has been following a linear model of production and consumption. Raw materials have been transformed into goods that are afterward sold, used and turned into waste that has been many times unconsciously discarded and managed.

On the opposite, the circular economy is an industrial model that is regenerative by intention and design and aims to improve resources' performance and fight the volatility that climate change might bring to businesses. It has benefits that are operational as well as strategic and brings together a huge potential for value creation within the economical, business, environmental and societal spheres.

## Converting Waste to Energy

During the 2001–2007 period, the waste-to-energy capacity increased by about four million metric tons per year. Japan and China each built several plants based on direct smelting or on fluidized bed combustion of solid waste. In China there are about 434 waste-to-energy plants in early 2016. Japan is the largest user in thermal treatment of municipal solid waste in the world, with 40 million tons. In 2018, about 12% of the 292 million tons of MSW produced in the United States was burned in waste-to-energy plants. The total estimated energy generation potential from urban and industrial organic waste in India is approximately 5690 MW.

## E Waste Management in India

According to the Global E-Waste Monitor 2017, India generates about 2 million tonnes (MT) of e-waste annually and ranks fifth among e-waste producing countries, after the US, China, Japan and Germany. In 2016-17, India treated only 0.036 MT of its e-waste. About 95 per cent of India's e-waste is recycled in the informal sector and in a crude manner. A report on e-waste presented by the United Nations (UN) in World Economic Forum on January 24, 2019 points out that the waste stream reached 48.5 MT in 2018 and the figure is expected to double if nothing changes.

Only 20 per cent of global e-waste is recycled. The UN report indicates that due to poor extraction techniques, the total recovery rate of cobalt (the metal which is in great demand for laptop, smart phone and electric car batteries) from e-waste is only 30 per cent. The report suggests that lowering the amount of electronics entering the waste stream and improving end-of-life handling are essential for building a more circular economy, where waste is reduced, resources are conserved and are fed back into the supply chain for new products.

## Plastic Waste

A global material balance study on plastics points out that 79 per cent of the total plastics produced in the world enters our environment as waste. Only 9 per cent of the total plastic waste in the world is recycled. A Central Pollution Control Board (CPCB) report (2018-19) puts the total annual plastic waste generation in India at a humungous 3.3 million metric tonnes per year. Even this data, frightening as it is, might be an underestimation. While India's plastic waste problem is not as huge as that of the rich world, it is definitely growing. Richer states like Goa and Delhi produce as much as 60 grams and 37 grams per capita per day respectively – against a national average of 8 grams per capita per day.

## Hazardous Waste – Urban & Industrial

Ineffective solid waste management is a significant problem in India, especially in urban centres. About a third of the population lives in urban areas. By 2050, it is expected that about 50% of India's population will be living in urban areas, and waste generation will grow by 5% per year. It is anticipated that by 2021, 2031, and 2050, waste arising will be around 101 million metric tons (MMT), 164 MMT, and 436 MMT per year, respectively. Municipal solid wastes which are hazardous are often simply collected, transported, and dumped without treatment or processing. A substantial amount of waste remains unattended at collection centers, roadsides, and riverbanks, with many small scale and large-scale industrial units disposing of their waste mainly in open spaces and adjacent to water sources, resulting in environmental pollution and risks to public health. Thus, despite significant socio-economic development, solid hazardous waste management systems in India have remained relatively unchanged and are inefficient. The 3Rs (reduce, reuse, and recycle) are seldom used, despite being part of the country's policy framework.

10th National  
Conference on  
Industrial,  
Urban &  
Electronic



## The Conference

Since 2010, this conference has attracted leading companies and professionals in urban, industrial and biomedical waste management across India. Delegates come from diverse sectors to hear expert speakers and learn about the latest developments in the industry. Now celebrating the 9th National Conference on "Urban, Industrial & Electronic Waste Management 2021" will be organised jointly with Gujarat Pollution Control Board (GPCB) as Prime Supporter on **October 30, 2021** at J. B. Auditorium, Ahmedabad Management Association (AMA), Ahmedabad. The theme of the conference is **“Sustainable Waste Management: Leading to Achieving Global Sustainability Goals”**. The conference will provide an excellent interactive platform for the discussion of the new developments and research in this field.

## Who should attend?

It will be of great interest to industry, service providers, researchers and government and non-government organizations involved in waste management with following focus and key objectives.

## Why should attend?

- Be updated on urban, industrial and e-waste management initiatives at local, state and national level
- Learn about successful programs and strategies to better manage of waste
- Benefit from experts speakers in the areas of urban, industrial and e-waste management
- Enjoy fantastic networking opportunities during the conference.

## The Focus...

- Urban Domestic Waste: Segregation & Recycling
- Efficient Treatment Strategies for Industrial & Hazardous Waste
- Plastic Waste: Reduction & Reuse
- E Waste: Recovery of Precious Metals
- Converting Waste into Energy
- Material Recovery from Waste
- Social Entrepreneurship in Waste Management
- Steps towards a Circular Economy







Waste Management became a part of Saket Conferences in 2010. Since then, this conference has attracted leading companies and professionals in urban, industrial and biomedical waste management across India. In every edition of the conference, expert Speakers and Panelists have addressed on latest developments in the industry to benefit the delegates who come from diverse backgrounds. The last National conference on “Industrial, Urban & Electronic Waste Management” was organised on February 8th, 2019 at the H T Parekh Auditorium, Ahmedabad Management Association, Ahmedabad to discuss and deliberate on various issues related to the Theme: Waste Avoidance and Resource Recovery in Urban, Industrial and E-Waste Management, with the support of Gujarat Pollution Control Board (GPCB) as Prime Supporter. Major industry associations also joined the event as Supporting Organizations.



## Event Report

Industries Ltd., Ahmedabad were the Guests of Honour. Shri D L Pandya, Conference Convenor, welcomed the august audience with his welcome address on behalf of the organisers, while Shri G H Trivedi, Sr. Environment Engineer, GPCB, gave the Vote of Thanks.

The conference was conducted over three different sessions viz. MSW Management: Technologies & Strategies for Sustainable Solutions; Industrial & Hazardous Waste Management: Case Studies and a Panel Discussion: 4R Approach for Urban, Industrial & Electronics Waste Management. There was proactive participation in all the sessions and the sessions ended with interesting Questions-Answers and concluding remarks of the Session Chairman. Experts from the concerned government department and industry addressed the sessions on various topics.

The conference was inaugurated by Shri Balwantsinh Rajput, Hon'ble Chairman, Gujarat Industrial Development Corporation, Gandhinagar and Shri Jaynarayan Vyas, Renowned Economist & Thinker. Dr. Bharat P. Jain, Member Secretary & ENVIS Coordinator, Gujarat Cleaner Production Center, Gandhinagar and Shri K C Mistry, Chairman, Gujarat Pollution Control Board, Gandhinagar delivered the keynote address. Shri Paresh P. Vyas, Resource Person and Dy. Municipal Commissioner (Ret'd.), Ahmedabad Municipal Corporation, Ahmedabad and Shri Vasantbhai Patel, General Manager, Excel

The conference was attended by around 400 delegates consisting of policymakers from government, technology suppliers, professionals from various industry segments, town planners, Waste Management/Audit Companies, NGOs, Certification Bodies, Education Institutions, organizations involved in waste collection, transportation, disposal, landfill development, incineration, effluent treatment etc. Leading industries actively participated as Sponsors and Advertisers. The 9th National Conference was a grand success with the encouraging response from industry and professionals.





## SPEAKERS FROM PREVIOUS CONFERENCE



**Dr. Jay Narayan Vyas**  
An Economist and  
Thinker, Ahmedabad



**Shri G. H. Trivedi**  
Sr. Environment Engineer,  
GPCB, Gandhinagar



**Shri Paresh P. Vyas**  
Resource Person, Dy. Municipal  
Commissioner (Retd.), Ahmedabad



**Dr. Bharat P. Jain**  
Member Secretary & ENVIS  
Coordinator, Gujarat Cleaner  
Production Centre, Gandhinagar



**Shri Vasantbhai Patel**  
Site Incharge-Environ-Biotechnology  
Division, Excel Industries Limited,  
Ahmedabad



**Shri G V Patel**  
Unit Head. Environment Engineer,  
GPCB, Gandhinagar



**Ms. Manali Bhatt**  
Dy. Engineer,  
Gujarat Pollution Control Board,  
Gandhinagar



**Dr. Amiya Kumar Sahu**  
President,  
NSWAI, Mumbai



**Shri Arvind Kumar Singh**  
Senior Program Manager,  
Urban Management Centre,  
Ahmedabad



**Dr. Kunal Shah**  
Head - Environment, NEPRA  
Environmental Solutions Pvt Ltd,  
Ahmedabad



**Shri Amrutbhai Rathod**  
Sr Executive (Marketing & Sales),  
Excel Industries Limited,  
Ahmedabad



**Shri C A Shah**  
Regional Officer,  
Gujarat Pollution Control Board,  
Gandhinagar



**Dr. Jayesh Ruparelia**  
Head of the Department, Institute  
of Technology, Nirma University,  
Ahmedabad



**Shri Amit Badlani**  
Managing Director,  
Go Green Mechanisms Pvt. Ltd.,  
Ahmedabad



**Dr. Maulin Shah**  
Sr. Manager- Microbiology,  
Bharuch Infrastructure Limited,  
Ankleshwar



**Shri T B Shah**  
Regional Officer,  
Gujarat Pollution Control Board,  
Gandhinagar



**Shri Sunil Singh**  
CEO, Surbine Recycling  
Private Limited,  
Jamnagar



**Shri Tushar Shah**  
CMD,  
Daman Ganga,  
Vapi



**Mrs. Phani Trivedi**  
Director,  
Wastengage Private Limited,  
Ahmedabad



## Organisers

### **Saket Projects Limited**

Saket Projects Limited is a multi-disciplinary company involved in creating interactive knowledge based platforms through various activities including publications, conferences as well as exhibitions. The company, over a period of time, has developed strategic strengths and core competencies in the areas of information enhancement and service sector. In the process, it has carved out a niche in the diverse areas of Event Management (Conferences & Exhibitions), Technical Publications and Energy Management.

SAKET designs and develops conferences aimed at specific target audience to provide them strategic and timely information on policy initiatives, enhanced business processes, technologies, networking opportunities, shape of things to come, etc., understanding the immediate concerns of today's business executives. With a continued forward thinking approach, the company has successfully organized events on diverse themes at prominent centers in the country with specialization in industry-specific events.

## Prime Supporter

### Prime Supporter



Gujarat Pollution Control Board

### **Gujarat Pollution Control Board**

The Gujarat Water Pollution Control Board was constituted on October 15, 1974 under the Water (Prevention & Control of Pollution) Act. With the legislation of the Air (Prevention & Control of Pollution) Act, 1981, the Board has taken up the work of air pollution control activities as well. The Board was also renamed as the Gujarat Pollution Control Board in 1985. With the enforcement of Environment (Protection) Act, 1986, the Board has been entrusted with the Central Acts and relevant rules for pollution control as notified thereof from time to time.

The Board continues to tackle several critical issues in the field of environment. Though basic functions of the Board is regulatory, it has also been organising various awareness programmes, from time to time, on pollution control with a view to minimize and prevent pollution. The Board continues to make such joint Programmes with concerned government offices, municipal corporations, municipalities, hospitals, villages and educational institutions, Industries Associations, etc. These programmes would continue to supplement the awareness. The same shall be an effective tool in controlling the environmental pollution.

GPCB together with the Forest & Environment Department in Government of Gujarat and in co-ordination with other departments of State and Central Government has been playing an affirmative role in tackling the problem related with pollution of air, water and land.

FOR MORE DETAILS, PLEASE CONTACT



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E-MAIL : saketevents@gmail.com, mail@saketevents.com  
WEB : www.saketevents.com

# DELEGATE REGISTRATION FORM

Date :  
October 30, 2021

Venue :  
J. B. AUDITORIUM,  
AHMEDABAD MANAGEMENT ASSOCIATION,  
IIM-A ROAD, AHMEDABAD



## Delegate Registration Fee

₹ 1500/- Per Delegate\*

\* inclusive of GST

## Details of Delegate

Name :	<input type="text"/>
Designation :	<input type="text"/>
Organisation :	<input type="text"/>
Address :	<input type="text"/> <input type="text"/> <input type="text"/>
City & Pin :	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Phones :	<input type="text"/>
Fax :	<input type="text"/>
Mobile :	<input type="text"/>
Email :	<input type="text"/>

Please Photocopy this form for multiple registration • Participation Fee is non-refundable, however change in nomination is acceptable.

## Details of Payment

Please find enclosed our  
DD / Cheque No.  Dated   
Drawn on   
For ₹   
in favour of 'Saket Projects Limited', payable at Ahmedabad.

SEND COMPLETED FORM, TOGETHER WITH PAYMENT, TO



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