

**All India Seminar
on
"Mechanical Composting of
Municipal Solid Wastes for Using It
as Farmland Fertilizer"**

December 23-24, 2016

Registration Form

1. Name
2. Designation
3. Institute
4. Address
5. Contact numbers (with STD Code)
Phone (O) (R)
Mobile no.
e-mail ID:
6. Title of Paper:
7. Co-authors:
8. Accommodation required Yes/No
9. Conference Registration Fees:
D.D./Cheque No. Date
Bank.
10. IEI membership No.

Date :

Signature

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CONTACT

Name of the contact person

Er. Anurodh Prashant, FIE,
Honorary Secretary

The Institution of Engineers (India)
Udaipur Local Centre

128, Hiran Magri, Sector 11, Udaipur
Phone : 0294-2583702 | Email : ieiculc@gmail.com

The Institution of Engineers (India)

*97 years of Relentless Journey towards
Engineering Advancement for Nation Building*

**All India Seminar
on
"Mechanical Composting of Municipal
Solid Wastes for
Using It as Farmland Fertilizer"**

December 23-24, 2016, Udaipur

Organised by



The Institution of Engineers (India)

Udaipur Local Centre

under the aegis of

Chemical Engineering Division, IEI

In association with



Techno India NJR Institute of Technology, Udaipur



Wolkem India Limited, Udaipur



Pacific University, Faculty of Engineering, Udaipur



Shrinathji Institute of Technology & Engineering, Nathdwara



TePP Outreach cum Cluster Innovation Centre (TOCIC)
College of Technology and Engineering, Udaipur

Venue

The Institution of Engineers (India)

Udaipur Local Centre

128, Hiran Magri, Sector 11, Udaipur 313 001

About The Institution of Engineers (India)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of more than 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 113 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: www.ieindia.org

About the IEI, Udaipur Local Centre

The Udaipur Local Centre which was established in 1979 has attained the young age of 37 years and witnessed organization of many technical events, seminar and national conventions, council meetings besides mega event of 22nd Indian Engineering Congress in December 2007 and International Conference on "ETNCC in 2011 and ICTCS -2016". The centre has more than 978 members. Beside several student chapters and institutional member. The centre has its own infrastructure spread in 16000 Sq Ft area with amenities like AC Conference Hall, AC meeting hall, library, two AC Guest rooms, office, and store besides lawn of 2500 Sq Ft.

How to reach Udaipur

Udaipur is connected by daily Air India and Jet Airlines Flights from Delhi & Mumbai. It is connected by train from Hazarat Nizamuddin, Delhi- Sarari Rohila (Delhi 750 KM), Ahmedabad (250 KM) and Mumbai (700 KM). It is also connected with Indore, Ratlam, Jaipur by Train and bus.

Importance:-

In an attempt to accelerate the pace of its industrial development, an economically developing nation may fail to pay adequate attention to solid waste management. Such a failure incurs a severe penalty at a later time in the form of resources needlessly lost and a staggering adverse impact on the environment and on public health and safety.

The rate of waste generation generally increases in direct proportion to that of society's advance in development. The greater the degradation of the environment, the greater is the effort required to restore its good quality. In summary, the effort to preserve or enhance environmental quality should at least be commensurate with that afforded to the attainment of advance in development.

Sub Theme:-

1. Environmental and health impacts

The organic fraction of MSW is an important component, not only because it constitutes a sizable fraction of the solid waste stream in a developing country, but also because of its potentially of adverse impact upon public health and environmental quality. Impact on environmental quality takes the form of foul odours and unsightliness. These impacts are not confined merely to the disposal site. On the contrary, they pervade the area surrounding the site and wherever the wastes are generated, spread, or accumulated.

2. Epidemiological studies

Studies have shown that a high percentage of workers who handle refuse, and of individuals who live near or on disposal sites, are infected with gastrointestinal parasites, worms, and related organisms. Contamination of this kind is likely at all points where waste is handled.

At present, there is no municipal solid waste treatment and management plant at Udaipur and nearby districts and waste is just used for earth filling or for incineration.

Due to the implementation of modern solid waste treatment and management practices, both the public health and the quality of the environment are benefitted directly and substantially.

3. State - of - art - Technologies. 4. Collection Methods. 5. Segregation of wastes. 6. Processing Methods. 7. Utilization of product and by - products. 8. Effect on Environment. 9. IS Codes. 10. Government incentives and approvals.

Call for papers

Papers are invited from academicians, Scientists, industry representatives, R& D organizations, Entrepreneurs, PG Students in the theme and sub-theme written above Authors are requested to send papers of not more than 4-5 pages (A-4 size).

Important Dates :

Last date of Paper Submission : 10th December 2016
Notification of Acceptance after review : 13th December 2016
Final Paper submission : 15th December 2016

Seminar Details :

All India Seminar on "**Mechanical Composting of Municipal Solid Wastes for Using It as Farmland Fertilizer**", is proposed to be held on **23-24 December 2016** at The Institution of Engineers (India) Local centre Udaipur. During the seminar, we shall be discussing the various constituents of municipal solid waste in Udaipur and nearby districts municipalities so as to design the suitable plant for various useful products such as compost fertilizer, RDF.

Available technologies for said products and other uses of municipal solid waste will be discussed at length.

Development of sustainable terms and conditions to set up such plant by prospective entrepreneurs will be part of this seminar.

Recently, Municipal solid waste after first segregation is thought of to use partial as alternate fuel in Indian Cement Industry. It is economical as will save coal, so nearby technical persons from cement industries will be invited.

To make this seminar more useful and impact oriented the prospective entrepreneur running such plant will also be invited, besides renowned machinery suppliers of plant of treatment and management of municipal solid waste.

Various international standards and Indian code practices will be discussed for raw material as well as final products.

This seminar will fulfill the aim of our Hon'ble Prime Minister for "Swachh Bharat" and at the same time it has been stressed to all Indian Fertilizer Industries to use the treated solid waste as one of the raw material and so also the same treated solid waste if not useful for fertilizer industries shall be stressed for farm land.

Sponsorship/Co-Sponsorship

1	Sponsorship	Rs. 25000 (8 delegates free)
2	Co-Sponsorship	Rs. 15000 (5 delegates free)

Registration Individual Category

Category	Registration Fee
Member of IEI	Rs. 1000 + service tax at prevailing rate.
Non-Members	Rs. 1200 + service tax at prevailing rate.
Spouse	Rs. 800 + service tax at prevailing rate.
IEI Student Member	*Rs. 800 + service tax at prevailing rate

*(to be certified by head of institution)

Payment:

All payments are to be made through crossed Demand Draft / Cheque, drawn in favour of "**The Institution of Engineers (India), Udaipur Local Centre**", payable at Udaipur