

**JICA (Japan) - SRGC (India)**

**International Seminar**

**on**

**"Waste Water Management  
in India: Special Reference  
to Pilot Project of TSS  
Technology"**

**Date- 21 June 2023**

**Registration Form**

Name .....

Delegate Type Academician ☐ Student ☐

Industrialist ☐ Other ☐

Designation/Profile .....

Address .....

Mobile No. ....

E-Mail Id .....

Signature of the Participant

\* Last Date of Submission: **20 June 2023**

\* Online Registration Link:

<https://forms.gle/usMYxs4U29GtyDVy6>

\* Registration Charges:

Academic Delegates : **Rs. 300.00**

Student Delegates: **Rs. 100.00**

**:: For Further Information Please Contact ::**

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**Er Kanupriya - 9634904125**

**Organizing Committee**

**Patron**

**Smt Meenakshi Swaroop**

Chairperson, Muzaffarnagar Municipal Board

**Dr S C Kulshreshtha**

Founder Chairman, Shri Ram Group of Colleges, Muzaffarnagar

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Executive Officer, Original Engineering Consultants, Japan

**Organising Secretary**

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**Kenichi Tamura**

Director, E-Square, Japan

**Convener**

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**Project Executive Engineer**

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TARA, New Delhi

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**Akira Morito**

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**Advisory Board**

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Director, Shri Ram College, Muzaffarnagar

**Dr Girendra Kumar Gautam**

Director, Shri Ram College of Pharmacy, Muzaffarnagar

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Principal, Shri Ram Polytechnic, Muzaffarnagar

**Dr Vineet Sharma**

Dean, Shri Ram College, Muzaffarnagar

**Shri Mayank Nautiyal**

TARA, New Delhi

**Shri Saurabh Mishra**

TARA, New Delhi

**:: Venue ::**

**Auditorium**

**Shri Ram Group of Colleges**

**Parikrama Marg**

**Muzaffarnagar-251001 (U.P.)**



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**Organised by**

**Shri Ram Group of Colleges  
Muzaffarnagar**

**Taisei Kougyou Co.Ltd., Japan**

**Original Engineering Consultant, Japan**

**E - Square, Japan**

**&**

**TARA, India**

## Shri Ram Group of Colleges, Muzaffarnagar

SRGC is the culmination of the dream of one man who had the vision to reform destiny, an eminent educationalist Dr. S.C. Kulshreshtha. He formed 'Shri Ram Charitable Trust, with an aim of promoting quality education at an affordable fees. SRGC is one of the leading educational institute of West UP of India. SRGC has more than 14,000 students with great brilliance, academic vigor and competitive spirit. SRGC caters to the knowledge and skill set as per the industry needs and in tune with time.

SRGC has built up the world class learning resources in 4 District Campuses having 9 colleges at Muzaffarnagar, Saharanpur and Bulandshahr Districts. SRGC Institutions have brilliance and believe in igniting minds, making Independent and learned Intellectuals. SRGC has been acclaimed and honoured at various events and occasions with numerous awards which speak volumes about the brilliance that is taught at SRGC.

Various International Projects and collaborations have been done in past 15 years by SRGC including :

1. Innovation, Fabrication & Entrepreneurship Project with MIT (USA).
2. Student Exchange Program with Ireland and Czech Republic.
3. MIT(USA) Waste Management Project
4. Waste Water Management Project : Green Toilets with Taisei Kougyou Co. Ltd., funded by JICA (Japan International Cooperation Agency), Japan.

## JICA's Plan



## Pilot Project at SRGC, Muzaffarnagar

The problem which is general in entire India, is of malfunctions and shortage of sewage treatment systems as well as increase in waterborne infections. Trillion litres of water got wasted due to the same. SRGC approached JICA (Japan International Cooperation Agency) for the solution of this problem. JICA funded the project and given the task to Japanese company Taisei Kougyou. It was the first pilot project in India in February 2020 with construction and execution of a Japanese decentralized wastewater treatment technology called Taisei Soil System (TSS) at the campus of Shri Ram Group of Colleges, Muzaffarnagar for the dissemination of waste water of student dormitory. Taisei Kougyou Co. Ltd. is a leading decentralized wastewater treatment company in Japan which has installed its Taisei Soil System (TSS) at Shri Ram Group of Colleges in association with three major companies namely, Original Engineering Consultants, Japan Environmental Sanitation Centre and E-Square at SRGC, Muzaffarnagar campus.

This project funded by the Japan International Cooperation Agency (JICA). Technology and Action for Rural Advancement (TARA) - a social enterprise of the Development Alternatives' Group has coordinated between the Indian and Japanese counterparts.

1. The System of the project treated the wastewater by aerobic treatment in the soil absorption field.
2. The system, installed underground. Consequently, the top surface area was available for plantation. The plants absorbed water from the soil absorption field.
3. 98% or more reduction was there of Biological Oxygen Demand (BOD).
4. The system handled large load variations hence proved suitable for Indian scenario.
5. Under the project, not only is the construction of treatment facility targeted, time and budget resources were also allocated for awareness activities so that people use these, with emphasis placed on the diffusion and maintenance of "toilets that are actually used" in households, schools, and communities. An increase in sanitation awareness for families and local residents is expected through the provision of hygiene education.

## About Seminar

An International Seminar on "Waste water management in India: Special reference to pilot project of TSS technology" is being organized under JICA(Japan)-SRGC(India) collaboration on Wednesday, 21st 2023 by Taisei Kougyou Co. Ltd. as principal company in association with three major companies as Original Engineering Consultants, Japan Environmental Sanitation Centre and E-Square to share the results of on-site Waste Water treatment pilot project at SRGC, Muzaffarnagar campus.



TSS makes use of Taisei Kougyou's proprietary "Tafgard" technology for on-site treatment of wastewater. It operates without electricity, easy to maintain and ideal for preventing environment pollution in locations, without any discharge of waste.

The seminar will focus on the results of Taisei Kougyou's pilot installation at one of the students' dormitories of Shri Ram Group of colleges and will highlight the contribution TSS can give towards India's national mission of advance sanitation and hygiene.

High level of executives and representatives from JICA (Japan International Cooperation Agency), Bill & Melinda Gates Foundation and other recognized companies of Japan are coming to participate in the seminar and to hand over the TSS system to Municipal Board, Muzaffarnagar.