

Report on
YEIS International Forum 2019
and
Japan - India YNU Symposium 2019
On
“Development of Sustainable Environment/Energy Technologies in South India”
Co-organised GMI Symposium 2019
Jointly organised with YEIS International Forum 2019

Vellore Institute of Technology,
Katpadi, Vellore,
India.

Day 1:

Poster Session

Students from Indian and Japanese universities were invited to present their research findings in the poster presentation. The session was well organised in such a way that each student is given a chance to explain their poster, and time slots were allotted to visit other posters as well. There were innovative ideas from different students from various fields of study.



Cultural Program:

The traditional Japanese tea ceremony (chanoyu) was hosted by the students of YNU (teisyu) for the Indian student and professors, a traditional way of preparing Tea and drinking tea, typically in traditional tea room with tatami floor. The main purpose of the tea ceremony is for the guest to enjoy the hospitality of the host in an atmosphere distinct from the fast phase everyday life.

“Ote-mae Chou-Dai itashi-masu”

Day 2 - 3

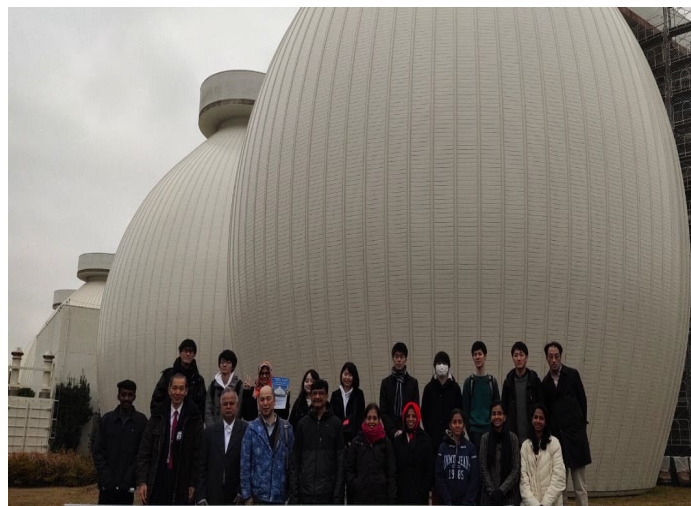
Japan - India YNU Symposium 2019

The main goal of the Japan-India Joint seminar was to discuss the environment and energy technologies for the Sustainable Development Goals (SDGs). There were various experts from different universities from Indian and Japanese Universities, Industries and governmental sectors. Professors and industrialists presented their research work focusing on SDGs. All the presentations in the symposium did contribute to improve the and innovate technologies towards SDGs. One such presentation titled “Excess sludge reduction in an activated sludge system installing high-pressure jet device” by Prof. Akihiko Terada which was very interesting. In which they used high pressure device and bacteria actions driven by mechanical factors without removing the organic carbon and nitrogen present in the sludge, and was cost effective also.

Day 4

Industrial Excursion: Hokubu Sludge treatment Centre, Yokohama City

The visit to the sludge treatment gave us a clear picture about sludge treatment in Japan. We were able to get onsite experience about the different processes in sludge treatment. The egg shaped digester used was very new and we understood the working producer of the plant. The egg shaped digester was used to gain effective mixing and heat transfer inside the digester, whereas in India cylindrical digester are still being used. Also the collected sludge is later being dried and used for many other conventional methods such as making bricks, toys and roads, etc. rather than dumping as a solid waste.



Day 5

Visiting embassy of India

A formal meeting was arranged in the Indian embassy of Japan with the Ambassador of India Japan Dr.Usha Dixit, to discuss the future scientific exchange programs between India and Japan.

2nd JIEPP symposium at University of Tokyo

Japan-India Exchange Platform Program, it was an opportunity for those who interested in beginning between India and japan to meet and discuss with who have gained sustainable experience in exchange with India.

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Hokubu Sludge treatment Centre, Yokohama City