



Rajkiya Engineering College, Ambedkar Nagar
Department of Civil Engineering

Organizes

POSTER PRESENTATION

Theme:

Water Treatment Management and Application of
Artificial Intelligence

On Date : 19 Nov 2022

In Association with



Indian Desalination
Association



Neo Nir Engineering
Manufacturer: Cooling Tower, Boiler, Water
Treatment, Effluent Wastewater Treatment
www.vasuchemicals.com

Prize Money

First : Rs. 5000/
Second: Rs. 3000/-
Third: Rs. 2000/-

Rules for Participation:

- Registration of participants and submission of posters will be accepted till **17 November 2022** through google form Link.
<https://forms.gle/nzQgeN6PKnQTpZ9e7>
- No of participants for a Poster can be three to four.
- Students can chose any topics on water Treatment, Wastewater Treatment, Water Management, Application of AI for Water and WW Treatment Systems
- Shortlisting of submitted Posters : 18 Nov 2022 by 12:30 PM
- Posters on size A2 will be displayed at **3:000 PM** on 19 November 2022 and **Venue: CSA Hall**

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Chairman, BoG, REC, Ambedkar Nagar

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VC, AKTU, Lucknow

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(InDA)

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Mr. Hemish Kapadia, CEO, Neo Nir, Surat & EC Member, InDA
Dr. S. Sridhar, Principal Scientist, IICT, Hyderabad

Prize Sponsored for Poster Presentation Event By- Neo Nir Engineering, Manufacturer: Cooling Tower, Boiler, Water Treatment, Effluent Wastewater Treatment
www.vasuchemicals.com



One-day Workshop

On

**Water Treatment Management and
Application of Artificial Intelligence**

19th November, 2022

Jointly Organized by



Department of Civil Engineering

Rajkiya Engineering College Ambedkar Nagar, U.P

&



Indian Desalination Association (InDA)

Themes of the Workshop

Water Purification

Waste Water Treatment

Use of Artificial Intelligence tools in Water Purification and Water Treatment

Events on the Themes of the Workshop

Invited Lecture by:

1. Prof. S. P. Chaurasia,,President, Indian Desalination Association (InDA)
2. Dr. S. Sridhar, Principal Scientist, Hyderabad
3. Prof. A.B. Gupta, Civil Engineering Department, MNIT Jaipur
4. Dr. Robin Kumar Dutta, Professor, Department of Chemical Sciences, Tezpur University, Tezpur
5. Mr. Sanjay Gupta, Co-Founder, Alliance for Rivers in India (AFR)

Invited Lectures will be delivered by eminent persons during 19th November,2022 at Auditorium, Rajkiya Engineering

College, Ambedkar Nagar.

Poster Presentation Competition

The Poster Presentation Competition based on the Workshop

Themes will be conducted on 19th November, 2022 in CSA Hall as per schedule.

There will be first, second & third prize of 5000/-, 3000 /-& 2000/- respectively.

The certificates of participation will be given in the Valedictory session.

All the above mentioned events sponsored by “**Neo Nir Engineering**”

Registration Fees

FOR STUDENTS OTHER THAN REC, AMBEDKAR NAGAR:

Student (UG/PG/PhD):	Rs. 100 /- per student
Student (UG/PG/PhD):	Rs. 150 /- per team of 3 students
Faculty:	Rs. 200 /-
Industry Personnel:	Rs. 1000 /-

[NO REGISTRATION FEES FOR REC, AMBEDKAR NAGAR STUDENTS]

Payment mode: The interested participants may contact the Convener /Co-Conveners for registration & payment.

Target Participants

Faculty / Research scholars, M.Tech/ M.Phil/ M.Sc.(Chemistry)/ B.Tech / PolytechnicStudents of Chemical, Civil, Mechanical Engg and Chemical Technology Branches.

Maximum 250 participants on a first-come-first-served basis shall be accommodated.

Last date for Registration

Last date of Registration: **16th November, 2022**

Note: All the participants must register for getting the certificates.

About the Workshop

Today more than about 800 million people lack access to fresh water across the globe. With the looming threat to climate change, growing population in urban areas, increasing pace of industrialization, the access to freshwater will further widen in near and far-future. This requires an integrated approach for augmenting the available water resources, creating new sources of freshwater, besides the direct interventions on reduce-recover- recycle- reuse of water. Technologies alone don't provide solutions for the social needs, but technological systems having compatibility with the environmental, socio-economic and innovative technologies in line with community may offer sustainable models. These technological solutions may be powered by renewable energy sources for conservation, treatment, purification, and desalination. REC Ambedkar Nagar, and InDA in association with leading professionals, associations and industries from India and abroad, is organizing this international workshop to share the recent advances, analyze the future challenges, and to evolve a synergistic approach towards fulfilling the needs of water.

About REC Ambedkar Nagar

Rajkiya Engineering College (R.E.C.), Ambedkar Nagar was established by the Government of Uttar Pradesh in 2010 and is affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow. It is running B.Tech. Programs in three disciplines – Information Technology (IT), Electrical Engineering (EE) and Civil Engineering (CE). These courses are approved by AICTE, New Delhi.

The students of REC Ambedkar Nagar are extensively exposed to cross-cultural environment as candidates from various other States

such as Jammu & Kashmir, Madhya Pradesh, Rajasthan etc. join REC for various undergraduate programs. REC Ambedkar Nagar is fully residential institution with four hostels for boys and one for girls.

The Institute is situated 3 kms away from the city (Akbarpur Bus Stand) on Tanda road near hawaipatti (Air Strip). It is well connected through road and rail networks. The nearest airport is Babatpur, (Varanasi) which is about 100 kms far from the Institute.



VENUE

The course will be held in Auditorium, Rajkiya Engineering College, Ambedkar Nagar.

About Indian Desalination Association (InDA)

InDA was established in the year 1991 with the main goal for the development and promotion of the appropriate use of desalination and water treatment technologies. Being a neutral association without any commercial bias, InDA is active in spreading awareness and providing an interface for enhanced interaction amongst the stakeholders namely the user sectors, industries, academicians, policy makers and program implementation agencies. InDA is an affiliate of International Desalination Association (IDA) and Asia Pacific Desalination Association (APDA) for policy advocacy and adopting world best practices. Each year InDA conducts an international conference to enhance the skills as well to interact with small & medium industries to enable them to mitigate the problems related to wastewater & water management in addition to pollution control.