



National Seminar on

## PERSPECTIVES ON SOLID WASTE MANAGEMENT (NSSWM-2017)

October 12<sup>th</sup> & 13<sup>th</sup>, 2017



Venue

**Andhra Jatheeya Kalasala Auditorium  
KRISHNA UNIVERSITY,  
MACHILIPATNAM-521 001. A.P.**

**Organized By**

**Department of Biotechnology  
KRISHNA UNIVERSITY  
MACHILIPATNAM-521001**

**Sponsored by**

**AP Pollution Control Board (APPCB)  
Regional Office, Vijayawada**

### THEME OF THE PROPOSED SEMINAR

The seminar will provide a platform for local, national and international experts to share their expertise on contamination, pollution issues and remediation solutions, which build our capacity to develop solutions for its environmental pollution problems. The event's presentation and exhibitions will highlight current scientific knowledge about the burning issue of environment contamination and pollution and how it is being tackled around the world and to propose or suggest the solutions relevant to our current situation in AP/MTM. Approaches towards this direction include:

- Fostering contributing of all partners to ensure that individuals and organizations are provided an opportunity to participate in the development of waste management activities.
- Encouraging intergovernmental activities through associations amongst groups and non-profit associations.
- Identifying significant natural, recreational, economic, cultural, scenic resources for waste management
- Recommending policies and actions that can be undertaken to restore, maintain or enhance sustainable waste management activities.

### ABOUT MACHILIPATNAM

Machilipatnam is a port city located in the south eastern part of Andhra Pradesh state. It is a town with affluent history of foreign conquests, business and trade starting with Arabs, French, Dutch and British. Machilipatnam is H.Q. of Krishna District having Buddhist pilgrimage at Gantasala, origin of kuchipudi dance, Venugopalaswamy temple at Movva, Goddess Kanaka Durga at the hill top of Vijayawada, toys of kondapalli, gold plated jewellery, kalamkari textiles and paintings of Pedana, Panduranga Swamy temple at Chilakalapudi Manginapudi beach as famous tourism places. ICRA has assigned a long-term issuer rating of IrBB+ (pronounced I R double B plus) to the Machilipatnam Municipality. Satisfactory service indicators for the solid waste management, street lights, and surface road are key reasons for this achievement.

### ABOUT KRISHNA UNIVERSITY

Krishna University is one of the recently established universities by Act No. 29 of 2008, by the Government of Andhra Pradesh, committed for the cause of higher learning and research. The University is located in the premises of Andhra Jatheeya Kalasala, Machilipatnam. It believes in imparting higher education of global standards in the fields of arts, sciences, pharmacy, commerce, management and technology to suit the contemporary educational needs of the society. On 23/04/08, Honble Chief Minister late Dr. Y.S. Rajasekhara Reddy laid the foundation stone for the University. It caters the needs of the students aspiring for higher education. Around 142 UG & PG colleges from the Krishna District are affiliated to the university. Presently, under the dynamic leadership of Vice-Chancellor, Prof. S. Rama Krishna Rao, Krishna University, is relentlessly striving for quality and excellence. The University is committed to disseminate knowledge and skill development in cutting edge areas to enable the empowerment of the youth.

### ABOUT THE DEPARTMENT

The Department of Biotechnology at Krishna University, Machilipatnam was established in 2008. The Department offers an integrated five years M.Sc. programme after 10+2. In addition to M. Sc Biotechnology, the university offers M. Sc Botany and M. Sc Zoology. The students are also enrolled for research leading to the award of Ph.D. degree in Biotechnology. The faculty members of the department are engaged in the research in the areas of biochemistry, molecular biology,

microbiology and cell biology. The university started two new diploma courses in Waste Water Management and Aqua Culture from 2017-18.

### OBJECTIVES OF THE SEMINAR

In this backdrop, the seminar focusing on environmental issues, solid waste management would bring in awareness among students, researchers and public. This also provides a forum for researchers, technologists, economists, sociologists and others to meet and discuss recent trends. This would provide a platform for interaction among researchers, policy makers, academic, researchers and NGOs and address the issues related to site contamination and solid waste management. The seminar is intended to fetch a deal among academia and industry at the nationalized level to integrate knowledge in recent trends of solid waste management techniques, and encourage the upcoming researchers. In order to promote dissemination of knowledge about site contamination and solid waste management, Krishna University is organizing National Seminar, NSSWM-2017.

### THRUST AREAS

Topics for Paper Presentation/ Poster NSSWM-2017 are-

- Solid waste management in India & abroad
- Municipal solid waste management.

E-waste management.

Swachha Bharat Mission/Clean India Programmes

- Sustainable solid waste management practices-local perspectives
- Policies, Regulations and enforcement of SWM

Remote sensing and GIS for SWM

Nanobiotechnology applications for SWM

- Bioenergy and bioproducts from waste (anerobic digestion, biofuels and biogas)
- Emerging environmental issues.

Hazardous waste management

### TRANSPORTATION

Nearest domestic airport is at Gannavaram (Vijayawada) about 60km from Machilipatnam. The city has excellent rail and road connectivity from major cities like Bangalore, Hyderabad, Chennai, Vizag and Vijayawada. Machilipatnam tropical climate with an average temperature ranging from 24-30° C.

### ACCOMODATION

The delegates/participants are requested to make their own arrangements for their travel and accommodation. Participants who wish to have accommodation in budget hotels will be arranged on request with advance payment of Rs.300/day.

### ABSTRACT SUBMISSION

Abstracts for oral/poster presentation should not exceed 250 words including the title, authors and affiliations. Abstracts should be prepared in MS word, Times New Roman, 12 font and single space leaving one inch margin on all sides of the page. Abstracts should be submitted on or before October 5<sup>th</sup>, 2017 in electronic form only as e-mail attachment to [nsswm2017@gmail.com](mailto:nsswm2017@gmail.com). The acceptance will be communicated to corresponding author through email by 08-10-2017.

### Registration fee:

Rs. 500 for Staff/Teachers

Rs. 200 for PG/UG students, Rs. 300 for Research Scholars

**Payment Method:** All payments through bank demand drafts (DD), cheques or through NEFT only payable in favor of Treasurer, NSSWM-2017 payable at SBI, Main Branch, Machilipatnam

### BEST PAPER PRESENTATION AWARD

Awards for the best paper presentations would include a Certificate and a Memento. The best posters would be similarly, awarded. Full length papers are invited for publication in the seminar proceedings. We welcome high quality work that focuses on research, development and application in the aforesaid areas. Best papers will be selected for oral presentation.

### ORGANIZING COMMITTEE

#### Chief Patron

**Prof. S. RAMAKRISHNA RAO**, Vice Chancellor, Krishna University, MTM

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#### Contact Address

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**National Seminar on  
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October 12<sup>th</sup> & 13<sup>th</sup>, 2017**

1. Name of the delegate: \_\_\_\_\_

2. Address: \_\_\_\_\_  
\_\_\_\_\_

3. Phone No: \_\_\_\_\_

4. E-mail: \_\_\_\_\_

5. Gender: Male / Female: \_\_\_\_\_

6. University / College / School: \_\_\_\_\_

7. Title of the Research Paper: \_\_\_\_\_

8. Whether Accommodation needed Yes/No

9. Accommodation for one day/two days \_\_\_\_\_

10. Registration Fee Details:

Name of the Bank: \_\_\_\_\_

DD No: \_\_\_\_\_

Amount Drawn: \_\_\_\_\_

Date: \_\_\_\_\_

11. Date of Arrival: \_\_\_\_\_

12. Date of Departure: \_\_\_\_\_

Station:

Date:

Signature of the Delegate

The filled in registration form along with the Demand Draft drawn in favour of "Treasurer, NSSWM-2017, payable at SBI Main branch, Machilipatnam to be sent to "The Seminar Organizing Secretary, National Seminar on Perspectives on Solid Waste Management (NSSWM-2017), Dept. of Biotechnology, Krishna University, Machilipatnam. The soft copy shall be sent to email Id: nsswm2017@gmail.com