

IconSWM-ISWMAW, Vijayawada Partnership Research Grant for universities in AP Application Form

About the IconSWM-ISWMAW, Vijayawada Partnership Research Grant for the universities in Andhra Pradesh : Solid waste management rules 2016 have mandated that all the gated communities and institutions with more than 5,000 sqm area shall, and in partnership with the local body, ensure segregation of waste at source by the generators as prescribed in these rules, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorised waste pickers or the authorized recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. Hence the university as the gated community needs to have its own waste management system. The core committee of the 8th IconSWM has decided that the government universities within Andhra Pradesh will be given mentoring and support both technical and financial by the IconSWM-ISWMAW, Vijayawada to establish innovative decentralised waste management system in the universities through research projects by the teachers and research scholars. This initiative is the unique and first of its kind in any of the Indian states to have own decentralised waste management systems in all the government universities. To encourage the private universities in the state of Andhra Pradesh, one private university also will be given funding by ISWMAW. This will encourage all other universities in the state.

The research project under the *IconSWM-ISWMAW, Vijayawada Partnership Research Grant* must have both theoretical and practical components. 75% of the support grant of the project is essential either from the university, or the government or any other organisation. The “*IconSWM-ISWMAW, Vijayawada Partnership Research Grant*” will provide maximum fund of INR 2.00 lakh depending on the merit of the project proposal. All the projects need to be completed within two years to start from January 2019. A competition among the project implementers will be held in September 2019 and September 2020. The outputs and the sustainability analysis have to be presented in the subsequent IconSWM in 2019 and 2020. The decentralised project should be evolved as a self sustainable project. The accounts of the project will be controlled by the university and audited report should be submitted to the “IconSWM-ISWMAW, Vijayawada” and to “ISWMAW”. The initiative is supported by the,

- a) 8th IconSWM,
- b) International Society of waste management, Air and Water (ISWMAW),
- c) Swachh Andhra Corporation, Government of Andhra Pradesh,
- d) Andhra Pradesh State Pollution Control Board (APSPCB) and
- e) Andhra Pradesh State Council of Higher Education (APSICHE).

Followings are the potential areas on which the research projects may be developed with the basic work of establishing a decentralised waste management system inside the University campus.

- Innovative implementable suggestion in the existing rules in general or specific to the SWM Rules 2016, CD Waste Management Rules 2016, E-waste Management Rules 2016, Plastics waste Management Rules 2016, Bio Medical Waste Management Rules 2016 and Hazardous waste (Management, Handling and Transboundary movement) Rules 2016.
- Innovative Recycling process – Biological, mechanical and thermal treatment of wastes, namely, composting, Zero Waste, Recycling, Biomethanation, Pyrolysis, Gasification, Bioenergy gas and other treatment processes
- Characterisation and Inventorisation of Waste generation and composition at different locations in respective ULB where university is situated

Last date of submission of the project proposal in soft copy to iswmaw@gmail.com and 8thiconswm.conference@gmail.com : 30.10.2018.

Official Use Only - **Proposal Reference No:**

Please complete this form after carefully reading the inscribed Guidelines in the form
Please send all completed documents to: iswmaw@hotmail.com and 8thiconswm.conference@gmail.com
before **30.10.2018**.

A. General

1. Project Title	
2. Project Objectives	Brief Description of Main Aims and Objectives (max 100 words):
3. Proposed Start Date Proposed End Date	1 st January 2019 31 st December 2020.
4. Project team	<p><i>Name, Address and contact details :</i></p> <p>Mentor of the project on behalf of ISWMAW : ISWMAW will decide.</p> <p>Principal Investigator (PI) on behalf of the applicant :</p> <p>Co-Principal Investigator (Co-PI) on behalf of the applicant :</p> <p>Investigator/s :</p>
5. Bio Data of Project team members :	Please provide a brief background note of the PI and Co-PI detailing the main experience of the team highlighting expertise in the proposed field of work along with list of publications (if any) highlighting those relevant to the proposed project. Word per person should not exceed 400.

B. Proposal

6. Brief Description of the Project (max 300 words): Please summarise the proposed project in a layman language that might be used for a more general audience or publication.

7. Scientific & Technical Details (400 words): Please provide further detail on the scientific & technical aspects of the proposed research. This may be in more specialised language and may cover methodology, to demonstrate the research merit of the project.

8. Work Plan for the Period of the Project : Please summarise, indicating activities proposed over the period of the project. Please also provide quarterly milestones, project's collaborative framework and division of work between researchers.

Research project may be divided into work packages (WP). Elaborate Work packages with time plans:

WP 1:

WP 2:

WP 3:

WP 4:

WP 5:

9 a) Review & monitoring will be carried out at an interval of six months for sustainability of the project. The following table elaborates the activities, responsibilities and outputs.

Work Packages & time frame	Activities	Responsibilities	Expected deliverables/ Outputs

10. Dissemination & Impact (200 words): Please indicate how you intend to communicate the findings to a wider audience. Are any of the expected results likely to have commercial value? How do you propose to share it?

11. Organisations to be involved: Please indicate the name the organisations and the representative persons involved in the project. Mention the name of potential funding agencies that will be approached or already received the approval for financial support other than ISWMAW. .

12. Operation of bank account of the research project and signatories :

C. Financial Proposal : Please provide the financial details.

Finance Sheet			
Costs (To be quoted in INR)			
Proposed Expenditure	No. of Units	Per Unit (Rs)	Total (Rs)
Proposed Grant to be applied to IconSWM-ISWMAW, Vijayawada Partnership Research Grant			
Approved Grant from your own university/ government / other agencies as matching grant			
Proposed Grant to be applied to university/ government / other agencies			
Grand Total			

14. Support letters from the applicant organisation :

- Support letter from your university administration to be attached duly signed by the authority.
- A support letter for matching fund from the university / other agencies.
- A letter from the PI and the Co-PI stating their commitment to complete the project.

D. Data Protection

Please confirm that by submitting this application, you agree that the information in the application may be made public or passed on to third parties as outlined in the Data Protection statement in the guidelines. Acceptance of this condition is a requirement of applying to the IconSWM-ISWMAW, Vijayawada Partnership Research Grant strand activities.	Yes
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Two references with organization, designation, mobile, email etc: :

1.

2.

Institutional Authority & Signatures with date and seal

Signature and seal

Date: