



Template for Evidence(s) UI GreenMetric Questionnaire

University : Samarra
 Country : Iraq
 Web Address : www.uosamarra.edu.iq

[3] Waste (WS)

[3.12] Inorganic Waste Treatment (WS.4)



Paper recycling machine Project - University of Samarra, Iraq

Waste Treatment (University of Samarra, Iraq)	
Inorganic Waste Treatment (University of Samarra, Iraq)	

Description:

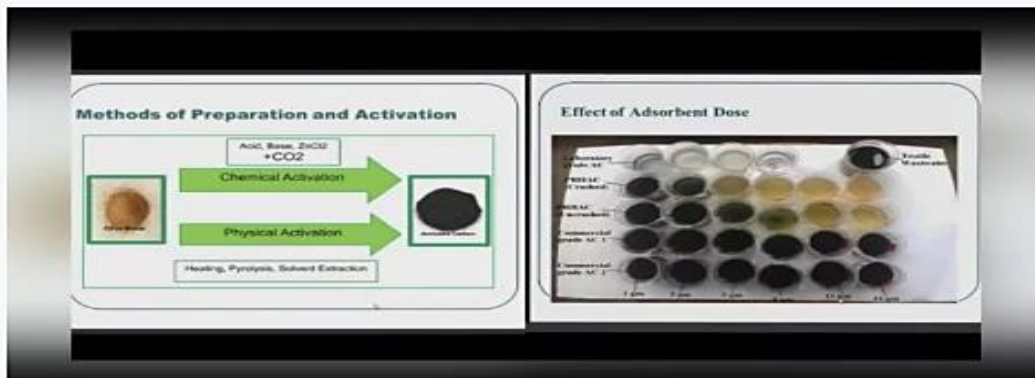
Samarra University has long been at the forefront of zero waste efforts around all the sites, faculties and colleges , and our work on zero waste has been instrumental in the growing recognition of the waste sector’s powerful role in mitigating climate change, particularly through Greenhouse gases reductions.

1. Inorganic Waste treatment in Uiversity of Samarra developed with Samarra Central Municipality together with others small local businesses companies. The main scope of the



project was to optimize, and generally improve, the recycle process in order to recover valuable precious metals and rare earth elements, through a low impact pilot-project.

2. Battery Project: the project, starts from the collaboration between the University of Samarra and Ministry of Industry and Minerals has the aim to raise users and citizen awareness collection and recycling.



NEWS & ACTIVITIES

Treatment of pollutants removal, a scientific symposium held by the Department of Chemistry, College of Education

By University Presidency - Media Center - December 1, 2021 - Reading Time: 1 minute



The Department of Chemistry at the College of Education held a scientific symposium on "Treatment of Pollution Removal", on Sunday, November 28, 2021, presented by Prof. Hazem Aziz Al-Rubaie Professor of Environmental Sciences and Pollution/ Al-Qasim Green University.

It stated:

- 1- The most important pollutant removal treatments are chemical treatment, physical treatment, and biological treatment.
- 2- Production of activated carbon – and the carbonation process
- 3- Characteristics of activated carbon
- 4- Choosing the special characteristics for preparing activated carbon
- 5- Activated carbon applications – industrial chemistry, pharmacy, food industry, polluted water treatment, drinking water treatment
- 6- Methods of preparation and activation of activated carbon: chemical and physical methods
- 7- Factors affecting the rate of adsorption: pH, stirring and storage time, concentration, dose, and particle size.





NEWS & ACTIVITIES | UNIVERSITY OF SAMARRA

Seeking to Maintain a Clean and Sustainable Environment... College of Education for Pure Sciences Organizes a Training Course on the Importance of Paper and Plastic Recycling

By University Presidency - Media Center • November 4, 2025 • Reading Time: 2 minutes



The Chemistry Department at the College of Education for Pure Sciences, University of Samarra, organized a training course on “Paper and Plastic Recycling Towards a Clean Environment”, presented by Dr. Rana Raad Zanzal and Assist. Lect. Reem Ibrahim Mahdi.

The course organizers sought to spread environmental awareness about the importance of recycling, explain the stages of recycling processes, and encourage students and the community to sort waste at the source. They also aimed to highlight the economic and environmental benefits of recycling and instill the concept of environmental responsibility among individuals and institutions.



The two lecturers addressed the vital role of paper recycling in reducing tree cutting, saving energy and water, and limiting waste accumulation. In addition, they discussed the contribution of plastic recycling in reducing land and sea pollution resulting from plastic waste, which is difficult to decompose.

The course concluded with important recommendations, including the necessity of preserving the environment as a collective responsibility that starts with simple steps, including recycling, to achieve a green and safe future for coming generations.



Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

<https://en.uosamarra.edu.iq/3884-2/>.

[Seeking to Maintain a Clean and Sustainable Environment... College of Education for Pure Sciences Organizes a Training Course on the Importance of Paper and Plastic Recycling - University of Samarra.](https://en.uosamarra.edu.iq/3884-2/)