

4th International Conference on Advanced STEAM Education (ICASE-2026): STEAM for Future-Ready Societies

Abstract Submission Guidelines

1. General Information

All abstracts must be submitted in English as an **unstructured abstract without any headings** and should not exceed **250 to 300 words**. Abstracts can be submitted for either **oral** or **poster** presentations. Each abstract should clearly state the purpose, methods, results and conclusions of the research or study.

2. Formatting Instructions

- **Title:** The title of the paper should be in “Capitalize Each Word”, 14 font size, center, and bold.
- **Author(s) Information:** List the author(s) names, Departments, affiliations and E-mail addresses. The presenting author name should be bold.
- **Preferred presentation mode:** Oral or Poster
- **Text Formatting:**
 - **Font:** Times New Roman
 - **Font size:** 12
 - **Spacing:** Single-spaced
 - **Alignment:** Left-justified
- **Keywords:** Include 3-5 keywords at the end of the abstract (separated with comma).
- **File Format:** Save your abstract as a Microsoft Word file (.doc or .docx) for submission.

3. Submission of abstracts (online): <https://events.tuf.edu.pk/event/details/4th-international-conference-on-advanced-steam-education>

Note:

- In case of any issue with online submission, please contact us at: steamconference@tuf.edu.pk or mateeb.oric@tuf.edu.pk. However, please note that submissions are only accepted through the portal after paying the relevant fees per theme, submissions via email will not be accepted.
- For queries, the email subject should include the type of presentation (Oral/Poster), the name of the relevant department to the abstract (e.g., Computer Science, Engineering, Mathematics, Pharmacy, Islamic Studies, Arts, etc.), and the thematic area.
 - Final decision of scientific committee about the mode of presentation will be communicated to the author.

Sample Abstract:

Application of an Indigenous, Low-Cost, and Sustainable Floating Treatment Wetlands Technology for Wastewater Treatment and Reuse

Muhammad Afzal, Muhammad Shoaib Hassan, Salman Younus and Samina Iqbal
National Institute of Biotechnology and Genetic Engineering, Faisalabad, Pakistan
Email: manibge@yahoo.com

In Pakistan, due to very high capital and operational costs of conventional technologies, > 99% wastewater is discharged in water bodies untreated. This wastewater contaminates the water, soil and food. To address this issue of high cost of wastewater treatment, a very low-cost floating treatment wetlands (FTWs) technology has been developed using locally designed and developed floating mat and available indigenous plants and microbes. FTWs is a low cost, sustainable, and environment friendly technology for wastewater treatment and reuse. It requires ~100 times lower capital investment than conventional technologies, without any operational cost. Until now, 500,000 sq ft FTWs have been applied at more than 100 sites in Pakistan and it improves the quality of about 500 billion cubic meters of wastewater annually, and sequesters 300 tons of carbon per year. It removes (up to 90%) both organic and inorganic pollutants from the wastewater, and treated water is being safely discharged in the environment or reused in agriculture and horticulture.

Keywords: Conventional technologies, Wastewater treatment, Floating treatment wetlands, Organic and inorganic pollutants