

Utilization of Science Fiction Drama in Higher Education: An Innovative Pedagogy for Brain Warm-up, Inspire Futuristic Views, and Foster Creativity.

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Abstract:

The research aims to examine the potentiality of utilizing science fiction drama in higher education learning environments. The research team initiated the study by surveying the preferences of both students and instructors in range of higher education institutions towards science fiction drama. The surveys have been extended to explore the existing practices of utilizing science fiction drama in educational processes. The students and instructors' surveys provided evidence of expressed personal interest in watching science fiction drama with diverse preferences towards various types of science fiction drama. However, the results of the surveys demonstrated low utilization of science fiction drama in the existing teaching and learning practices. Accordingly, an experimental study was conducted in a sample class where a subject on 'Sustainability' has been delivered by presenting selected sections of a relevant science fiction movie to a group of students followed by a lecture with reflections on the presented scenes. The students were assigned to reflect on the subject in a structured questionnaire in terms of understanding and innovative thoughts around the subject. The students' feedback provided valuable insights on the positive impact and effectiveness of utilizing science fiction drama within higher education learning environment. The research contributes to the development of innovative pedagogies at higher education institutions by introducing the approach and outlining the mechanism of utilizing science fiction drama in teaching and learning processes as alternative tool for brain warm-up, better understanding of subject, forming futuristic views, and fostering creativity while enhancing students' engagement.

Keywords: Higher Education, Science Fiction Drama, Educational Processes, Pedagogy, Brain Warm-up, Futuristic View, Foster Creativity, Learner Interest and Engagement.