



Report
On
IETE National Technical Paper Competition 2023
on
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Organized by
Center for Innovation and Social Transformation

Submitted by
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Objectives:

- The primary objective of presenting the paper titled "Menstrual waste management using pyrolysis mechanism" at the IETE National Technical Paper Competition 2023 was to showcase the innovative approach and design solution developed by the Product Design Team from CIST
- The team aimed to contribute to the discourse on sustainable menstrual waste management, specifically through the application of the pyrolysis mechanism.

Outcomes:

- The experience gained from participating in the competition, preparing the paper, and presenting before a panel enhances the team members' research, communication, and presentation skills, contributing to their overall academic and professional development

Summary Report

- The team was awarded a prize of Rs 2,500 for securing the second position in the competition. This monetary award serves as a recognition of their efforts and provides support for further research and development initiatives.
- In addition to the monetary award, the team received an Appreciation Certificate, acknowledging their contribution to the field of menstrual waste management. The certificate serves as formal recognition of their achievement and adds credibility to their work.
- The presentation at the IETE National Technical Paper Competition served as a platform to disseminate knowledge about the innovative approach of using the pyrolysis mechanism for menstrual waste management. This contributes to the broader understanding of sustainable solutions in waste management.
- Participation in the competition provided the team with networking opportunities, allowing them to connect with professionals, researchers, and experts in the field. This opens avenues for potential collaborations, partnerships, and future research endeavors.
- The recognition and success achieved in the competition serve as motivation for the Product Design Team to pursue future projects and continue contributing to innovative solutions in waste management and related fields.
- By presenting a paper on menstrual waste management using the pyrolysis mechanism, the team contributes to the discourse on sustainable practices. Their work has the potential to inspire further research and initiatives in this critical area of environmental sustainability.
- The presentation will contribute to the dissemination of knowledge on sustainable menstrual waste management using the pyrolysis mechanism. The team's findings and innovations will reach a wider audience, potentially inspiring further research and applications.

Participants:

Ms. T Charishma

Ms. P Keerthana Reddy

Ms. Vanekari Jahnavi

Ms V Varsitha Reddy

Faculty Mentor: Ms. Tuti Sandhya



Fig: Students Presenting problem statement during IETE National Seminar Competition

Impact Analysis:

- The Product Design Team, consisting of T. Charishma, P. Keerthana, V. Varsitha, and V. Jahnavi, received the second prize at the IETE National Technical Paper Competition 2023. This recognition reflects the quality, relevance, and impact of their work on menstrual waste management.
- The team was awarded a prize of Rs 2,500 for securing the second position in the competition. This monetary award serves as a recognition of their efforts and provides support for further research and development initiatives.
- In addition to the monetary award, the team received an Appreciation Certificate, acknowledging their contribution to the field of menstrual waste management. The certificate serves as formal recognition of their achievement and adds credibility to their work.
- The presentation at the IETE National Technical Paper Competition served as a platform to disseminate knowledge about the innovative approach of using the pyrolysis mechanism for menstrual waste management. This contributes to the broader understanding of sustainable solutions in waste management.
- Participation in the competition provided the team with networking opportunities, allowing them to connect with professionals, researchers, and experts in the field. This opens avenues for potential collaborations, partnerships, and future research endeavors.
- The success in the competition enhances the visibility of the institution in the academic and technical community. It reflects positively on the institution's commitment to innovative research and sustainable solutions.
- The recognition and success achieved in the competition serve as motivation for the Product Design Team to pursue future projects and continue contributing to innovative solutions in waste management and related fields.
- By presenting a paper on menstrual waste management using the pyrolysis mechanism, the team contributes to the discourse on sustainable practices. Their work has the potential to inspire further research and initiatives in this critical area of environmental sustainability.