



St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN
(Affiliated to Periyar University, Salem)
Mookandapalli, Sipcot, Hosur – 635126

Internal Quality Assurance Cell

Report for 8 Day Faculty Development Programme [08.06.2024 to 16.06.2024]

The Faculty Development Programme (FDP) titled "Empowering Research and Learning with AI Tools" was organized by the Internal Quality Assurance Cell of St. Joseph's College of Arts and Science for Women, Hosur. A blended 8-day Faculty Development Programme with online and offline participation.

The event aimed to enhance the knowledge and skills of faculty members in utilizing artificial intelligence (AI) tools for research and learning. Spanning over eight days, from June 8th to June 16th, 2024, the FDP featured esteemed resource persons from various institutions who shared their expertise on diverse topics related to AI in education.



The main objectives of faculty development programme are, to introduce AI tools and their applications in education and research, to enhance pedagogical strategies using AI, to foster creativity and innovation through AI-powered tools, To equip faculty with effective research methodologies and techniques, and to provide insights into student-centered learning approaches



An online training spanning five days was presented by the Resource Person Dr. A. Vimal Jerald, Associate Professor, Department of Computer Science, St. Joseph's College, Trichy. He delivered insightful sessions on the following topics:

1. Chatbot:

- Introduction to the concept of chatbots and their growing significance in educational settings.
- Development of simple chatbots for educational purposes, focusing on enhancing student engagement and support.
- Practical examples and demonstrations of chatbot integration into classroom activities.



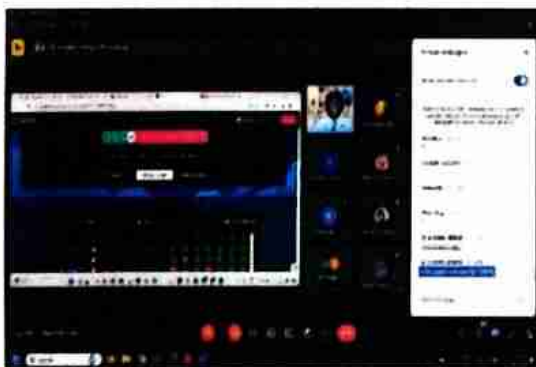
2. Pedagogical Presentations Using AI Tools:

- Techniques for creating interactive and engaging presentations using AI tools.
- Enhancing the visual appeal and content quality of presentations.
- Best practices for delivering effective and impactful pedagogical presentations.



3. AI Tools for Creative Works:

- SciSpace: Utilizing AI for scientific research, collaboration, and management of scientific data.
- Ideogram: Leveraging AI to generate creative visuals, diagrams, and infographics.
- Firefly: Employing AI tools to foster creativity in various domains such as design, arts, and media.



On June 13, 2024, Dr. A. Syed Mustafa Professor and Head of the Department, Department of ISE, HKBK College of Engineering, provided comprehensive knowledge on:

1. Bloom's Taxonomy:

- Overview and significance of Bloom's Taxonomy in education.

- Detailed explanation of the different levels of Bloom's Taxonomy, including cognitive, affective, and psychomotor domains.
- Practical strategies to apply Bloom's Taxonomy in creating learning objectives and designing assessments.

2. Types of Bloom's Taxonomy:

- In-depth exploration of the cognitive, affective, and psychomotor domains.
- Examples of activities and assessments tailored for each domain.
- Benefits and challenges of implementing Bloom's Taxonomy in educational settings.



On 14th June 2024, Dr. K. Sivakumar Professor & Head, Department of Chemistry, Adhiyamaan College of Engineering, Hosur, focused on the following key area:
Effective Strategies for Student-Centered Learning:

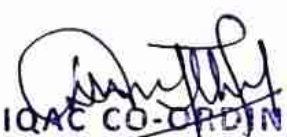
- Definition and principles of student-centered learning.
- Methods to create an engaging and inclusive student-centered learning environment.
- Case studies and examples of successful implementation of student-centered strategies in various educational contexts.



On 15th June 2024, Dr. M. Lilly Florence Professor, Department of Computer Science, Adhiyamaan College of Engineering, Hosur

- Research Methodology:
 - Introduction to research methodology and its importance.
 - Different types of research methodologies and their applications.
 - Steps involved in conducting effective research.
- Types of Research:
 - Qualitative, Quantitative, and Mixed-methods research.
 - Strengths and limitations of each type.
 - Examples and case studies of different research types.
- Funded Projects:
 - Identifying and applying for research funding.
 - Writing successful research proposals.

The Faculty Development Programme was a comprehensive event aimed at enhancing the knowledge and skills of faculty members in utilizing AI tools for research and learning. The programme covered a wide range of topics delivered by esteemed resource persons from various prestigious institutions. Participants were provided with practical insights and hands-on experiences, equipping them with the necessary tools to integrate AI into their teaching and research practices effectively.


 IQAC CO-ORDINATOR
 ST. JOSEPH'S COLLEGE OF
 ARTS & SCIENCE FOR WOMEN
 Meekandapalli, Sipcot,
 HOSUR-635 126, Krishnagiri-Dist

Signature of the Principal:


 PRINCIPAL
 ST. JOSEPH'S COLLEGE OF ARTS
 & SCIENCE FOR WOMEN
 Meekandapalli, Sipcot,
 HOSUR-635 126, Krishnagiri-Dist