

## ◆ CHIEF PATRON ◆



**Thiru. V.M. Muralidharan**  
Chairman  
Ethiraj College for Women  
Chennai, Tamil Nadu

## ◆ PATRON ◆



**Dr. S. Uma Gowrie**  
Principal & Secretary  
Ethiraj College for Women  
Chennai, Tamil Nadu

## ◆ VICE PRINCIPALS ◆

**Mrs. M. Vijaya (Aided)**  
**Dr. M. Jeyanthi (Self supporting)**  
Ethiraj College for Women Chennai,  
Tamil Nadu

## ◆ CONVENORS ◆

**Dr. S. Abhirami**  
Associate Professor & Head  
PG Department of Physics  
Ethiraj College for Women, Chennai  
Tamil Nadu

**Dr. A.V. Jhone Verjhula**  
Associate Professor & Head  
Department of Physics  
Ethiraj College for Women, Chennai  
Tamil Nadu

## ◆ ORGANIZING SECRETARY ◆

**Dr. J. Bhavani, Associate Professor**

## ◆ ORGANIZING COMMITTEE ◆

**Dr. Rajeswari G, Associate Professor**

**Dr. S. Leela, Assistant Professor**

**Dr. Aparnadevi N, Assistant Professor**

**Dr. B. Uma, Associate Professor**

**Dr. S. Mahalakshmi, Associate Professor**

**Dr. M. Amudha, Assistant Professor**

**Dr. E. Elamurugu Porchelvi,**

**Assistant Professor**

**Dr. N. Kavitha, Assistant Professor**

**Dr. P. Sumathy, Assistant Professor**

**Registration Fee: Rs. 200**

**Online Platform:**



*For all active participants,  
e-certificates will be provided*

**For Further queries contact:**

**Dr. J. Bhavani - 8678922888**

**Dr. S. Leela - 9865480808**

# SEVEN-DAY NATIONAL LEVEL INTERDISCIPLINARY VIRTUAL FACULTY DEVELOPMENT PROGRAM

ON

## EMPOWERING TEACHING AND RESEARCH THROUGH EMERGING TECHNOLOGY

*organized by*

**The Department of Physics**



**ETHIRAJ COLLEGE FOR WOMEN (AUTONOMOUS)**  
**CHENNAI - 600 008**

AFFILIATED TO THE UNIVERSITY OF MADRAS  
COLLEGE WITH POTENTIAL FOR EXCELLENCE AND REACCREDITED IN NAAC CYCLE IV "A+"  
(CGPA - 3.39)

**22 - 26 & 29 - 30 JULY 2024**



**REGISTRATION LINK**

<https://forms.gle/GChcEsnMG45GMYhs8>





## ABOUT THE COLLEGE

Ethiraj College for Women, a premier institution dedicated to the cause of women's education was founded by the illustrious Barrister-at-law, Thiru. V.L. Ethiraj in 1948. His philanthropic donation paved the way for the establishment of the college with a mission to empower young women through holistic education. The college with a proven track record as a leading educational institution in Tamil Nadu enjoys a position of eminence on completion of its 75th year of establishment. The College has gained the Potential for excellence and re-accredited in NAAC Cycle IV "A+" (CGPA – 3.39).

## ABOUT THE DEPARTMENT

Since its establishment in 1948 the Physics department has worked unceasingly towards its enhancement. After acquiring post graduate status in 2004, the department was upgraded into a full-fledged research centre by introducing M.Phil. course in 2009 and Ph. D Program in 2018. With a vision to become the "Department of Choice" for students, and a mission to achieve excellence in teaching and learning through innovative methods, the department is dedicated to the delivery of high quality education to produce graduates with professional and personal competence. The department organises Workshops, Seminars, National and International Conferences periodically to expose the students to the latest trends in research and mould their research temperament.

## OBJECTIVES OF THE FDP

Integrating new technologies in education is imperative to enhance academic processes and improve learner-centeredness. It facilitates teachers to engage their students in exclusive, inventive, and unbiased ways. Emerging technologies have been evolving at a rapid pace and it has become essential to update skills to support individual teaching and learning methodologies for knowledge accretion, self reliant learning, and improve teacher – student communication. The FDP aims to enhance faculty capability to offer effective digital education using latest developments and skills in AI teaching learning tools, updated pedagogies with AI support. It will also provide an overview on blended mode of teaching learning to enhance learning outcomes and student engagement. Lecture sessions on the use of Open Edx platform for course creations and tools for creative teaching will enhance technology skill sets for educators. A lecture session on Intellectual Property Rights and proposal writing for funding agencies aims to foster research capabilities among faculty members.

## RESOURCE PERSONS

**Dr. Sandhya Milind Khedekar, M.A., M.ED., SET (Edu), Ph.D.(Education)**  
Principal

Gokhale Education Society

SMRK BK AK Mahila Mahavidyalaya, Nasik.



**Day 1: 22.07.2024 Time : 3.00 - 4.00 p.m.**

Artificial Intelligence and Teaching Learning AI Tools

**Day 2: 23.07.2024 Time : 3.00 - 4.00 p.m.**

Pedagogies with AI Support

**Day 3: 24.07.2024 Time : 3.00 - 4.00 p.m.**

Blended Mode of Teaching Learning

**Dr. K. Saravana Kumar M.Sc., Ph.D.,**

Assistant Professor, Department of Physics,

Sri. S. Ramasamy Naidu Memorial College, Sattur.



**Day 4: 25.07.2024 Time : 3.00 - 4.00 p.m.**

Open Edx Platform for Educators: Introduction & Course Creation

**Day 5: 26.07.2024 Time : 3.00 - 4.00 p.m.**

Open Edx Platform for Educators - Resources and Implementation

**Day 7: 30.07.2024 Time : 3.00 - 4.00 p.m.**

Simple Digital Tools for Creative Teachers

**Dr. V. Anbarasu, M.Sc., Ph.D.,**

Associate Professor & Head, Department of Physics

PSG College of Arts and Science, Coimbatore.



**Day 6: 29.07.2024 Time : 4.00 - 5.00 p.m.**

Intellectual Property Rights and Proposal Writing for Funding Agencies