

## About the College

Sri Ramakrishna Engineering College (SREC), Coimbatore, established in the year 1994 by SNR Sons Charitable Trust, is an autonomous institution permanently affiliated to Anna University, Chennai and certified with ISO 9001:2015. The Institution offers 11 undergraduate programmes, 6 postgraduate programmes in Engineering and Technology, Five-year Integrated M. Tech. CSE programme and an MBA Programme. The eligible programmes in the institution are reaccredited by National Board of Accreditation (NBA) New Delhi. The Institution is ranked amongst top 10 institutes in various surveys in South India and top 40 institutes in India. The college is one among the 49 institutions in India, selected for AICTE IDEA LAB funded by AICTE to set up infrastructure to encourage students to experiment with the fundamental applications of Science, Technology, Engineering and Mathematics, and enable product visualization. The institution has also been awarded five star rating by MHRD for IIC.

## About the Department

The Department of Physics was established in the year 1994. Dedicated, well qualified and experienced faculty members of the department lead to the path of success. The Department of Physics is recognized as Research Department by Anna University, Chennai. Research in the Department ranges across the most challenging problems in Materials Science, Nanoscience and Nanotechnology. The Department has received funds from DST under TDT to the tune of Rs.42 lakh and also received funds from TNSCST, DRDO and DST to organise

various conferences and student centric programmes. DC Sputtering unit, Solar simulator and Photoluminescence spectrometer have been purchased under DST-FIST scheme. Apart from that, the Department has a well-established synthesis lab equipped to synthesize nanomaterials and thin films. Characterization lab is equipped with XRD, AFM, UV, ATR, Electrochemical workstation and SLB (Schlumberger) elastomer seal test facility.

## Key objectives of the Programme

- To equip the teachers with technological tools such as interactive simulations, virtual laboratories, multimedia presentations, AR VR technologies educational software.
- To create interest in physics education in remote or hybrid learning environments
- To provide ongoing support and resources for educators to continue integrating technology.
- To discuss the ethical considerations surrounding the use of technology in physics education.



SCAN TO REGISTER

Registration fee Rs. 500/-  
Limited to 50 participants only

## Resource Persons

**Dr. V. Madhurima**

Professor

Department of Physics

Central University of Tamil Nadu

Thiruvavur, Tamilnadu

**Topic:** Nurturing scientific curiosity through experiments

**Dr. Rajmohan Pardeshi**

Assistant Professor and IQAC

Coordinator

KRE Society's Karnatak Arts,

Science and Commerce College

Bidar, Karnataka

**Topic:** Generative AI and technological tools for Physics Teaching

**Chief Patrons**

**Sri .D.Lakshminarayanawamy**

Managing Trustee

**Sri.R.Sundar**

Joint Managing Trustee

**Patrons**

**Dr.N.R.Alamelu** - Director (Academics)

**Dr.P.Karuppuswamy** - Principal In-Charge

**Convenor**

**Dr.K.Uthayarani**, Professor and Head/Physics

**Coordinators**

**Dr. M. Chitra**, Assistant Professor (Sl.G) / Physics

**Dr. R. Vasanthapriya**, Assistant Professor (Sl.G) / Physics

**Organizing Committee**

**Dr.R.Kesavasamy**, Associate Professor / Physics

**Dr. M.RM. Krishnappa**, Associate Professor / Physics

**Dr. S. Deivanayaki**, Assistant Professor (Sl.G) / Physics

**Ms. D. Sudha**, Assistant Professor (Sr.G) / Physics

**Dr. A. Leggins**, Assistant Professor (O.G) / Physics

**Feel free to contact**

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# National Workshop and Hands-on-Session on Technology Enhanced Physics Teaching

(TEPT - 2024)

Organised by

**Department of Physics**  
in association with  
**Indian Association of Physics Teachers**  
(IAPT - RC13)

Exclusively for Physics faculty  
(Arts and Science,  
Polytechnic and Engineering)

on  
19.07.2024



## SRI RAMAKRISHNA ENGINEERING COLLEGE

(An AUTONOMOUS INSTITUTION)

[Educational service:SNR Sons Charitable Trust]  
[Autonomous Institution, Reaccredited by NAAC with 'A+'Grade]  
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]  
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]

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