



# JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN (AUTONOMOUS), TEYNAMPET, CH - 18

College with Potential for Excellence  
Accredited by NAAC in 2022 at A++ Grade (4<sup>th</sup> Cycle)  
An ISO 9001: 2015 Certified Institution

## DEPARTMENT OF PHYSICS

STAR STATUS AWARDED BY DBT, NEW DELHI

Cordially invites you to a

One Day State Level Seminar on

“Advancing Frontiers: Innovations, Materials  
and Global Strategy 2025”

### Our Speakers



**Dr. Chithra Lekha P**  
Senior Scientist, Virginia Tech India and  
CEO Karotimam Innovations Pvt. Ltd.

#### Inaugural Address

**The Power of Curiosity:  
Building Global Leaders through  
Science and Innovation**



**Dr. R. Ajay Rakkesh**  
Research Assistant Professor  
Department of Physics and Nanotechnology  
SRM Institute of Science and Technology

#### Session 1 Talk

**Topic: Next Generation Energy  
Storage: Tailoring Layered Vanadium  
Oxide for Aqueous Zinc Ion Batteries**



**Dr. E. Manikandan**  
Associate Professor and  
Center Head, Hyperthermia Technology,  
Pondicherry Central University, Puducherry

#### Session 2 Talk

**Smart Nanomaterials Research and  
Development for Day to Day Needs**



**Dr. Parthiban Srinivasan**  
Professor and Director, Center for AI in  
Medicine, Vinayaka Missions Research  
Foundation, Aarupadai Veedu Medical  
College and Hospital, Puducherry

#### Valedictory Address

**From Mass = Energy to  
Energy = Intelligence: AI and the  
Future of Materials Innovation**



**Tuesday, October 7, 2025**



**Golden Jubilee Seminar Hall**



**Dr. Amthul Azeez**  
Principal and Correspondent

**Dr. Ayesha Saleem**  
Head of the Department of Physics

# PROGRAMME SCHEDULE

## INAUGURATION

- 09:00 AM Recitation from Holy Quran  
09:05 AM Welcome Address  
09:10 AM Presidential Address  
09:20 AM Dynamics of the seminar  
09:30 AM *Inaugural Address*  
**Dr. Chithra Lekha P**  
10:30 AM Tea Break  
11:00 AM Session 1 Talk  
**Dr. R. Ajay Rakkesh**  
12:00 noon Session 2 Talk  
**Dr. E. Manikandan**  
01:00 PM Lunch Break



## VALEDICTORY

- 02:00 PM Recitation from Holy Quran  
02:05 PM Welcome Address  
02:10 PM *Valedictory Talk*  
**Dr. Parthiben Srinivasan**  
03:10 PM Proceedings of the Seminar  
03:15 PM Vote of thanks  
National Anthem

**Free**

**Registration Link** <https://forms.gle/9o1cPMD8LVGu2wvk6>

**Organizing Secretary**

**Dr. Aarthi Ganesan**  
**Assistant Professor**

**Organizing Committee Members**

**Dr. A. ZAMARA**  
**ASSISTANT PROFESSOR**

**Dr. SAIRA KHATHEEJA**  
**ASSISTANT PROFESSOR**

**Dr. SUGANTHI. G**  
**ASSISTANT PROFESSOR**

**Dr. MARYAM USMANI**  
**ASSISTANT PROFESSOR**