



**Maris Stella College**

(AUTONOMOUS)

A COLLEGE WITH POTENTIAL FOR EXCELLENCE  
VIJAYAWADA-8, A.P, INDIA  
ISO 9001:2015 CERTIFIED

## A Three Day International Webinar on **IMPACT OF PHYSICS IN HEALTHCARE**

Organized by the Dept. of Physics, Maris Stella College, Vijayawada  
In collaboration with Emtron Technologies, Mumbai

Many of the greatest inventions in modern medicine are developed by physicists. Principles and concepts of Physics have introduced new techniques for medical imaging, design of clinical diagnostic tools, and sensors for implantable and wearable devices. This webinar will provide delegates with the knowledge of biosensors and bio instrumentation for health-tracking applications.

October  
**14**

Impact of  
Wearable  
Technology in  
Healthcare

October  
**15**

Spice of  
Physics in Life:  
Application in Bio  
Instrumentation

October  
**16**

Promising areas of  
Bio-Physics for  
Higher Education &  
Job Opportunities



DAY 1

**DR. Y. S. RAO**

PhD (ES-IIT-Bombay),  
Vice-Principal, Dean R&D,  
Sardar Patel Institute of  
Technology (S.P.I.T),  
Director Emtron Technologies,  
Mumbai.



DAY 2 & DAY 3

**DR. RAJ KUMAR VUTUKURI**

Postdoctoral fellow,  
Dept. of Neurology & Neurosurgery,  
Department of General  
Pharmacology and Toxicology,  
Pharmazentrum Frankfurt,  
Germany.



UG & PG students, Research Scholars and Faculty of Physical and Biological Sciences



Certificate for registered participants after submission of feedback



Registration Link - <https://forms.gle/5srDQiRo3DMXYNpk9>

**NO REGISTRATION FEE**



3.00 - 4.30 PM on all three days



ORGANIZING SECRETARY

**Dr. G. Little Flower**

COLLABORATOR

**Dr. Y. S. Rao, S.P.I.T**

PRINCIPAL & CONVENOR

**Dr. Sr. Jasintha Quadras**

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