

# **PERMANENT MAGNETS: CURRENT & FUTURE PERSPECTIVES**

**Organized by**

**Physics Association**

Post Graduate and Research

Department of Physics

Vimala College (Autonomous), Thrissur

**Funded by**

DBT-Star College Scheme,

Department of Biotechnology

Ministry of Science & Technology,

Government of India

## **RESOURCE PERSON**



**Dr. Senoy Thomas**

Assistant Professor

Department of Physics, CUSAT



**Date:**

**16 December  
2020**

**10 am**

**Student  
Co-ordinators**

**Aleena Joy  
Amrutha Manoj**

## **About DBT**

The remarkable march of India into the world of biosciences and technological advances began in 1986. That year, the then Prime Minister of the country, late Rajiv Gandhi accepted the vision that unless India created a separate Department for Biotechnology, within the Ministry of Science and Technology, Government of India, the country would not progress to the desired extent. The Department shall provide services in the areas of research, infrastructure, generation of human resource, popularization of biotechnology, promotion of industries, creation of centers of excellence, implementation of biosafety guidelines for genetically modified organisms and recombinant DNA products and biotechnology based programs for societal benefits. Bioinformatics is a major mission to establish an information network for the scientific community, nationally and internationally.

## **About Star College Scheme**

Star College Scheme has been initiated by DBT in 2008 to support colleges and universities offering undergraduate education to improve science teaching across the country. DBT is committed to the values of i) Pursuit of excellence ii) Academic and intellectual freedom iii) Creativity and innovation iv) Diversity v) Cooperation and Communication and vi) accountability. DBT has therefore, launched a scheme for improving critical thinking and 'hands on' experimental work at undergraduate (college) level in sciences. It is expected to encourage, more students to take up higher education in science. DBT will identify colleges with ambition and potential for excellence and provide academic and physical infrastructure for achieving excellence in teaching and unique exposure of students to experimental science.

## **About Department of Physics**

Post Graduate and Research Department of Physics was established in 1967. The Department of Physics, over the 50 years evolved into the first Post-Graduate Science department (1998) and the First Science Research Centre (2013) of Vimala College. The Department caters to the academic needs of hundreds of physics aspiring young minds. Right from its inception under the able leadership of Rev Sr. Aurea C M C, the Department steadily progressed to meet the curricular, co-curricular and extra-curricular demands of its students. Being a department supplemented by essential research expertise (Three research guides), we take initiatives for research activities with all the available facilities. Equipped with a DST-FIST lab, the department is able to carry out research oriented UG and PG projects, inter-departmental, inter-collegiate and university research collaborations

## **Organizing committee**

**Coordinator: Dr Malini KA**

**Members: Dr Mini Krishna K, Dr Veena Gopalan E, Dr Dhanya Johnson, Ms Jovia Jose, Ms Laveena Varghese, Mr Santosh P Jose, Dr Aneesh George, Dr Regina Jose**