





Wayanamac Education Trust®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysuru Road, Bengaluru – 560074  
**Department of PHYSICS**



**Academic Year: 2024-25**

NAME OF THE EVENT: Student Induction Programme. Universal Human values	
Organized by: Physics Department	Date: 1/10/24
Resource Person Name: Prof. Sharmila RS	For Students/Faculty: student
No. of Participants:	200
 <p>Bengaluru, Karnataka, India Mysore Road, Kumbalagodu, Bengaluru, Karnataka 560074, India Lat 12.881218° Long 77.444813° 01/10/24 10:06 AM GMT +05:30</p>	 <p>Bengaluru, Karnataka, India Mysore Road, Kumbalagodu, Bengaluru, Karnataka 560074, India Lat 12.881132° Long 77.444812° 01/10/24 10:07 AM GMT +05:30</p>
<b>Event Description:</b> The session was handled by Prof. Sharmila R S .She discussed about the Ethics, which is basically a set of moral principles or values. She stressed the importance of universal human values .When she/he enters the college or professional course. She explained the Maslow’s self-actualization with suitable examples.  She educate students with holistic approach and taught the student how education in human values is deeply essential to nourish the moral Capabilities in the students. She stressed the significance of decision-making for students.	

## Academic Year: 2023-24

NAME OF THE EVENT: “VIGNANOTSAVA - 2023”

Organized by: **Department of Physics**

Date: 29th & 30th Dec. 2023

Resource Person Name: Prof. Chethan M

For Students/Faculty: students



No. of Participants: 400



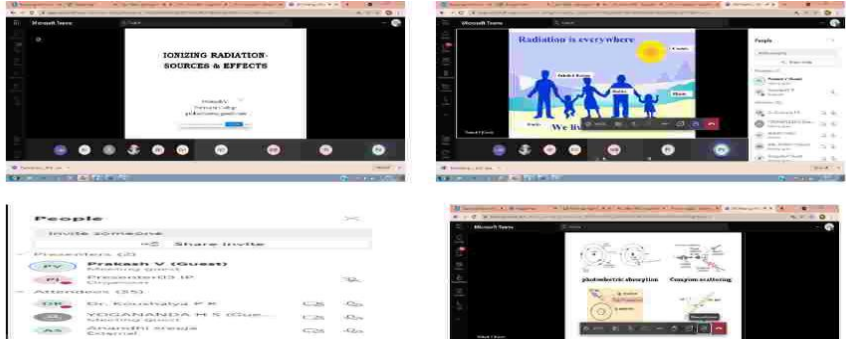
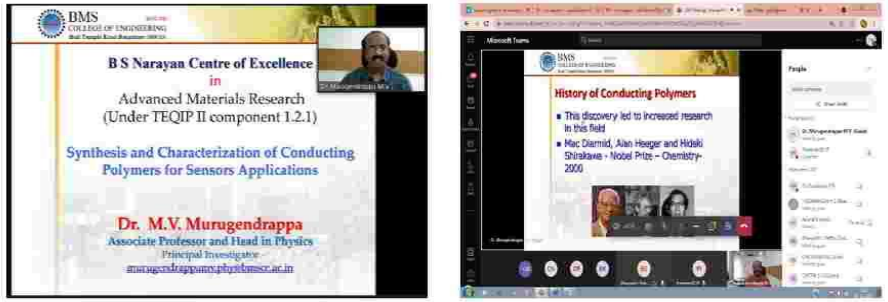
**Event Description:** Department organize science exhibition VIGNANOTSAVA-2023 includes displays of different experiments or projects related to science. We believed that exhibitions encourage students to come up with unique science-related discoveries or experiments. Science exhibitions play an important role in encouraging students to be inquisitive and think analytically. They ignite curiosity and offer chances for students to engage in inquiry-based learning. It allows them to explore hypotheses and find answers on their own. This is a predictive way to generate curiosity among students and promote their interest in science. The event's major goal was to raise awareness among students about the contributions scientists make to the advancement of the globe as well as about the need for young people to have a scientific mindset and an inventive outlook in order to sustain growth in the fields of science and technology.





**Academic Year: 2022-23**

NAME OF THE EVENT:GUEST LECTURE “QUANTUM COMPUTATION-FOUNDATION & TECHNOLOGY	
Organized by: Department of Physics	Date:21 January 2023
Resource Person Name: Dr. A R Usha Devi, Professor, Dept. of Physics, Bangalore University, Bangalore.	For Students/Faculty: students
No. of Participants:	120
	
Event Description: A guest lecture was organized under Science forum on “Quantum Computation- Foundation &Technology” by the Faculty of Physics for I year B.E students of various branch and the resource person was Dr. A R Usha Devi. The guest lecture focused on an area of computer science focused on the development of technologies based on the principles of quantum theory. The quantum computing Technology that harnesses the laws of quantum mechanics to solve problems too complex for classical computers. The session was mainly focused on quantum mechanics, entanglement, qubit system, Copenhagen interpretation of quantum mechanics. Finally, the lecture focused very importantly on duality of wave particles and Heisenberg’s Uncertainty Principle and Bell’s inequality which determine that quantum mechanics is compatible with local hidden variables theories given some basic assumptions about the nature of measurements.	

## Academic Year: 2021-22

NAME OF THE EVENT: Faculty Development Programme on Recent Advances Materials and their Technological Relevance - 2021”	
Organized by: physics Department	Date:23rd - 27th November 2021
Resource Person Name: <b>Dr. K.M Eshwarappa,Dr. Murugendrappa M V Dr. Basavaraj Angadi Dr. Gurumurthy Hegde</b>	For Students/Faculty: Faculty and students
No. of Participants:	100
	<p style="text-align: center;"><b>Day -3, Session – 1</b> <span style="float: right;"><b>25-11-2021</b></span></p> <p><b>Dr. Murugendrappa M V</b> Assoc Professor &amp; Head Department of Physics, B.M.S. College Engineering, and Bangalore explained about the Synthesis &amp; Characterization of Conducting Polymers for Sensors Applications</p> 
<p><b>Event Description:</b> The Department of Physics, Don Bosco Institute of Technology, Bangalore hosted five days virtual Faculty Development Programme on the topic “Advanced Materials and their Technological Relevance-2021” during 23rd -27th November 2021. The programme was inaugurated virtually on tuesday, 23rd November 2021 by the Guest Speaker, Dr. K.M Eshwarappa, Assoc. Professor, Department of Studies in Physics, Davangere University, Davangere in presence of organizing conveners’, viz., Principal, HOD, &amp; Faculty DBIT, Bangalore. The Faculty Development Program was designed to explore the implications of Science with an objective to encourage young minds to enhance their research abilities by providing an opportunity to meet experts in the field. The Resource Persons for this programme were from Christ University, Bangalore University, Jain University, BMS College, and other reputed Industries. The programme covered, Polymer Composites, Bioactive glasses, Organic Solar Cells, Nanocomposites, Conducting Polymer, Energy Storage and Conversion Devices, On the whole, the programme was successful.</p>	

**Academic Year: 2020-21**

<b>NAME OF THE EVENT: Webinar - 21st Century Technology Skills for CSE Students</b>	
Organized by: Physics	Date: 16th February 2021
Resource Person Name: Mr. Gururaj P Cyber Security Engineer, DXCTechnology	For Students/Faculty: student
No. of Participants:	100
	
<p>Event Description: The main intention of this webinar is to create an awareness on top 10 IT skills which are in high demand and make them understand the difference between Top 10 IT domains.</p> <p><b>Learning Objectives:</b> Students will know top 10 IT skills which is in high demand. Students can understand the difference between the TOP 10 IT domains</p> <p><b>Learning Outcome:</b> Students identify the different jobs available for them in the field of computer science engineering. Students will be able to evaluate the best IT job that can match their area of interest. Students will be able to identify various software certifications available for each IT domain.</p>	

Academic Year: 2019-20

NAME OF THE EVENT: **International Webinar -Integration of Graphene & Semiconductors for Optoelectronic Applications**

Organized by: Physics Department

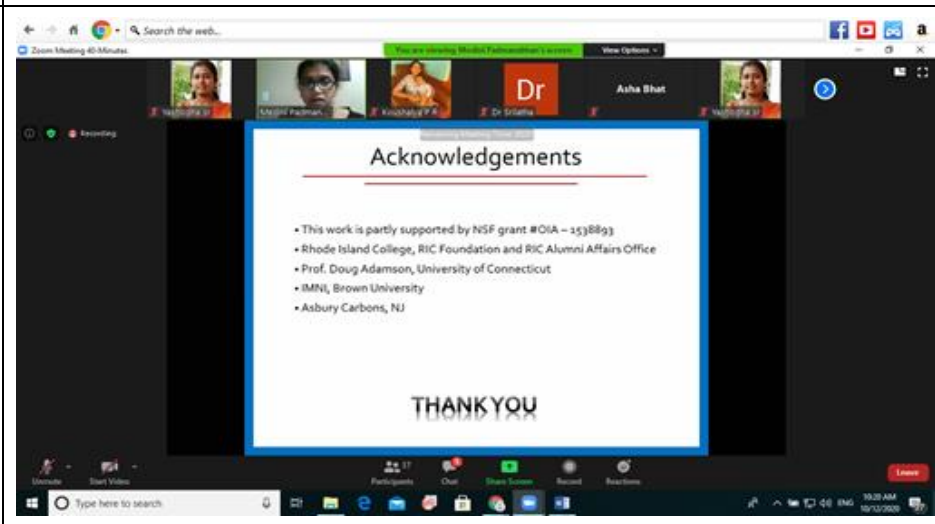
Date:12<sup>th</sup> October 2020

Resource Person Name: **Dr. Medini Padmanabhan**  
Rhode Island College, USA

For Students/Faculty: Faculty

No. of Participants:

50



Event Description:

The main intention of this webinar is to provide an interdisciplinary forum for scientists, academicians, faculty, researchers and students engaged in the full spectrum of research to discuss innovations and challenges in Science and Technology.

The objectives of this International webinar were to understand Graphene, why is it interesting and how does the incorporation of Graphene for Optoelectronic memory in nanodevices. Also to look into the current work- The computational studies- inclusion of piezoelectric materials.