

## About the Institute

Bangalore Institute of Technology, popularly known as BIT, was started in the year 1979 by RAJYA VOKKALIGARA SANGHA. BIT, recognized by AICTE and affiliated to VTU has 10 UG programs, 10 PG programs and 13 research centers. 9 UG courses and MCA are accredited by NBA. The institute has well established modern infrastructural facilities with highly qualified and experienced faculty. BIT is committed to provide industrial and research exposure to students by signing MoUs with industries/reputed companies and setting up center of excellence in each department.

## About the Webinar

The era of modern physics is one of completely unexpected and inexplicable discoveries. Photo Electric Effect (PEE) is one among them. It opened the gateway to quantum physics. PEE was first observed in 1887 by Heinrich Hertz during experiments with a spark gap generator. Investigations by Philipp Lenard and Robert Millikan into the PEE yielded results that did not fit with the classical theory of electromagnetic radiation. Eventually in 1905 Albert Einstein figured out what was going on in PEE and solved it based on Planck's quantum theory. Electric eye, light meter, film audio track, photovoltaics, photo static copying etc. are some of the technological outcomes of PEE. Einstein was awarded with the Nobel Prize in Physics in 1921 for his work on PEE. The webinar is organized by the Department of Physics, BIT to commemorate the 100<sup>th</sup> year of this accomplishment.

*E-Certification on Active Participation*

## About the Department

The Dept. of Physics is always in the forefront in recognizing important events in advance and organized several workshops/seminars. To mention a few; *World Year of Physics in 2005, 100<sup>th</sup> Year Celebration of Einstein's works in 2016, Shock Waves in Science, Engineering & Medicine in 2017 and Lasers & NLO in 2017.* Eminent speakers like Dr. Bala Iyer of ICTS, Dr. K.P.J Reddy of IISc and many more from other prestigious organizations such as IIAP, RRI, NAL, BEL, Bangalore University etc. have given talks in workshops/seminars. The department has a well established R & D center with ongoing VGST research project and VTU recognized guides.

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**Dr. G. K. Narasimha Murthy**  
Associate Professor  
Department of Physics

### Advisory Committee

<b>Dr. D. Nagaraja</b> Professor & Head Department of Physics	<b>Prof. S. Rangappa</b> Associate Professor Department of Physics
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## Bangalore Institute of Technology

(Affiliated to VTU, Belagavi, Accredited by NBA)

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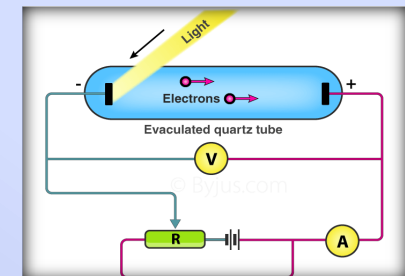
*Presents*

**One Day Webinar on**

**“Photo Electric Effect: 100 Years”**

**Date: 1<sup>st</sup> December 2021**

**Time: 2 pm to 4.30 pm**



*Organized by*

**Department of Physics**

*Online Platform: Cisco Webex*

**Click here for free registration**

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