



**BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING**  
(Approved by AICTE, New Delhi & Affiliated to Guru Gobind Singh Indraprastha University, Delhi)  
(An ISO 9001:2015 Certified Institution)

**A-4, Paschim Vihar, Main Rohtak Road, New Delhi – 110063**

**Date : 06/09/2018**

**NOTICE**

BVCOE Applied Science (Physics) Department is organizing a Science Academies sponsored lecture workshop on the theme "Optics & Special Theory of Relativity" from October 10 - 12, 2018, in association with Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi, The National Academy of Sciences India, Allahabad.

All the Teachers & Students of BVCOE can participate in this lecture workshop. There is no registration fee for attending the lecture workshop. Interested teachers & students can register through the given registration link/QR Code from 6<sup>th</sup> Sept. 2018 to 30<sup>th</sup> Sept. 2018. For more details refer the workshop brochure.


**Note: Only 150 participants will be permitted to register online and registration is done on 'First come First Serve' basis.**


Registration Link:

<https://goo.gl/MP1vEd>

Registration QR Code:



  
**Dr. Anil Kumar** 6/09/18.  
**Coordinator**  
**Science Academies**  
**Lecture Workshop**

  
**Dr. Sushmita Mohapatra**  
**HoD, Applied Science Dept.**

  
**Principal**

Copy To:

1. The Regional Director, Bharati Vidyapeeth Regional Office, Delhi
2. Principal Office
3. IInd Shift, Incharge
4. All HOD's (for information of Staff)
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6. Students Notice Board
7. NSS Notice Board
8. NSS App.

### DAY 1, 10 Oct. 2018 Wednesday

09:00-09:30 am : Inauguration

09:30-11:00 am : Lecture-1

Dr. Ajoy Ghatak (IIT, Delhi)

Topic : WHAT IS LIGHT . How light was created at the first place!

11:00-11:15 am : Tea Break

11:15-12:45 pm : Lecture-2

Dr. Ajoy Ghatak (IIT, Delhi)

Topic : E=mc<sup>2</sup> and its many consequences.

12:45-01:45 pm : Lunch Break

01:45-03:15 pm : Lecture-3

Prof. Ashok Kumar Goyal (Delhi University)

Topic : Diffraction of Light

03:15-04:45 pm : Lecture-4

Prof. Ashok Kumar Goyal (Delhi University)

Topic : Polarization of Light

04:45-05:00 pm : Tea Break

### DAY 2, 11 Oct. 2018 Thursday

09:30-11:00 am : Lecture-5

Prof. Y. K. Mathur (PDM University)

Topic : Introduction to Special Theory of Relativity

11-11:15 am : Tea Break

11:15-12:45 pm : Lecture-6

Prof. Y. K. Mathur (PDM University)

Topic : Difference between STR & General theory of Relativity

12:45-01:45 pm : Lunch Break

01:45-03:15 pm : Lecture-7

Prof. Debajyoti Chaudhary (Delhi University)

Topic : Relativistic expression on STR & E=mc<sup>2</sup>

03:15-04:45 pm : Lecture-8

Prof. Debajyoti Chaudhary (Delhi University)

Topic : Contradiction to Length, Mass & Time

04:45-05:00 pm : Tea Break

### DAY 3, 12 Oct. 2018 Friday

09:15-10:45 am : Lecture-9

Prof. O.P. Thakur (NSIT)

Topic : Introduction to Laser & its practical applications.

10:45-11:00 am : Tea Break

11:00-12:30 pm : Lecture-10

Prof. O.P. Thakur (NSIT)

Topic : Fiber Optics, characteristic, applications

12:30-01:30 pm : Lunch Break

01:30-02:30 pm : Lecture-11

Prof. Lalit Mohan Manocha (DMSRDE, Kanpur)

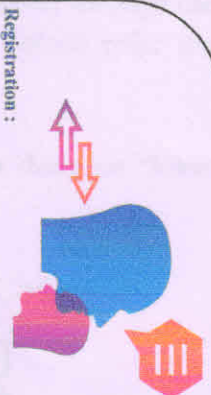
Topic : Discussion

02:30-03:30 pm : Valedictory Session

Distribution of Certificates, Feedback of participants.

Vice-Chairman: Dr. Anil Kumar, Co-ordinator

03:30-04:00 pm : Tea



### Registration :

- There is No registration fee to attend this lecture workshop.
- Lunch and refreshments will be provided to all the participants.
- Only 150 participants will be permitted to register and registration is done on "First Come First Serve" basis.
- Interested students/teachers are requested to fill the Google form using link or QR code on or before 30<sup>th</sup> September 2018.

### For Registration:-

1. Please open the given form link :

<https://goo.gl/Mp1yEd>

Or

2. Please scan the below QR Code :-



(Note: Download QR Code Reader from Play Store)

### Convenor

**Dr. Lalit Mohan Manocha, FNA**

**Dr. Raja Ramanna DRDO Distinguished Fellow, DMSRDE, Kanpur**

### Coordinator

**Dr. Anil Kumar**

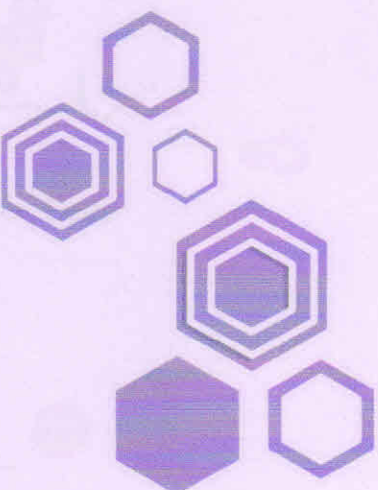
Assistant Professor (Physics)

Applied Science Department

Bharati Vidyapeeth's College of Engg. New Delhi-63

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## SCIENCE ACADEMIES LECTURE WORKSHOP

On  
Optics and Special Theory of  
Relativity

Jointly Organised By  
Indian Academy of Sciences, Bengaluru  
Indian National Science Academy, New Delhi  
The National Academy of Sciences India, Allahabad



Hosted by

Department of Applied Science, Physics  
Bharati Vidyapeeth's College of Engg, Paschim  
Vihar, New Delhi-110063

Date: October 10-12, 2018  
Venue: BVCOE, New Delhi