

**Activities organized by**

**C.V. Raman Physics Association**

**Department of Physics , PGGC sector-11 Chandigarh**

**Session 2020-21**

Organised a virtual movie show



*Post Graduate Government College, Sector- 11, Chandigarh*

**Dr. C.V. Raman Physics Association,  
Department of Physics invites you to**

# QUANTUM INDIANS

**A movie show on great Indian scientists**

**Date: 28/10/2020**

**Time: 11:30 AM (IST)**

**Platform : ZOOM**

**"Quantum is what's going  
to be all about... FUTURE"**

<https://us04web.zoom.us/j/75181654927?pwd=NHFReEYvQWxmMCs5bnBaVIR4ODN1Zz09>

**Dr. Sangam Kapoor  
Principal**

**Dr. J.P. Singh  
HOD**

# Organised a Webinar on Drone technology

Department of Physics, in association with Chandigarh Institute of Drones Organizing

Post Graduate Government College,  
Sector - 11, Chandigarh



National Workshop cum Webinar on  
**"PHYSICS BEHIND UNCREWED VEHICLES:  
DRONES & ROBOTS"**

04 Nov 2020 | 12:00 NOON - 2:00 PM (IST)

<https://meet.google.com/ehq-axni-tfa?hs=122&authuser=0>



Dr. Sangam Dutta  
Principal  
PGGC-11

Er. Sunny Kumar  
Founder & CEO  
Chandigarh Institute of Drones


Keynote Speaker:  
Er. Manish Pandit  
Technical Head  
Chandigarh Institute of Drones

Organizer:  
Dr. J.P. Singh (HOD, Physics Dept.)  
Dr. Rajesh Sharma  
Dr. Satvinder Singh



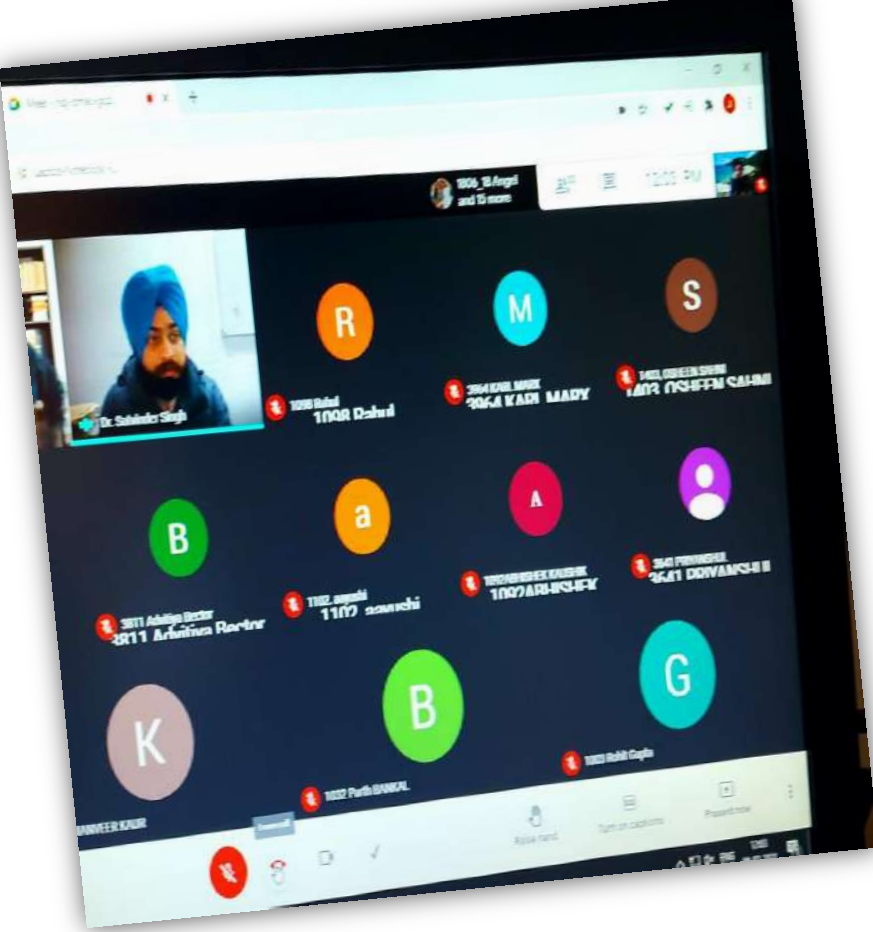
Multi rotor drone:- It is also known as copter, and it has different possible shape like.

1. Dual copter
2. tri copter
3. quad copter
2. 4 hexa copter
- 5 octa copter




Manish Pandit





**Post Graduate Government College, Sector - 11, Chandigarh**




**Dr. C.V. Raman Physics Association, Department of Physics celebrates**

# National Science Day

**On 28<sup>th</sup> February, 2021**

**Patron**



**Dr. Sangam Kapoor**  
Principal

**Events**

**CLICK: The Digital Photography Competition on Theme: Physics is fun**  
Registration cum photo upload form link: <https://forms.gle/LUF2xH494HbGTP6m9>

**Expert Talk on the topic: आधुनिक भारत के महान वैज्ञानिक : भारत रत्न डॉ सी वी रमन**  
Time: 11:30 am <https://meet.google.com/hdj-dmac-gcd?hs=122&authuser=0>

**Organizers :**  
Dr. J. P. Singh (HOD Physics)  
Dr. Rajesh Sharma  
Dr. Satvinder Singh

REC R Rajesh Sharma is presenting

1032 Parth BAN... and 21 more

11:44 AM

## Rayleigh and Raman Scattering

- ▶ Only objects whose dimensions are on the order of  $\sim 1-1.5$  will scatter EM radiation (molecules).
- ▶ Rayleigh scattering : the scattering of light by particles in a medium, without change in wavelength.
- ▶ Raman scattering : The scattering of radiation with change of frequency is called Raman scattering.

RAMAN SPECTROSCOPY is a technique that uses scattered light resulting from photon-molecule collisions to investigate molecular properties.

Science day celebrations

11:44 AM

Rajesh Sharma is presenting

REC D 11:41 AM

## Expert talk on Dr. C. V. Raman

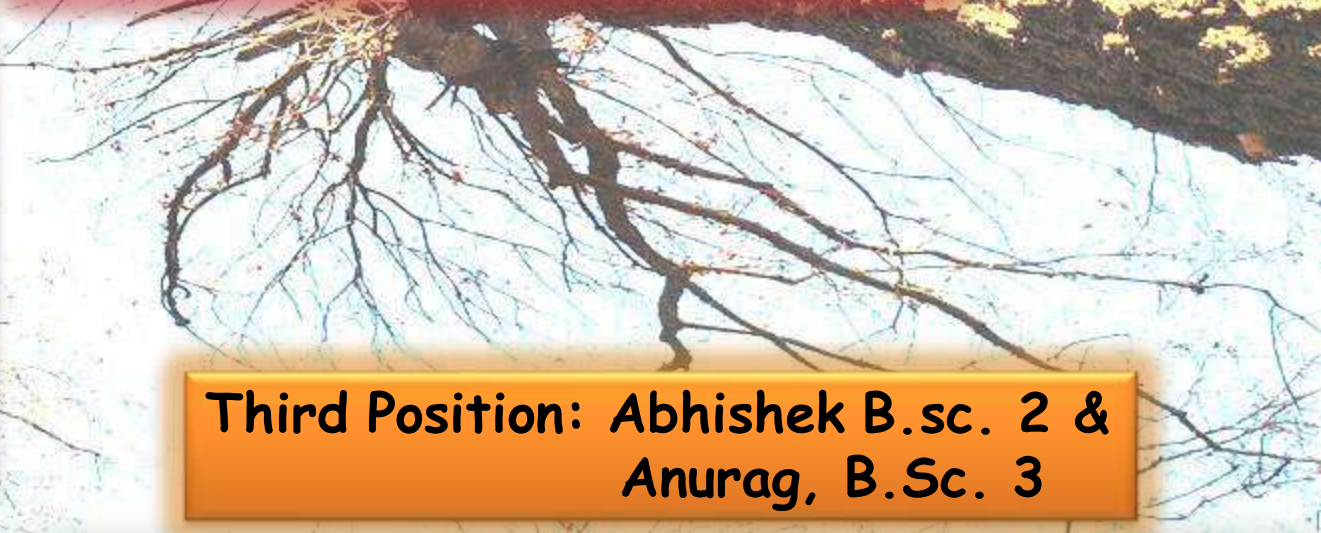
# Digital Photography Competition



**First Position: Manvinder Singh, B.Sc. 2**



**Second Position: Sakshi, B.Sc. 1**



**Third Position: Abhishek B.sc. 2 & Anurag, B.Sc. 3**

