



Parvatibai Chowgule College of Arts & Science (Autonomous)

Accredited by NAAC with Grade 'A' (CGPA of 3.41 on a 4 point scale)
Best Affiliated College-Goa University, Silver Jubilee Year Award

PRERNA DIWAS- NATIONAL SCIENCE DAY 2021



“Future of STI: Impacts on Education, Skills and Work”

Organised By
DR. NANDINI VAZ FERNANDES
DEAN-FACULTY OF LIFE SCIENCES



To Commemorate the National Science Day celebrated annually on 28th February, the following activities are organised for the students of faculty of Life Sciences.

Open to students of Faculty of Life Sciences

Competitions:

1. Discovery Gallery – Pride of India
2. Innovative Idea Competition
3. Scientoons
4. E-Poster Competition
5. Quiz – Know more.



Objective: To spread the message of importance of Science and promote scientific temper.



“DISCOVERY GALLERY - PRIDE OF INDIA”

E-POSTER COMPETITION

WHAT YOU NEED TO DO.....

Prepare ‘E-poster – should contain Photograph of Indian scientist, his/her important discovery, image depicting the same, and brief on how it impacted our lives.

SAMPLE

GUIDELINES:

Number of entries per participant: 01


Size of the poster: A4

Submission details: PNG file, email to

zoology@chowgules.ac.in

Please write your full name, class and your department in the submission email.

SUBMISSION DATE:
25th February 2021

 <p>C. V. Raman (7 November 1888 – 21 November 1970)</p>	<p>KNOW MORE DR. C V RAMAN. ... Chandrasekhara Venkata Raman was an Indian physicist known mainly for his work in the field of light scattering. With his student K. S. Krishnan. He was born on 7th November 1888, Thiruvanaikoil, Tiruchirappalli.....</p>
<p>Discovery... C.V. Raman was awarded the 1930 Nobel Prize in Physics for his discovery of the Raman effect, in which light that passes through a material is scattered and the wavelength of the scattered light is changed because it has caused an energy state transition in the material's molecules....</p>	<p>Impact on our lives.... Raman effect gave birth to the field of Raman spectroscopy, which has extensive applications around the globe, and across fields. It can help in determining chemical bonding structures, characterise materials, determine temperature, find out crystalline orientation, identify pharmaceutical chemicals, discover counterfeit drugs, identify pigments in old paintings and historical documents, and detect explosives using lasers from a distance.....</p>
<p>TAG LINE:</p>	

For queries contact event Coordinators:

Ms. Gautami Manakikar ,Ms. Madhu Balekai and Ms. Pratibha T.
Asst. Professors, Department of Zoology

mpb006@chowgules.ac.in / gnm003@chowgules.ac.in / prr003@chowgules.ac.in



Competition 2



Innovation idea competition: Theme- 'Mitigating Climate Change'

Climate Change Mitigation refers to efforts to reduce or prevent emission of greenhouse gases. **Mitigation** can mean using new technologies and renewable energies, making older equipment more energy efficient, or **changing** management practices or consumer behavior.

Present a promising idea for combating climate change:

GUIDELINES

- Number of entries per participant: 01
- Prepare e-poster on powerpoint
- Single page portrait format
- Font size: Title: 28/30
- Content : 16
- Slide size: A4
- Submission details: PNG file, email to zoology@chowgules.ac.in

SUBMISSION DATE:
25th February 2021

Please write your full name, class and your department in the submission email.

For queries contact event Coordinators:

Ms. Tessa Vaz, Ms. Prasanna Naik Gaonkar, Mr. Stephen Dias

Asst. Professors, Department of Zoology

tjv003@chowgules.ac.in / pun005@chowgules.ac.in / sjd006@chowgules.ac.in



Competition 3

SCIENOTOONS



Theme: 'Self-reliance (Atmanirbhar)' OR 'Waste management'

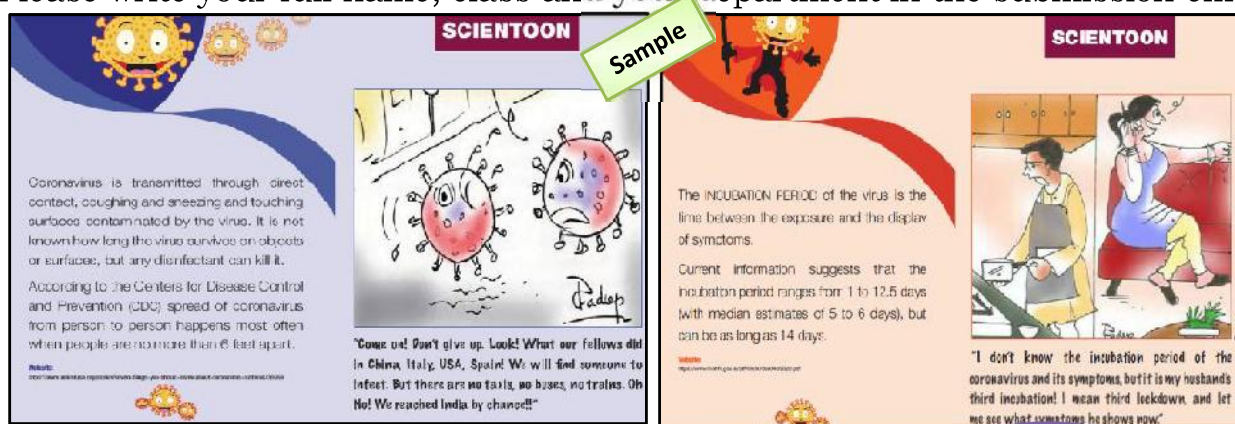
A cartoon is a pictorial display of a discussion, event or idea depicted with the help of a single picture. Short and simple cartoons have been very well accepted since their inception. Conveying a message with an acceptable satire gains the attention of the reader much faster than any other available form of readable communication.

OBJECTIVE: test the ability of the students to Convey a message or provide information through cartoons about new researches, subjects and concepts in a simple, understandable and interesting way

How to create a scientoon?

- On an A4 sheet, you need to write your **Full name** and **Class** on the **left hand side top corner with Blue or Black Pen**.
- A **short write-up of not more than 50 words** on the theme on left side along with the **'Reference Link for the source of information'**.
- **Pictorial scientoon** on the theme should be on the right side followed by a **humour** on the theme using sketch pens/ pencil colours/ crayons/ water colours, etc.

Submission details: PNG file, email to zoology@chowgules.ac.in
Please write your full name, class and your department in the submission email.



SUBMISSION DATE:
25th February 2021

For queries contact event Coordinators:
Ms. Vallanka Dias and Ms. Madhavi Motankar
Asst. Professors, Department of Biotechnology
vad006@chowgules.ac.in / mmm009@chowgules.ac.in

Competition 4



PHOTOGRAPHY COMPETITION

On the occasion of
Prerna Diwas, National
Science Day

Send in your entries to
zoology@chowgules.ac.in

SUBMISSION DATE:
25th February 2021

Theme of the contest
"SCIENCE IN EVERYDAY LIFE"

PHOTOGRAPHY CONTEST
ORGANIZED BY THE DEPARTMENT OF
BIOCHEMISTRY
FACULTY OF LIFE SCIENCES,

PARVATIBAI CHOWGULE COLLEGE OF ARTS AND
SCIENCE

EVERY STUDENT IS ALLOWED ONE PHOTOGRAPH ENTRY
THE PHOTOGRAPH ENTRY SHOULD BE ACCOMPANIED BY A CAPTION
PHOTOGRAPH SHOULD DEPICT THE THEME MENTIONED ABOVE
PHOTOGRAPHS SHOULD BE SENT IN JPG, JPEG, PNG ONLY

For queries contact event Coordinators:

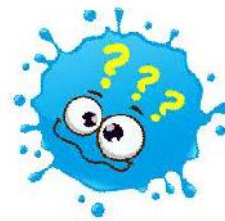
Ms. Sarah Mesquita, Dr. Supriya Khorjuvenkar, Dr. Aduja Naik
Asst. Professors, Department of Biochemistry

stm009@chowgules.ac.in / snp002@chowgules.ac.in / adn008@chowgules.ac.in



Activity 5

QUIZ



OBJECTIVE: To encourage the students to look beyond textual knowledge on the occasion of National Science Day.

FOCUS: The quiz will be held for students of Life Science departments of Parvatibai Chowgule College of Arts and Science (Autonomous). The main focus is to promote and improve the general knowledge in the field of life sciences and build the students' soft skills.

QUIZ DATE:
24TH & 25TH February 2021

INSTRUCTIONS:

- The link for the quiz will be open for two days, **24th and 25th February, 2021** till 11.59 pm.
- Only one response to be submitted by each student.
- Students scoring 60% and above will be eligible for an e-certificate.
- The details asked have to be filled correctly by the student.

LINK: <https://forms.gle/TeX66dSgxt8gECU7>

For queries contact event Coordinators:

Ms. Divyarani Revankar and Ms. Jocelyn Makasare

Asst. Professors, Department of Botany

dsr002@chowgules.ac.in / jem002@chowgules.ac.in