

**Initiatives taken by the Dept. to motivate students to involve in public, professional and domestic spheres of life like activities, programs as a part of curricula and extension programs like field visits, awareness programs in villages, community activities etc.**

In addition to regular teaching and research activities faculty members of Department of Physics motivate students to involve in public, professional and domestic spheres of life and regularly organize different extension activities. Department has established The Centre for Promotion of Science (CPS) to work with all stakeholders to develop and strengthen the science ecosystem in the society in order to advance scientific mentality and its translation into economic value and social wellness. The Centre will work for promotion of Science & awareness to inculcate scientific outlook among the common people of the society.

Department initiate various promotional / extension activities involving students, scholars & faculty members –

- To inspire & promote science among the students of different Schools & Colleges of Tripura.
- To promote Science / awareness to inculcate scientific outlook among the common people of the society.
- To arrange awareness programs like – on green initiative & renewable energy, awareness against superstitions etc time to time at various levels.
- To organize different outreach programs involving departmental students / faculty members / eminent scientists time to time.

### **Glimpses of some recent activities:**

1) Centre for Promotion of Science (CPS) regularly organizes special lectures on popular / emerging topics in order to motivate and encourage the young generation.



Dr. A. Guha delivering a popular talk on “Journey from Agartala to Antarctica” on 17.05.2022.

2) Centre has created a digital repository with Popular Science articles to promote Science awareness as well as to inculcate scientific outlook among the common people of the society. Departmental students, scholars and faculty members regularly contribute in this regards. Some of these articles have also been published in various popular daily news paper / news magazine.

**List of some recent popular articles are given below. All these articles have been published in popular news paper of Tripura and are available in the website given below:**

<https://cpstu.wordpress.com/popular-articles/>

i) The Mindless Race for Marks: Do Good Grades Guarantee a successful career?

Developing a Scientific Temper is Essential for Indian Democracy to Flourish

ii) India lags behind emerging world in research and development

iii) Online Education: Prospects and Challenges in India

iv) Choice of appropriate course after HS(+2) level is vital for self career as well as development of the nation

v) Selection of right course is vital for better career (Bengali)

vi) Is It Lack of Scientific Outlook!

vii) Being motivated is the biggest challenge amid the ongoing pandemic

viii) Happy Employees Are More Productive

ix) How & When we shall become a Developed Nation?

x) Effectiveness of Herd Immunity Theory to prevent Corona Pandemic in India

xi) Global wealth inequality: one of the key factors behind poverty

xii) Self belief and tenacity is the key behind success

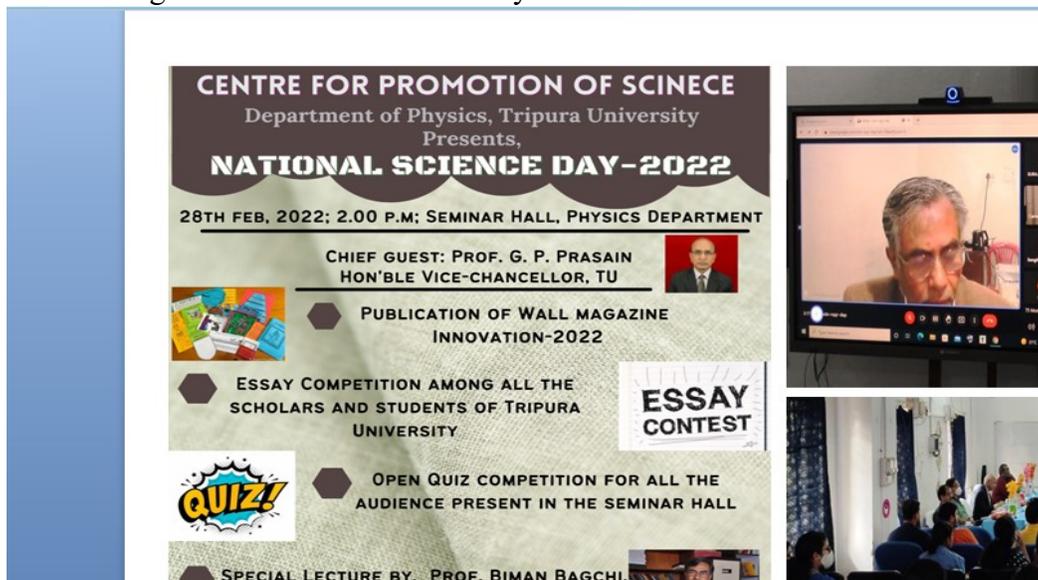
All the above articles are available in the website: <https://cpstu.wordpress.com/popular-articles/>

3) Departmental students, research scholars and faculty members regularly arrange and participate different Science promotional activities at various schools and colleges of Tripura.



Recently departmental faculty members and students attended Science promotion program held at K. B. I. School, Udaipur, Tripura on 24.02.2022

4) Physics departmental students, staffs, and faculty members celebrate National Science Day as well as other important days in order to promote scientific temper and analytic mentality as well as awareness among various levels of the society.

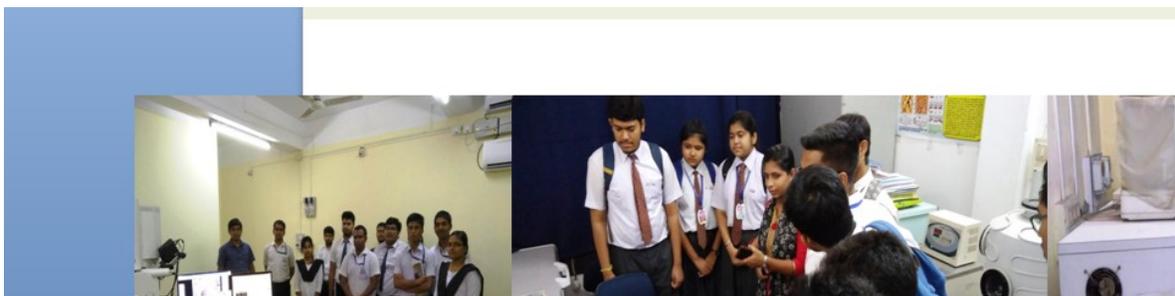


Glimpses of National Science Day – 2022 celebration on 28<sup>th</sup> February, 2022.



Departmental scholars and faculty members celebrated of International Women's Day – 2020 on 8<sup>th</sup> March, 2020

5) Department arranges demonstration and lab visit program for students from various schools on regular basis. Departmental students and research scholars demonstrate various lab equipments to the students in order to inspire and motivate them towards higher education.



Departmental students and scholars demonstrating various labs to the students of Brilliant Star English medium School, Udaipur, Tripura on 19.07.2019.



Inspiring program to the students of Don Bosco English Medium School, Agartala on 15.07.2018

6) Departmental students publish a wall magazine “INNOVATION” on a regular basis. This magazine includes writings from students and scholars of the department on different popular science articles. This helps the students to develop editing as well as writing skills.



Inauguration of wall magazine – 8<sup>th</sup> volume of “INNOVATION” By Prof. G. P. Prasain, Hon’ble Vice Chancellor, Tripura University on 28<sup>th</sup> Feb., 2022