

## Vivekananda College Astronomy Club.



The **Astronomy Club of Vivekananda College** was founded by Dr. Arvind Pan Principal Dr. Tapan Podder sir by the support of and mainly physics and mathematics department and also from the support of whole college. Now a days the responsibilities of the club are in good hands of convener of the club Dr. Kaushik Ghosh and Subhayan Biswas (Department of physics).

The College Administrative body found the importance of an astronomy club in a college lies in its ability to **foster curiosity, scientific inquiry, and a deeper understanding of the universe** among students. This club provides a number of benefits to the students and also faculty-members of our college as

- **Education and Exploration:** Astronomy clubs offer students opportunities to learn about celestial bodies, astronomical phenomena, and the latest discoveries in space science through workshops, lectures, and observation sessions.
- **Hands-on Experience:** Members can gain practical experience by using telescopes, learning how to navigate the night sky, and conducting their own observations and experiments.
- **Community Building:** The club serves as a platform for like-minded individuals to come together, share their passion for astronomy, and form lasting friendships.
- **STEM Promotion:** By engaging in astronomy-related activities, the club promotes interest and participation in STEM (Science, Technology, Engineering, Mathematics) fields, particularly among underrepresented groups.
- **Outreach and Public Engagement:** Astronomy clubs often organize events such as star parties, public talks, and school and college visits to share their knowledge and enthusiasm for astronomy with the wider community.
- **Research Opportunities:** Students may have the chance to collaborate on research projects, participate in science initiatives, or even contribute to academic publications and the research guidance cell of the college helps them to do that.

- **Career Development:** In addition to enhancing academic skills, involvement in the club can provide valuable leadership, teamwork, and communication skills that are applicable to various careers, including research, education, and science communication.

Overall, the astronomy club serves as a hub for exploration, learning, and inspiration, enriching the college experience and nurturing future scientists and enthusiasts alike.

## Some Initiatives from Astronomy Club from 2019-2023



The Astronomy Club arrange several programs and seminars through the whole session for student awareness. At the time of covid to motivate the students this club arranged some webinars by renowned persons from the field of astronomy. Some important pictures are given below.

**Astrophysical Recipes to Cook Merging Black Hole Binaries:**  
National level Webinar on: 31<sup>st</sup> August, 2020. Time: 11 A.M.  
Organized By-  
**ASTRONOMY CLUB -VIVEKANANDA COLLEGE**  
THAKURPUKUR, KOLKATA-63, NAAC Accredited 'A'

**Chief Patron**  
 **Dr. Tapan Kumar Poddar**  
Principal, Vivekananda College,  
Thakurpukur

**Patron**  
 **Dr. Arvind Pan**  
Associate Professor,  
Physics Department  
G.B & ICAC Coordinator

**Honourable Speaker**  
 **Dr. Sourav Chatterjee**  
Reader, (TIFR), Mumbai  
(DAA)

**Organizing Committee Conveners**  
**Dr. Kausik Ghosh , Subhayan Biswas**  
Assistant Professor, Department of Physics,  
Vivekananda College, Thakurpukur

**Other Committee Members**  
Dr. Ambalika Biswas  
Shri. Aniket Bhanja  
Dr. Arunava Jha  
Dr. Nirmalya Pahari  
Shri. Chandan Maji  
Dr. Jayeeta Saha  
Shri. Somnath Paul  
Smt. Sreoshi Dutta

Platform: Google-meet. And youtube live.  
Meeting link: At 10.45 A.M. by e-mail.

Resistration link:  
<https://forms.gle/EEMFSpACG9RK7Fry9>  
Participation Certificate will be given after feedback.



**One Day National level Webinar on Space Science**  
 11<sup>th</sup> January-2022. Time :- 11am to 4pm (with 1 hr. Recess). Organised by-  
 Astronomy Club & IQAC – Vivekananda College, Kolkata – 63, NAAC Accredited 'A'

**Are we alone in the Universe-(Dr. Ankan Das)**

**Organizing Committee Conveners**  
**DR. KAUSIK GHOSH**  
**SUBHAYAN BISWAS**  
 Assistant Professor, Department of Physics  
 Vivekananda College, Thakurpukur

**Other Committee Members**  
 Shri. Aniket Bhanja  
 Dr. Arunava Jha  
 Shri Debraj Nath  
 Dr. Jayeeta Saha  
 Shri. Somnath Paul  
 Smt. Sreoshi Dutta

**Earthquake Prediction: A Scientific Controversy-(Dr. Sudipta Sasmal).**

**Mars Mission-(Dr. Ritabrata Sarkar)**

**Black Holes: End Product of Massive Stars-(Dr. Dipak Debnath)**

**CHIEF PATRON**  
**DR. TAPAN KUMAR PODDAR**  
**PRINCIPAL, VIVEKANANDA COLLEGE**

**PATRON DR. ARVIND PAN**  
**ASSOCIATE PROFESSOR,**  
**DEPARTMENT OF PHYSICS**  
**IQAC COORDINATOR**

Platform: Google-meet. Meeting link: At 10.45 A.M. by e-mail.

Registration link:  
<https://forms.gle/epdazc5g5M2M7ffeA>

**e-Certificate of participation**  
**Webinar organized by Astronomy Club & IQAC**  
**Vivekananda College, Thakurpukur**

This is certifies that Mr. Tanmoy Mondal of New Alipore College

Had successfully participated in the national level webinar on "Space Science" organized by Astronomy Club & IQAC of Vivekananda College Thakurpukur, kol-700063.

*This Certificate is given on the day 11/01/22 by Astronomy club at 11:30pm*

Dr. T. F. POGGAL Astronomy club  
 PRINCIPAL, VIVEKANANDA COLLEGE

**e-Certificate of participation**  
**Webinar organized by Astronomy Club & IQAC**  
**Vivekananda College, Thakurpukur**

This is certifies that Ms. Tanushree Ghosal of Vivekananda College, Thakurpukur

Had successfully participated in the national level webinar on "Space Science" organized by Astronomy Club & IQAC of Vivekananda College Thakurpukur, kol-700063.

*This Certificate is given on the day 11/01/22 by Astronomy club at 11:30pm*

Dr. T. F. POGGAL Astronomy club  
 PRINCIPAL, VIVEKANANDA COLLEGE

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**Webinar organized by Astronomy Club & IQAC**  
**Vivekananda College, Thakurpukur**

This is certifies that Mr. Tanmoy Mondal of New Alipore College

Had successfully participated in the national level webinar on "Space Science" organized by Astronomy Club & IQAC of Vivekananda College Thakurpukur, kol-700063.

*This Certificate is given on the day 11/01/22 by Astronomy club at 11:30pm*

Dr. T. F. POGGAL Astronomy club  
 PRINCIPAL, VIVEKANANDA COLLEGE

**e-Certificate of participation**  
**Webinar organized by Astronomy Club & IQAC**  
**Vivekananda College, Thakurpukur**

This is certifies that \_\_\_\_\_ of \_\_\_\_\_

Had successfully participated in the national level webinar on "Space Science" organized by Astronomy Club & IQAC of Vivekananda College Thakurpukur, kol-700063.

*This Certificate is given on the day 11/01/22 by Astronomy club at 6pm*

Dr. T. F. POGGAL Astronomy club  
 PRINCIPAL, VIVEKANANDA COLLEGE