Government of West Bengal
Department of Science & Technology and Biotechnology (DSTBT)
Vigyan Chetana Bhavan, Block-DD, Plot-26/B,
Sector-I Salt Lake, Kolkata-700064

Application Format for Science Popularization Programme

1. Programme Type (ref SN 11 of the Memorandum): **Seminar/ Symposium/ Conference/ Workshop etc. organized by colleges.**

2. Title of the proposed Programme: **Astromania: J. V. Narlikar Memorial Seminar on Modern Science & Astronomy with a Workshop on Stellarium.**

3. Target Group (Faculty, Teacher, Research Scholar, School/College/ University Student, Community): **School students (classes 9-12) and College students from Paschim Bardhaman District.**

4. Duration (days): 2-days; Tentative Dates of the proposed Programme: **February 12-13, 2026.**

5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary): **Please see Attachment-1.**

6. Name, Designation, Postal Address, mobile no. and e-mail id of the (only one) Programme Co-ordinator (PC) (attach separate sheet, if necessary): **Dr. Ambalika Biswas**, Assistant Professor, Post-Graduate Department of Physics, B. B. College Asansol, Mob:- 8583871030, Email: ani73biswas@gmail.com, ambalika.official.2020@gmail.com

7. Legal status of the Institute (School/College/ University/ Institute/ Polytechnic/ITI/ Autonomous body/ registered NGO/ Trust etc.): **Govt. Aided UG/PG COLLEGE**.

8. Date wise detail Programme Schedule (attach separate sheet, if necessary): **Please see Attachment-2.**

9. Collaborating Institutions/ Organizations, if any, with their specific contribution: **NIL**

10. Expected number of participants and list of Resource Persons/ Invited Speakers:

Expected No. of Participants: **150.**

Resource Persons/Invited Speakers:-

i) *Prof. (Dr.) Uday Bandyopadhyay*, **Honourable Vice Chancellor, Kazi Nazrul University**.

ii) *Dr. Tamal Basak*, Assistant Professor, **Indian Centre for Space Physics, Kolkata**

iii) *Shri Avik Dasgupta*, Sr. Project Scientist, **The Thanu Padmanabhan Centre for Cosmology and Science Popularization,** SGT University, Gurgaon, Delhi - NCR

iv) *Shri. Dhrubajyoti Chattopadhyay*, District Science Officer, **District Science Centre- Purulia.**

11. Give details of the grant received from DSTBT in last three Financial Years, if any alongwith the date of submission of UC, Audited SoE, Report etc.: **Not Applicable**.

12. Name and address of the authority to whom the allotted amount is to be credited (if sanctioned) who will also be responsible for submitting the UC, audited SoE, Programme Completion Report, Feedback, Still and Video photographs etc. of the grant: **Principal, Banwarilal Bhalotia College Asansol (Please see details in Annexure-II).**

13. Total Estimated Expenditure (A)/ Organisation's contribution (B)/ Contribution from any other sources (C) / Grant expected from DSTBT(D): **(A: ₹ 1,56,000) (B: ₹ 16,000) (C: ₹. 0) (D: ₹ 140000)** (provide detail Budget break-up as per Annexure-I and Bank details as per Annexure-II): **(Please see details in Annexure-I & Annexure-II).**

Check List (put tick) of attachments to be submitted with the application

- Proposed Total Budget with break-up (Annexure-I) and Bank Details (Annexure-II) in Institute/ Organization's letter head: **YES/NO**
- For registered NGO/ Trust, filled in Application Format recommended by the appropriate Recommending Authority, viz., Jt.BDO/ BDO/ SDO/ DM/ Executive Officer- Municipality/ Commissioner-Municipal Corporation as the case may be (where the programme is actually going to be held): **YES/NO**
- For registered NGO/ Trust, attested copies of the registration certificate, latest renewal certificate, Memorandum and Rules & Regulations of the Organization, last three years Audited Statement of Accounts, Annual Reports etc., List of recommended beneficiaries: **YES/NO**

DECLARATION

Certified that the details furnished in the filled in format are correct to the best of our knowledge & belief and that the amount of financial assistance, if sanctioned, will be utilized for the purpose for which it is granted within the time as prescribed by DSTBT. We also undertake to abide by the General Guidelines and Terms & Condition prescribed by DSTBT and provide due coverage to DSTBT during the Programme and publications/ print and electronic media made from the Programme in future. We also declare that within one month after completion of the Programme we shall submit the Utilisation Certificate (UC), Audited Statement of Expenditure (Audited-SoE), Programme Completion Report, Feedbacks from the Participants, still and video photographs etc.

Signature: Ambalika Biswas

Date: 11.12.2025.

Name of Programme Coordinator: DR. AMBALIKA BISWAS.

Designation: Assistant Professor

Address: Banwarilal Bhalotia College, Asansol, WB.

(Office Seal)

Signature:

Date: 11/12/25

Name of Head of the Institution: Amitava Basu

Designation: DR. AMITAVA BASU
Principal, B. B. College
Ushagram, Asansol, P. Bardhaman
West Bengal - 713303

Address:

BANWARILAL BHALOTIA COLLEGE * ASANSOL - 713303 *

RECOMMENDATION

(only for registered NGO/ Trust)

Certified that the said Organisation is reputed in this field and I/ we recommend the said proposal for getting grant-in-aid from DSTBT, Govt of West Bengal for the benefit of the local College/ University Students/ Community etc.

Signature:

Date:

Name of Recommending Authority:

Designation:

Address:

(Office Seal)

Estd: 1944

Banwarilal Bhalotia College

Constituent college of the **KAZI NAZRUL UNIVERSITY**, Asansol
(GOVT. SPONSORED **U G & P G** College)
ASANSOL – 713303, WEST BENGAL
(INDIA)

Dr Amitava Basu, M Com, Ph D
Principal

Date: 11/12/2025

Annexure-I

Proposed Total Budget with break-ups

A. Total Estimated Expenditure

Sl. No.	Items required with justification and rate	Total Expenditure (A) (₹)
1.	Honorarium to Resource Persons/ Experts	13000
2.	Study materials, Consumables expenses	15000
3.	Hall rent, if any	NIL
4.	Publicity materials	20000
5.	Travel expenses	5000
6.	T.A. to the external Resource Persons/ Experts	15000
7.	Documentation expenses including audio-visual	20000
8.	Light refreshments	60000
9.	Auditors' fee	3000
10.	Other expenses, if any (contingency & other exigencies)	5000
	Grand Total Expenditure (₹):	**156000**

Please mention:

B. Institution/ Organization Contribution* in **₹ 16,000**

C. Contribution from any other sources (with name & Address) in ₹ 0

D. Grant expected from DSTBT (₹) = (A-B-C) = ₹ 1,40,000

Signature of Authorised Personnel with seal

DR. AMITAVA BASU
Principal, B. B. College
Ushagram, Asansol, P. Bardhaman
West Bengal - 713303

If C = 0 Undertaking: This organization/ institution is not receiving any kind of financial assistance from any other sources

Signature of Authorised Personnel with seal

At least **10%** of the total budget contribution from the Institute/ Organization is desirable.

DR. AMITAVA BASU
Principal, B. B. College
Ushagram, Asansol, P. Bardhaman
West Bengal - 713303

Phone: 0341-2274842
Fax: 0341-2274529
Mobile : 9932940169

Web: www.bbcollege.ac.in
E-mail: bbcollege1944@gmail.com, naac.hec@gmail.com

Estd: 1944

Banwarilal Bhalotia College

Constituent college of the **KAZI NAZRUL UNIVERSITY**, Asansol
(GOVT. SPONSORED **U G & P G** College)
ASANSOL – 713303, WEST BENGAL
(INDIA)

Dr Amitava Basu, M Com, Ph D
Principal

Date: 11/12/2025

Annexure-II

Bank details of the Applicant Organization

Name of the Organization	**Banwarilal Bhalotia College**
Bank Account number & name of the Account Holder/Organization	**0824050010134**
Type of Account ((Savings or Current A/c))	**Current**
Name of the Bank	**Punjab National Bank**
Name of the Branch with Branch address	**Asansol-Ushagram (Paschim Bardhaman), West Bengal-713303**
IFSC of the Branch	**PUNB0082420**
Mobile Number of the Programme Coordinator/Head of the Organization	**8583871030**
PAN / TAN of the Account holder/ Organization	**CALB07429C**

BANWARILAL BHALOTIA COLLEGE ★ ASANSOL-713303 ★

Signature of Authorized Personnel with seal

DR. AMITAVA BASU
Principal, B. B. College
Ushagram, Asansol, P. Bardhaman
West Bengal - 713303

Phone: 0341-2274842
Fax: 0341-2274529
Mobile : 9932940169

Web: www.bbcollege.ac.in
E-mail: bbcollege1944@gmail.com, naac.hec@gmail.com

ATTACHMENT-1

Astromania: J. V. Narlikar Memorial Seminar on Modern Science & Astronomy with a Workshop on Stellarium

Aim of the Event:

The primary aim is to spark curiosity about the cosmos, demystify fundamental astronomical concepts, and foster a scientific temperament among school students. The event seeks to transition astronomy from a theoretical subject into an accessible, exciting, and hands-on area of exploration.

Key Objectives:

The event is structured to achieve the following specific objectives among school students:

- ➔ **To Ignite Cosmic Wonder and Curiosity**: Unveil the astounding stellar beauties and profound wonders of Astronomy and modern Space Science by inviting students to join a journey beyond the familiar, where they will have an awe-inspiring glimpse into the vast and ever-evolving Universe. We will help students understand and appreciate the true scale of the cosmos, the composition and motion of objects like planets, stars and galaxies, and, the basic techniques that allow us to trace, understand, and appreciate the dynamic theatre of the night sky.

- ➔ **To Promote a Scientific Mindset**: Encourage students to think critically, ask insightful questions, and develop an evidence-based understanding of their place in the cosmos.

- ➔ **To Build Hands-On Digital Astronomy Skills**: Empower students with a *hands-on training* in **Stellarium**, a powerful open-source planetarium software, so they can independently identify, track, and explore celestial objects and astronomical events.

- ➔ **To Inspire Future STEM Pursuits**: Showcase the exciting career paths and research opportunities available in the fields of astronomy and space science. By connecting imagination with real-world scientific opportunities, the program seeks to plant the seeds of future discovery in young minds.

Key Activities:

Activity-1: Interactive Seminars from Luminaries

Highly esteemed renowned academicians and scientists have gladly accepted to engage, enrich and enlighten the students with their vast knowledge and experience, through both face-to-face

and hands-on interactive sessions. The following are the distinguished speakers and resource persons for the 2- days program: -

1) *Prof. (Dr.) Uday Bandyopadhyay*, **Honorable Vice Chancellor, Kazi Nazrul University.**

2) *Dr. Tamal Basak*, **Assistant Professor, Indian Centre for Space Physics, Kolkata.**

3) *Shri. Dhrubajyoti Chattopadhyay*, **District Science Officer, District Science Centre- Purulia**.

4) *Avik Dasgupta*, Sr. Project Scientist, **The Thanu Padmanabhan Centre for Cosmology and Science Popularization**, SGT University, Gurgaon, Delhi – NCR.

Activity-2: Hands-on Workshop on Stellarium

Format: Hands-on session in a computer lab or with projected demonstration and individual student laptops/tablets. Students need to complete the following:

i) Software Installation and Interface: Quick guide to downloading and navigating the Stellarium interface.

ii) Time and Location Setting: Learning to simulate the sky at any point in time from any location on Earth.

iii) Constellation Identification: Using the software to locate and identify major constellations and bright stars.

iv) Deep Sky Object Search: Using the search function to find planets, nebulae, and galaxies in the simulated sky.

v) Practical Application: Instructing students on how to use Stellarium to plan their own real-sky observation sessions.

Activity-3: Poster Presentation

Active participation of the students through poster presentation. A scientific poster presentation competition on the following thematic areas:

(i) Environment and sustainable science

(ii) AI and its uses in daily life

(iii) Basic Sciences and technology

(iv) Cyber security and networking

Target Audience and Logistics:

· Primary Target Audience: School students from Grade 9 to Grade 12 representing different schools of the entire Paschim Bardhaman District and College Students.

· Duration: Full-day event for 2 days (approximately 16 hours total, including breaks).

· Resources: A lecture hall/auditorium for the seminar, a computer lab or reliable Wi-Fi for the workshop, and a resource kit including a basic guide to Stellarium and a star chart.

ASTROMANIA: J. V. NARLIKAR MEMORIAL SEMINAR ON MODERN SCIENCE & ASTRONOMY WITH A WORKSHOP ON STELLARIUM

PROGRAMME SCHEDULE

Date: 12th February 2026

- **Registration and Reporting Time:** 09:30 AM
- **Inauguration and Welcome address** by the Principal: 10:30 AM
- **Plenary Interactive Session-1**: 11 AM

  Resource Person: Prof. (Dr.) Uday Bandyopadhyay, Vice Chancellor, Kazi Nazrul University

  Topic: "The Science of 'Why ?' From Lab to Classroom: Demystifying Modern Biology, Cell Signaling, and Drug Discovery for Future Thinkers & Innovators"
- **Plenary Interactive Session-2**: 12 PM

  Resource Person: Dr. Tamal Basak, Assistant Professor, Indian Centre for Space Physics, Kolkata

  Topic: Our Place in the Cosmos: From Earth to the Edge of the Universe

LUNCH BREAK: 1:15PM-2:15PM

- **Workshop on Stellarium**: 2:15PM-4:30 PM

  Resource Person: Avik Dasgupta, Sr. Project Scientist, The Thanu Padmanabhan Centre for Cosmology and Science Popularization, SGT University, Gurgaon, Delhi - NCR.

Date: 13th February 2026

- **Plenary Interactive Session-1**: 10:30 AM

  Resource Person: Shri. Dhrubajyoti Chattopadhyay, District Science Officer, District Science Centre-Purulia., Topic: "From Curiosity to Discovery: How Young Minds Can Shape the Future"
- **Poster Presentation Competition**: 11:30 AM-1:30 PM

  Jury: 1) Jitendra Nath Roy, Professor, Dept. of Physics, Kazi Nazrul University Asansol.

  2) Dr. Soumen Chakraborty, Associate Professor, Dept. of Chemistry, B. C. College Asansol

  3) Kajal Krishna Dey, Associate Professor, Dept. of Physics, B. B. College Asansol
- **Scientific poster presentation competition** on the following thematic areas:

  (i) Environment and sustainable science

  (ii) AI and its uses in daily life

  (iii) Basic Sciences and technology

  (iv) Cyber security and networking

LUNCH BREAK: 1:30PM-2:30PM

- **Student Feedback and Interaction**: 2:30PM-3:30PM

VALEDICTORY AND PRIZE DISTRIBUTION SESSION: 3:30PM-4:30PM

A Brief CV of the Program Coordinator

Dr. Ambalika Biswas

Assistant Professor of Physics
B. B. College Asansol
Mobile: +918583871030
+919434165654
Email: ani73biswas@gmail.com
ambalika.official.2020@gmail.com
Address: Flat no: A-6, Binod Bihar
159, Motjiheel Avenue
Dum Dum, Kolkata - 700074
West Bengal, India

SheRNI (IRINS) Govt. of India, Profile Link:
https://sherni.inflibnet.ac.in/profile/357039

RESEARCH INTEREST

After the break-through discovery of the Higgs boson in 2012 at the LHC, the Standard Model had been pretty much exhausted. SM provides no answers to CP violation, baryon asymmetry or neutrino masses. Infact it doesn't give any viable dark matter candidate. I intend to explore these avenues.

PERSONAL INFORMATION

- Gender : Female
- Date of Birth : 11.11.1987
- Nationality : Indian

EDUCATIONAL QUALIFICATIONS

- Doctorate of Philosophy in Physics, (awarded on 24.12.2019)
  Institute: S N Bose National Centre for Basic Sciences
  University: University of Calcutta
  Supervisor: Prof. Amitabha Lahiri
  Thesis title: Aspects of two Higgs Doublet Models

- Master of Science (M.Sc.) , 2012
  University: Department of Physics , University of Calcutta , Kolkata , India

- Bachelor of Science (Hons.) , 2010
  St. Xavier's College, Kolkata(Autonomous) under University of Calcutta, India

- All India Senior School Certificate Examination – Class 12 , 2006
  B.S.F Senior Secondary Residential School, Kadamtala, West Bengal

- Indian Certificate of Secondary Education Examination (I.C.S.E.) – Class 10 ,2004
  Nirmala Convent School, Siliguri, West Bengal

POSITIONS HELD

- Assistant Professor in Physics in Vivekananda College, Thakurpukur, Kolkata-700063
  (from 20.04.2017 to 19.03.2021)

- Assistant Professor in Physics in Banwarilal Bhalotia College, Ushagram, Asansol-713303
  (from 20.03.2021 till present)

PUBLICATIONS

- "Masses of physical scalars in two Higgs doublet models" [arXiv:1412.6187[hep-ph]]. Published in Phys.Rev. D91 (2015) no.11, 115012 .DOI: 10.1103/PhysRevD.91.115012

- "Masses of Physical Scalars in Two Higgs Doublet Models" published by Springer International Publishing Switzerland in the book "XXI DAE-BRNS High Energy Physics Symposium" as Chapter 93. Copyright year: 2016. Published in Springer Proc.Phys. 174 (2016) 605-609 . DOI: 10.1007/978-3-319-25619-1_92.

- "Cell in a Cell" , Indian Association of Physics Teachers' (IAPT) Bulletin - October 2010http://indapt.org/images/stories/bulletin2010/bulletin_october_2010.pdf

- "Alignment, reverse alignment, and wrong sign Yukawa couplings in two Higgs doublet models" [http://arxiv.org/abs/1511.07159]. PHYSICAL REVIEW D 93, 115017 (2016) . DOI: 10.1103/PhysRevD.93.115017 .

- "Various perspectives of Two Higgs Doublet models and Naturalness criteria", published in **PoS ICHEP2016 (2016) 710**.

- "Is Higgsium a possibility in 2HDMs?", Ambalika Biswas, Published in **Nucl.Phys. B951 (2020) 114885** , DOI: 10.1016/j.nuclphysb.2019.114885.

- "All about $H^{\pm\pm}$ in Higgs Triplet Model", Ambalika Biswas, arXiv:1702.03847 [hep-ph].

- "Hierarchy problem and dimension-6 effective operators", Ambalika Biswas, Anirban Kundu, Poulami Mondal, Published in: ***Phys.Rev.D* 102 (2020) 7, 075022**, DOI: https://doi.org/10.1103/PhysRevD.102.075022.

- Naturalness and two Higgs doublet models" published in the proceedings of XXIII DAE High Energy Physics Symposium, Springer Proceedings in Physics (2021), pages 187-193, DOI https://doi.org/10.1007/978-981-33-4408-2

- "Impact of non-universal $Z^{'}$ in the lepton flavour violating $B(B_S)\to K^{*}(\varphi)l^{-}_{1}l^{+}_{2}$decays" Eur. Phys. J. C (2022) 82:578, https://doi.org/10.1140/epjc/s10052-022-10513-8

- "Investigation of $B^{*}_{d(s)}\to D^{+}_{d}(D^{+}_{s})\tau^{-}\nu_{\tau}$ decays in W' model and scalar leptoquark model" International Journal of Modern Physics A, https://doi.org/10.1142/S0217751X23501130

RESEARCH GRANTS / SANCTIONED PROJECTS

"Some novel phenomenologies of Multi Higgs Doublet Models and higher dimensional operators in the light of Naturalness"

Duration (36 months) 2021-12- 10 to 24-12-09, File no. TAR/2021/000036

Total sanctioned amount: Rs. 18,30,000/-

SERB-TARE, Department of Science and Technology: New Delhi, IN

TALKS AND POSTERS PRESNTED

- Presented a talk on "Masses of physical scalars in two Higgs doublet models" at XXI DAE BRNS HIGH ENERGY PHYSICS SYMPOSIUM, 2014 at IIT Guwahati .

- Presented a poster on "Mass bounds in 2HDMs" at BOSE FEST, March 2015 organised by S N Bose National Center for Basic Sciences. Awarded the best poster award.

- Presented a talk on "Masses bounds in two Higgs doublet models" at the International

Summer School "Theory Challenges for LHC Physics" and the International workshop "Calculations for Modern and Future Colliders" organized by the Joint Institute for Nuclear Research, Dubna, Russia during the period July 23-30, 2015.

- Presented a talk on "Various perspectives of 2HDMs" at BOSE FEST, March 2016 organised by S N Bose National Center for Basic Sciences. Awarded the best talk award.

- Presented a poster, "Various perspectives of 2HDMs and Naturalness criteria" on August 6th and presented a one-minute elevator speech on August 9th as a participant in the International Conference on High Energy Physics at Chicago, Illinois, August 3-10, 2016.

- Presented a talk, "Study of non-standard Higgs bosons of 2HDMs" at the Young Physicists' Colloquium (2017) organized by the Indian Physical Society on 17th August, 2017 held at Saha Institute of Nuclear Physics, Kolkata. Certificate awarded.

- Presented a talk, "Bounds on masses of non-standard physical Higgs bosons" on 30th March, 2018 at UGC-SAP (DRS-III) Sponsored National Seminar on Progresses in Nuclear and High Energy Physics held by the department of Physics, Guwahati University. Certificate awarded.

- Presented a talk, "Naturalness and two Higgs doublet models" in XXIII DAE BRNS HIGH ENERGY PHYSICS SYMPOSIUM (December 10-14, 2018) held at the Indian Institute of Technology Madras.

- Presented a talk, "Theoretical predictions for a H − H bound state in 2HDMs" in XXIV DAE-BRNS Symposium on High Energy Physics held online by the National Institute of Science Education and Research, India during December 14-18, 2020

AWARDS & ACHIVEMENTS

- Topped the course work at S N Bose National Centre for Basic Sciences.
- Achieved the best poster presenter award in Bose Fest, 2015.
- Achieved the best talk award in Bose Fest, 2016.
- Topped in 1st and 6th semester at St. Xavier's college, Kolkata securing 88% and 81% respectively.
- District topper in ICSE (Class 10) and CBSE (Class 12).
- Was awarded the Best outgoing student award from B.S.F. Senior Secondary Residential School, Kadamtala, India for the batch 2004-2006.
- Received various certificates from Nirmala Convent School, India for consecutive years for securing 1st, 2nd or 3rd position in class.
- Placed among the top 10% in National Standard Examination in Biology in 2005-2006 organised by the Indian association of Physics Teachers.
- Awarded the 1st position in District Science Fair, North Bengal organized by Birla Industrial and Technological Museum (National Council of Science Museums) in 2005.

ROLE IN ORGANISING SEMINARS, CONFERENCES AND TALKS

- Organised a two day inter college seminar on Astrophysics, Astronomy and Cosmology named 'UNIEXPLORE-2019' at Vivekananda College, Thakurpukur, Kolkata-700063 and acted as the convenor on 7th and 8th of November, 2019.

- Organised a series of talks by experts on 28.02.2020 to celebrate National Science Day at Vivekananda College, Thakurpukur, Kolkata-700063.

- Member of the NAAC steering committee of Vivekananda College, Thakurpukur, Kolkata-700063.

Recent initiatives of Banwarilal Bhalotia College, Asansol towards the Popularization of Basic Sciences and the Promotion of Scientific Temperament amongst the young minds of Asansol-Durgapur region:

In order to motivate and inspire school students towards basic & fundamental sciences, adapt to the responsible use of emerging technologies such as Artificial Intelligence (AI) as tools for scientific learning, and with the objective of revitalizing scientific thinking and curiosity-driven learning at an early stage, **Jigyasa – A Science Exploration Club** was conceived under the aegis of the Internal Quality Assurance Cell (IQAC) of Banwarilal Bhalotia College, Asansol. We officially began our journey on the 28th February i.e. the National Science Day, 2025 with the organization of Jigyasa Science Wiz, 2025 with participants from school and college students from over 18 schools and colleges in the Asansol region.

Jigyasa aims to strengthen scientific temper and promote a deeper engagement with science through structured outreach, interaction, and experiential learning.

- **Vision and Mission of Jigyasa**

The vision and mission of Jigyasa are centered on the following objectives:

- To **reinvigorate curiosity and passion for science** among school children in the region and beyond.
- To **promote basic science and scientific research** as viable, meaningful, and fulfilling career options.
- To **instill the understanding that science extends beyond medical and engineering** disciplines, encompassing a broad spectrum of inquiry, innovation, and discovery.

The following is the banner of JIGYASA

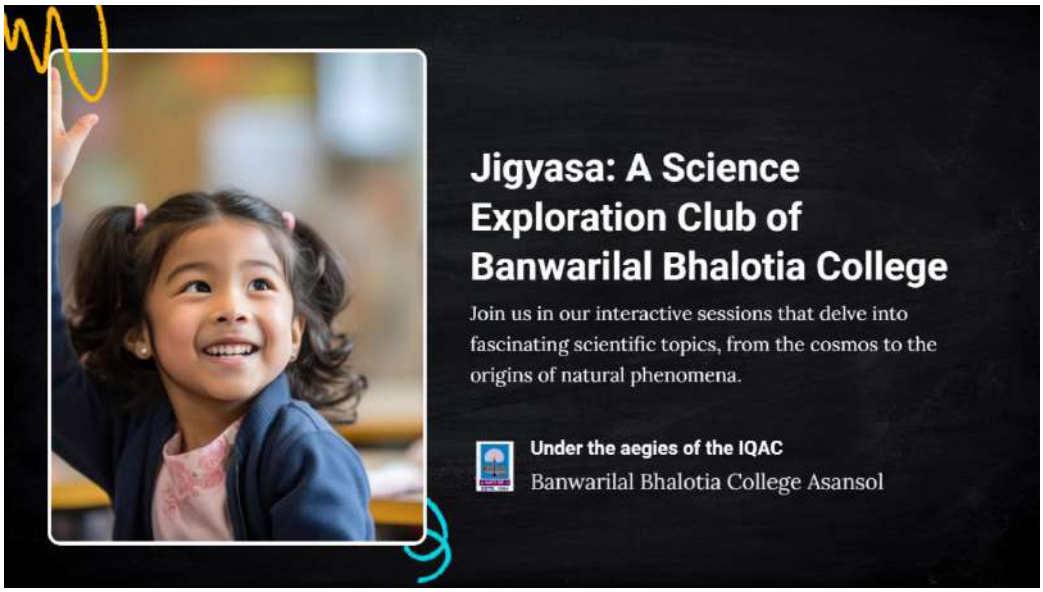

Fig. 1 Banner of Jigyasa

➢ Previous Activities of Jigyasa

- Organized several **popular science lectures** in schools across Asansol-Durgapur region, including: *Asansol Old Station Boys' High School, Manimala Girls High School, DAV Model School (Asansol), DAV Model School (Durgapur), Jawahar Navodaya Vidyalaya Durgapur, Patrick's Higher Secondary School (Asansol), Ramakrishna Mission School, Asansol, and several others.* The following are some of the images of the popular science lectures organized by **Jigyasa** at different schools: -

Fig. 2(a) DAV Asansol

Fig. 2(b) Asansol old station High School

Fig. 2(c) St. Patrick's, Asansol

Fig. 2(d) RKM Asansol

Fig. 2(e) Manimala Girls Asansol

Fig. 2(f) J N V Durgapur

- Organization of **"Shobdobazi"**, a fun inter-school word-making game show in the **Bengali Language,** on 1st March 2025.

Fig. 3 Prize distribution ceremony of the event Shobdobazi

- Organized an **Inter-School Debate Competition** on the topic:
  *"**Is Basic Science Still Basic to Education?"*** (28 August 2025).

Fig. 4 Photoshoot after the completion of the Inter-School Debate Competition on the topic ***"Is Basic Science Still Basic to Education?"***

➢ **Immediate Future Activities of Jigyasa**

- Continuation of **interactive popular science lectures** by in-house and invited faculty members for students of **Standards IX, X, XI, and XII**.
- Organization of **school laboratory visits**, including demonstrations of experiments, project guidance, and hands-on exposure.
- Organization of a **"Children's Science Fair"** (for Standards IX–XII).

➢ **Proposals for Progress**

Team Jigyasa seeks collaboration with a partnering organization that shares a commitment to promoting basic sciences through:

- **Mutual sharing of academic resources and infrastructure**, such as faculty expertise and laboratory facilities.
- **Co-hosting and jointly organizing science-promoting activities**, including lectures, competitions, workshops, and laboratory visits.

Fig. 5: The logo of Jigyasa envisaging its moto *"Inspiring Curiosity in Science and Scientific Temperament"*