



Indian Science News

## INDIAN SCIENCE NEWS ASSOCIATION

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### Students Award on Basic Science Research

**Indian Science News Association (ISNA)** with generous donation received from Professor Mrinal Kanti Dewanjee, USA, is inviting applications from **students of XI and XII standards for two awards - one in Physical Science and the other in Life Science**. Each award comprises a cash prize of Rs. 10,000.00 (Rupees ten thousand) and a certificate.

#### *Procedures*

- i. A write-up in Microsoft Word (.doc, .docx) no more than 2000 words in English or Bengali on the **Importance of Basic Science Research including Translational Research** and their impact on Society should be submitted in duplicate to the Honorary Secretaries, Indian Science News Association, 92, A.P.C. Road, Kolkata 700009 in the following e-mail address: isna.mkd.award@gmail.com
- ii. Xerox copy of the self-attested mark sheet of class X Board Examination must be submitted.
- iii. Applicants must be residents of West Bengal.
- iv. Applicants must have scored at least 85 % average marks in Science subjects in Class X of the Board examinations.
- v. Applications should be forwarded through the respective Heads of the Institutions.
- vi. Last date of receiving applications is 22nd November, 2024.
- vii. The write-up will be screened by an Expert Committee, appointed by a competent authority.
- viii. Selected candidates will have to present their proposals, stated in the write-up, before the Expert Committee.
- ix. Awardees would be required to deliver a powerpoint presentation during the Award-giving ceremony.

#### *Brief Profile of Professor Mrinal K. Dewanjee*

Professor Dewanjee, M.Sc. (Chemistry; Dhaka University, Bangladesh), Ph.D. (Nuclear Chemistry/ Physics; McGill University, Canada) was the beneficiary of "Lab Bench-to-Bedside" Translational Research from NIH for developing radioactive tracers for noninvasive imaging and measuring tools in cardiovascular diseases, coronary thrombosis and platelet emboli in neurovascular diseases in animal models. He made the algebraic equation for measuring the platelet density on injured walls of artery and artificial surface of cardiovascular prostheses. They used the methods, approved by the FDA, USA, for imaging site of MI and arterial platelet-thrombi and evaluated the effect of several platelet-inhibitors in animal models and patients. He also measured the platelet emboli in brain from carotid injury and showed the linear relation of shear and platelet fragmentation. At present Professor Dewanjee is an Honorary Guest Scientist at Neurobiology, Neurodegeneration & Repair Laboratory, National Eye Institute, National Institutes of Health, USA. His present interest is in Neuronal Synapse, Longevity and STEM Cell Research, used to treat stroke, retinal blindness, Alzheimer's and Parkinson's diseases. ScholarGPS, a California-based Company giving rankings to all scholars worldwide, has recently named Mrinal K. Dewanjee as a Top Scholar, belonging to the top 0.5% of all scholars.

**Honorary Secretaries, ISNA**

## APPLICATION FOR STUDENT AWARD ON BASIC SCIENCE RESEARCH

1.	Name of the Student	
2.	Father's Name	
3.	Guardian's Name	
4.	Address, Phone and e-mail ID	
5.	Date of Birth	
6.	Class (with stream) as on 22 <sup>nd</sup> November, 2024	
7.	Percentage of average marks in Science subjects in Class X of the Board examination.	
8.	Name of the present School / Institution with address, e-mail ID and phone number	
9.	Have you received any other Awards? If so, mention details.	
10.	A write-up (MS Word: .doc or .docx) in English or Bengali not exceeding 2000 words on the 'Importance of Basic Science Research including Translational Research and their impact on Society'.	

### Declaration:

I hereby declare that the information furnished above is true and that the enclosed essay is an original writing of mine and that I will abide by the terms and conditions of the competition.

\_\_\_\_\_  
Signature of the student with date

### Certificate

Certified that the student, named above, is a bonafide student of this Institution which is a Government / Government-aided and recognized School / Institute and that the particulars furnished above have been verified from relevant records and are correct.

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**Signature of the Head of the Institute with seal**