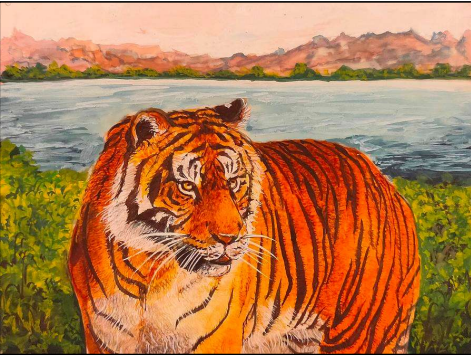


You are welcome to visit our  
beautiful land of the following...



*Bengali Homo sapiens*

*Bangladesh Biology Olympiad  
wishes you all the best at IBO 2022  
and beyond!*



*Panthera tigris tigris*



*Copsychus saularis*



*Tenualosa ilisha*



*Artocarpus heterophyllus*



*Nymphaea nouchali*

বাংলাদেশ জীববিজ্ঞান অলিম্পিয়াডের পক্ষ থেকে আপনাকে আন্তর্জাতিক জীববিজ্ঞান অলিম্পিয়াড ২০২২-এর শুভকামনা

[www.bdbo.org](http://www.bdbo.org)

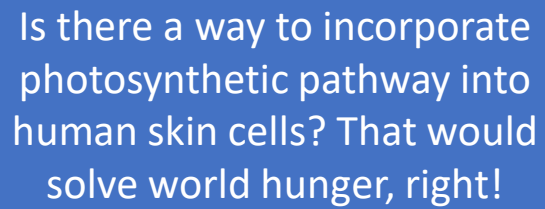
# NBO as a Socio-Cultural Movement

**Dr. Saumitra Chakravarty**

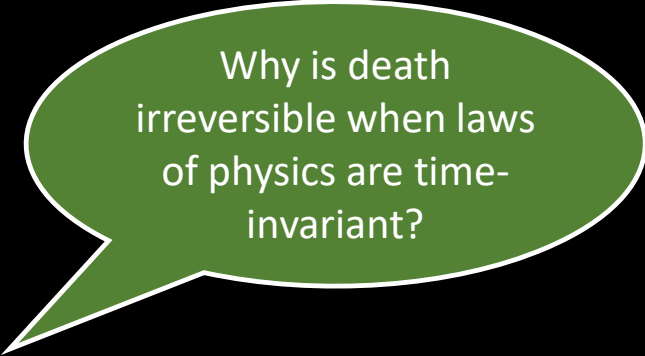
Country Coordinator of Bangladesh at IBO

General Secretary of Bangladesh Biology Olympiad (NBO, Bangladesh)

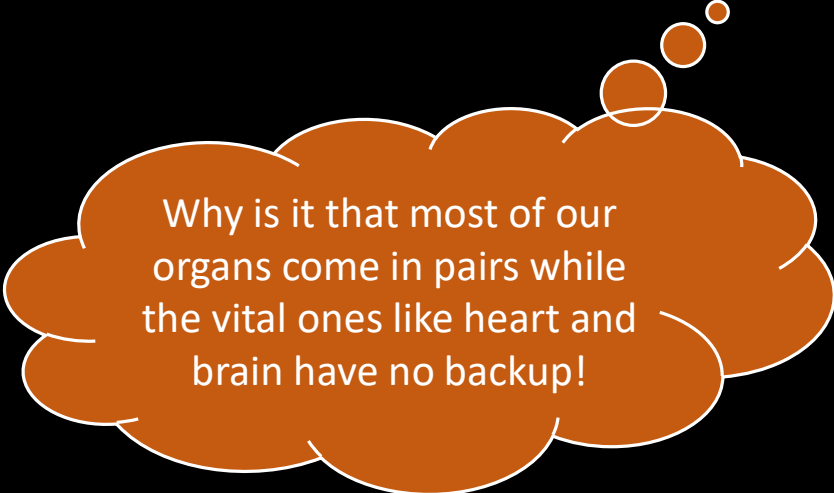
Assistant Professor, Bangabandhu Sheikh Mujib Medical University, Bangladesh



Is there a way to incorporate photosynthetic pathway into human skin cells? That would solve world hunger, right!

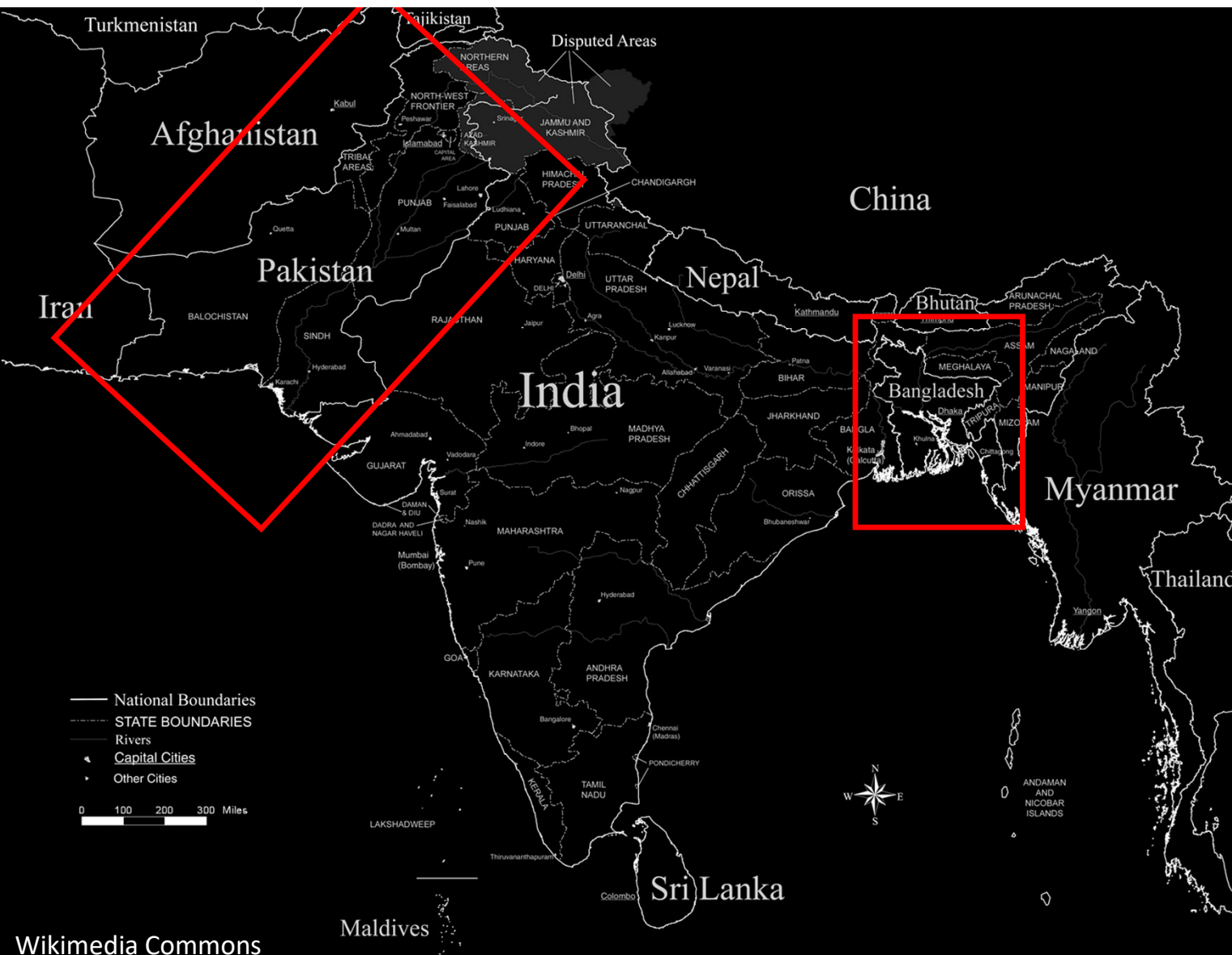


Why is death irreversible when laws of physics are time-invariant?



Why is it that most of our organs come in pairs while the vital ones like heart and brain have no backup!

Apology for next few slides on politics!  
I will try to keep it politically correct, I promise.



## Background

Bangladesh, a small country in the Indian subcontinent became independent from the oppressive colonial rule of Pakistan through a bloodbath struggle in 1971 under the leadership of our Father of the Nation Bangabandhu Sheikh Mujibur Rahman.

# The Constitution of the People's Republic of Bangladesh

( ACT NO. OF 1972 )

## PART II

### FUNDAMENTAL PRINCIPLES OF STATE POLICY

#### Fundamental principles

8. <sup>1</sup>[(1) The principles of nationalism, socialism, democracy and secularism, together with the principles derived from those as set out in this Part, shall constitute the fundamental principles of state policy.]

(2) The principles set out in this Part shall be fundamental to the governance of Bangladesh, shall be applied by the State in the making of laws, shall be a guide to the interpretation of the Constitution and of the other laws of Bangladesh, and shall form the basis of the work of the State and of its citizens, but shall not be judicially enforceable.

---

<sup>1</sup> Substituted for the former clause (1) and (1A) by the Constitution (Fifteenth Amendment) Act, 2011 (Act XIV of 2011), section 8.

## Background

Bangladesh started out as a secular country because it was one of the main motivations of the liberation struggle against then Pakistan which used religion as a tool for oppression.

DOI: 10.1080/23311886.2021.1928979

DOI: 10.1080/03064227208532144

# Background

August 16, 1975  
Dhaka, Sunday  
Price: 40 Paise  
Issue: 10 Paise  
Volume: 10, Issue: 200  
Number: 6, 1975 (30)  
ISSN: 1000-0000  
Dhaka, 1000, 1000, 1000

## The Bangladesh Times

For Your Copy  
Telephone: 10000  
Circulation  
Manager

### Martial Law proclaimed in the country : Mujib killed

# MUSHTAQUE ASSUMES PRESIDENCY

**OUR COMMENT**  
**ON THE THRESHOLD OF A NEW ERA**

The radical change that came in the early hours of Friday has opened a new vista of golden opportunity for the nation to march forward to give precious shape to the hopes and aspirations of the people without let or hindrance. The violent armed forces of the country under the leadership of President Khondaker Mushtaque Ali have taken over the reins of the Government in a smooth and orderly way as a time when a change has become absolutely necessary, but the situation was such that no change could be effected in a constitutional manner. The armed forces have accomplished a task of great historical significance which offers unique opportunity to the people to shape their destiny in a manner that will bring happiness and prosperity to their motherland.

The new Government headed by Khondaker Mushtaque Ali has emerged as a new force when the history of the country had been brought to the verge of collapse, where industries, particularly the jute industry, had been pushed towards the brink of a perilous edge when the despotic regime had hatched a conspiracy to pervert the rule by holding custody on the people. When such was the situation the people's forces could no longer sit idle as alien specialists. They were compelled to intervene to bring about a change, to remove the suffocation and to inject fresh air to give the people the right they were desperately seeking by way of a change of Government.

The complete normalcy that prevails throughout the country opens a vista of the unclouded and unobstructed path ahead for the nation.

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**Directives**

The following instructions are issued for the guidance of the public:

1. Observe strict discipline.
2. Do not engage in any political activity.
3. Do not engage in any religious activity.
4. Do not engage in any social activity.
5. Do not engage in any economic activity.
6. Do not engage in any cultural activity.
7. Do not engage in any sports activity.
8. Do not engage in any other activity.

The public is advised to observe these directives strictly and to report any violation to the nearest police station.

**Help make Bangladesh a prosperous country**

The President Khondaker Mushtaque Ali has issued a call to the people to help make Bangladesh a prosperous country. He has urged the people to work hard and to contribute to the national development.

**Pakistan decides to recognise**

Pakistan has decided to recognise the new Government of Bangladesh. This decision is a significant step towards the normalization of relations between the two countries.

After the assassination of Bangabandhu in 1975 due to a military coup the country had long been steered towards an anti-secular and anti-science direction by different political parties.



**“It claimed the lives of 10 pro-science bloggers, professors, and publishers between 2013 and 2016, and forced dozens of bloggers to leave the country.”**

## The Problem

### Protests for science teacher Ridoy's release continue

Staff Correspondent | Published at 11:37pm on April 09, 2022



Teacher and writer Professor Zafar Iqbal speaks at a demonstration in front of the National Press Club in Dhaka on Saturday denouncing the arrest of teacher Ridoy Chandra Mondol. — New Age photo

For last decade or so, there had been brutal attacks, both physical and social, by religious fundamentalists, on pro-science public figures as well as science writers and educators, religious minorities, women and LGBTQ+ in Bangladesh.

[https://www.huffpost.com/archive/in/entry/bangaldeshi-bloggers-religious-fanaticism\\_in\\_5f25a760c5b6a34284bb8177](https://www.huffpost.com/archive/in/entry/bangaldeshi-bloggers-religious-fanaticism_in_5f25a760c5b6a34284bb8177)



## The Problem



There is a general attempt at anti-science propaganda all over the social media in Bangladesh in recent years which has been steering public opinion towards the same direction. To fight this social ill, law enforcement plays important role, but that alone is hardly enough.

Dhaka Tribune, August 16, 2021



**National Mathematical Olympiad**



**National Biology Olympiad**

Working Towards  
a Solution



**National Physics Olympiad**



**National Children's Science Congress**

At the same time, pro-science movements have begun. Bangladesh Biology Olympiad, the NBO of Bangladesh is one of them.

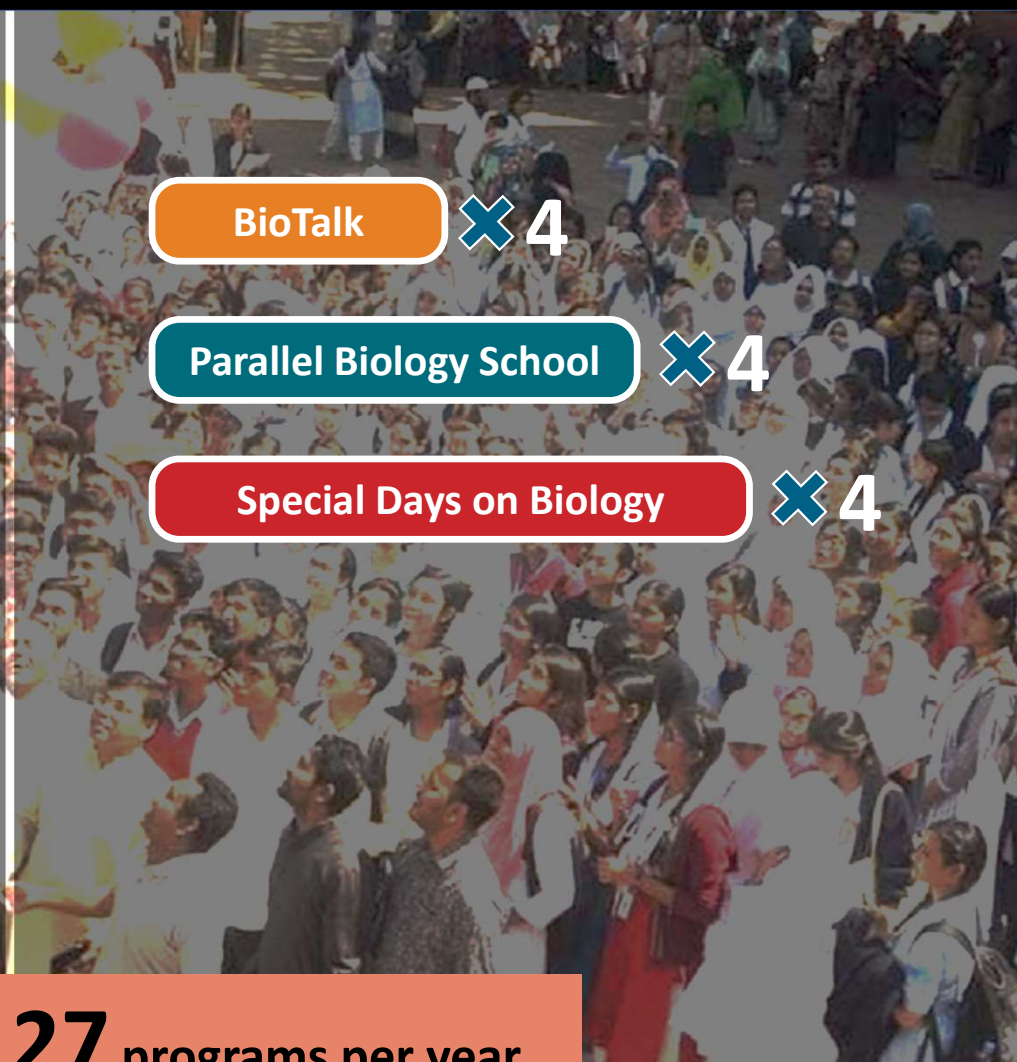
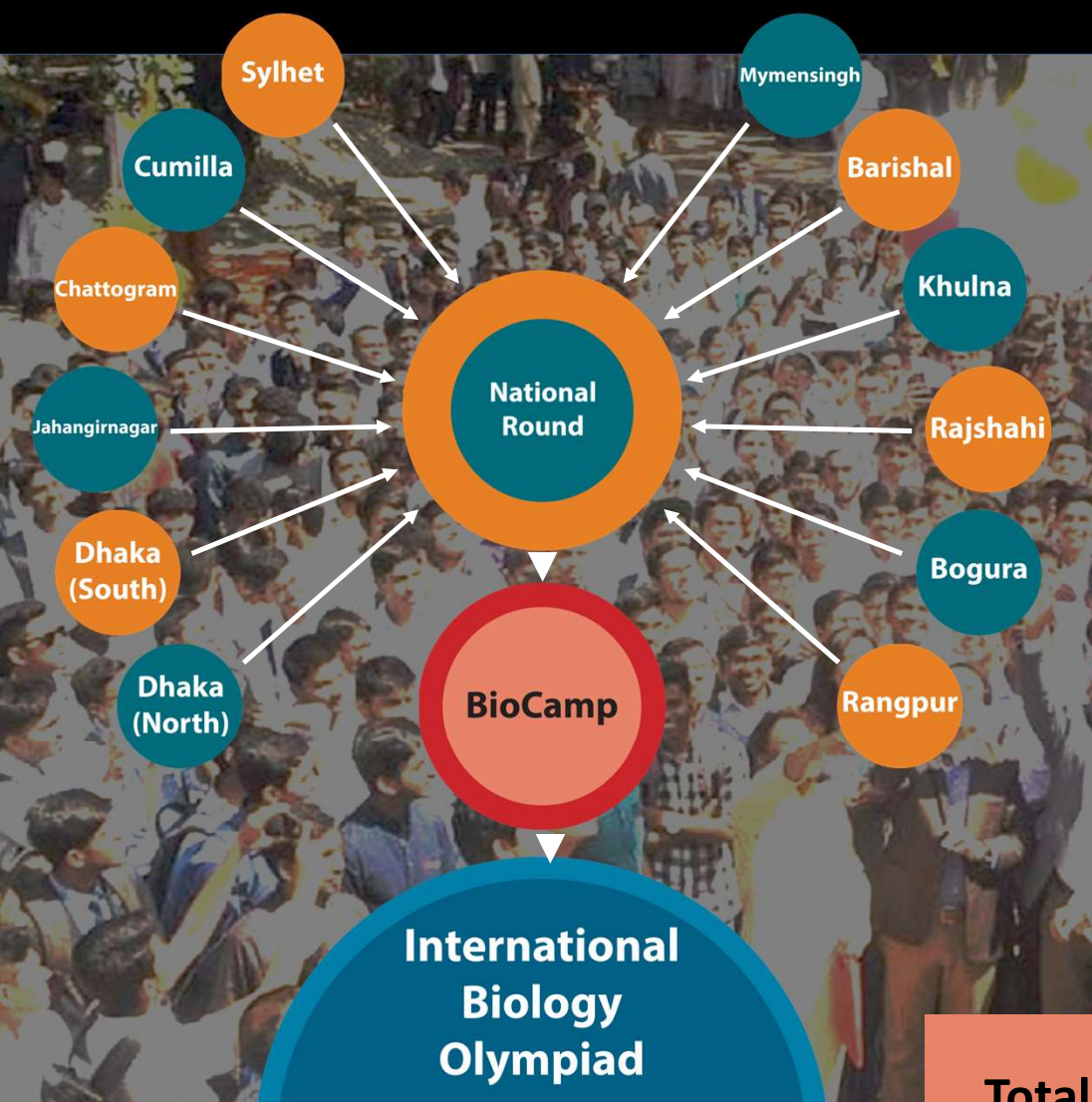


**National Earth Olympiad**



**National Informatics Olympiad**





BioTalk × 4

Parallel Biology School × 4

Special Days on Biology × 4

Total **27** programs per year

Our olympiad is not only some huge exam...



We also publish books based on the questions we face from the students at our programs.

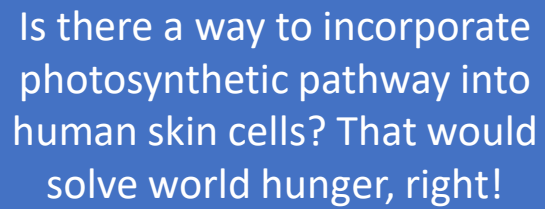


Working Towards  
a Solution

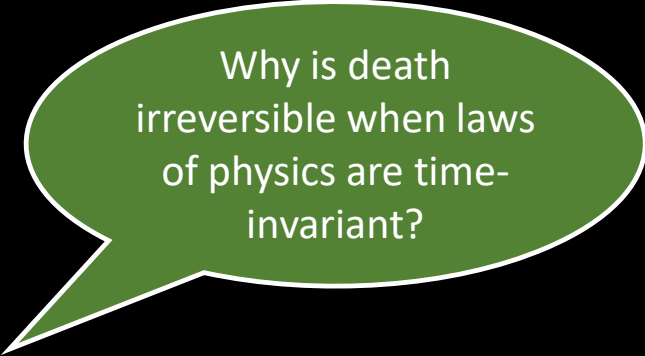
... but also a platform to encourage young minds to ask questions and foster critical thinking.



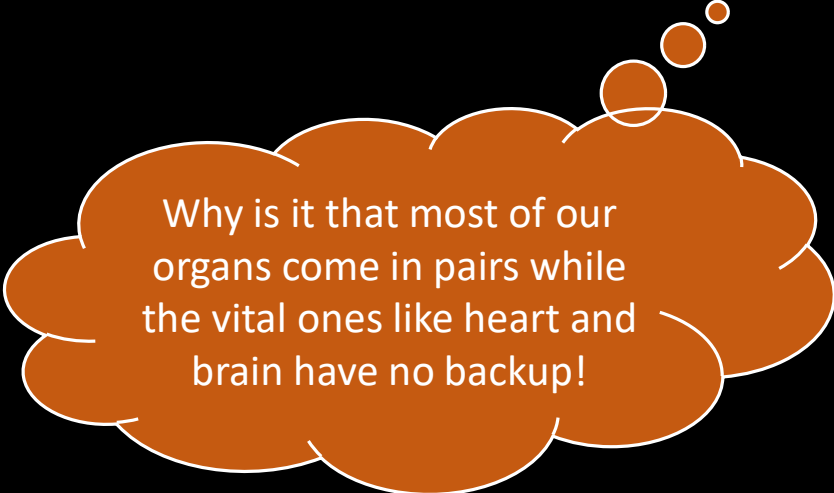




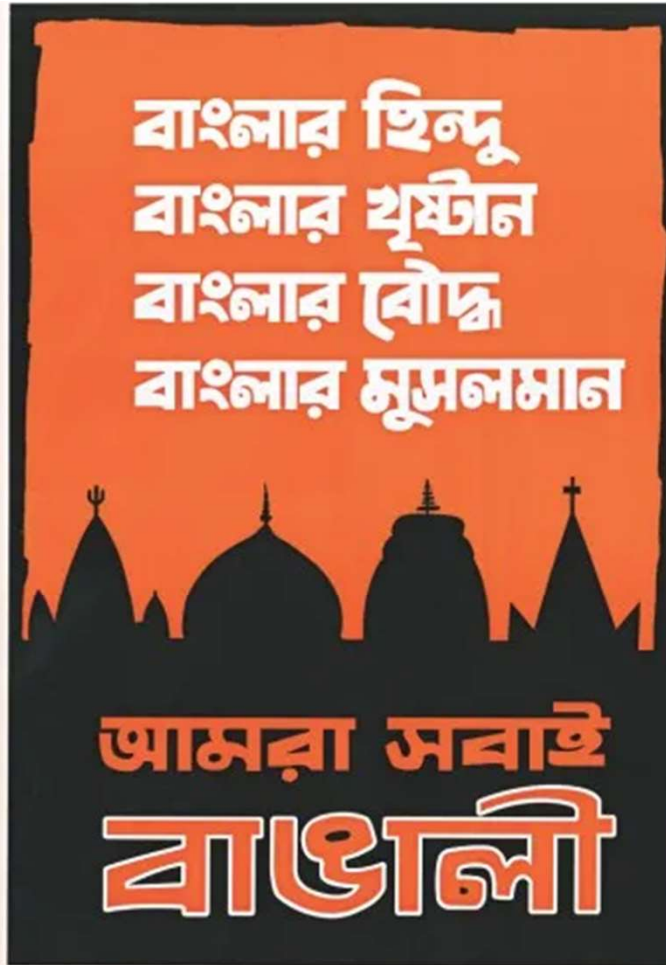
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১৯৭১ সালের মুক্তিযুদ্ধকালীন পোস্টার



বাংলাদেশ সরকারের তথ্য ও প্রচার দফতরের পক্ষ থেকে মুদ্রিত ও প্রকাশিত

শিল্পীঃ দেবদাস চক্রবর্তী

মুক্তিযুদ্ধ জাদুঘর কর্তৃক পুনর্মুদ্রিত



Working Towards  
a Solution

We are working NOT as a force against any religion because we respect every faith. Rather we are trying to instill love and passion for science in the young minds.





**National BioCamp**

## Working Towards a Solution

Our NBO is therefore not merely a selection process to choose IBO competitors but a nation-wide program to attract young minds irrespective of faith, cast, creed and gender towards science.




NBO

Financial Crisis

Volunteers

Anti-Science Forces





We hope to build more tolerant, humane, pro-science Bangladesh.

We hope to see more tolerant, humane, pro-science world.

