

Awareness Program to Save The Frogs

A small step towards a large initiative

Project Report

In collaboration with **SAVE THE FROGS!** India



Organiser: Team frogs RKMVCC

"The more you know about a species, the more you understand about how better to help protect them."

- Alan Clark



Date:25.07.2022

To

The Principal

Ramakrishna Mission Vivekananda Centenary College

Rahara

Kolkata - 700118

Sub: Selection and confirmation of proposal entitled "Awareness Program to Save The Frogs - A small step towards a large initiative" by students

Respected Sir,

It is our pleasure to inform you that the well-thought proposal submitted by the students of Ramakrishna Mission Vivekananda Centenary College has been accepted and the students are requested to initiate the campaign.

The budget requested in the proposal is revised and a grant of one thousand five hundred INR is sanctioned instead of two thousand INR. Students are requested to submit soft copy of detailed report and high resolution photographs and video clips of programs and preparatory phase.

We wish them good luck and a grand success for their noble endeavour.

Thanking you

Yours Sincerely

Sarbani Nag Founder Director

SAVE THE FROGS! India

Email: Sarbani@savethefrog.com

Sarbani Nag

Indian Coordinator, Director

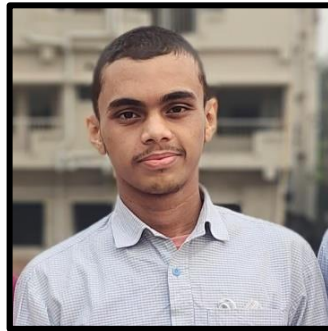
Email: Sarbani@savethefrogs.com

Website: <https://savethefrogs.com/india/>

Members:



Sourav Chatterjee



Raktim Pal



Ritam Kumar Meddya



Tribikram Sur



Kunal Roy



Pallab Ghosh



Sayan Das



Ankit Bhattacharyya



Soham Samanta

Team Frogs, RKMVCC is from BSc 2nd year, Department of Zoology of Ramakrishna Mission Vivekananda Centenary College, Rahara, Kol- 700118

Coordinator and Guide – Dr. Arunava Mukherjee

Assistant professor & Coordinator of Postgraduate course in Zoology, Ramakrishna Mission Vivekananda Mission Vivekananda Centenary College, Rahara



Acknowledgement:

We are grateful to the reverend Principal Maharaj, Dr. Kerry Krigar, SAVE THE FROGS!, Dr. Sarbani Nag, SAVE THE FROGS! India, the Faculty members of the Dept. of Zoology, Ramakrishna Mission Vivekananda Centenary College, peer members.

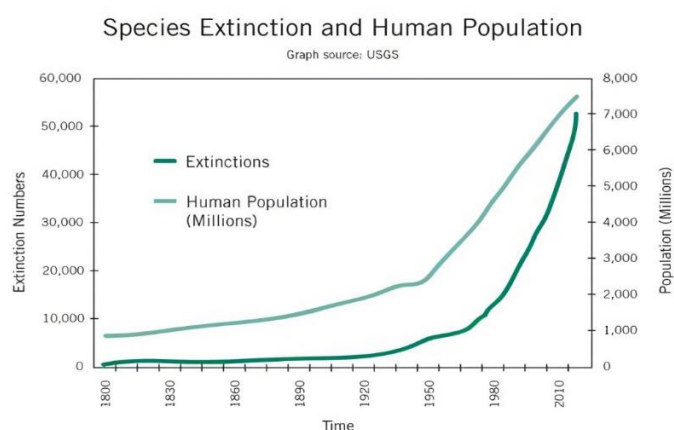
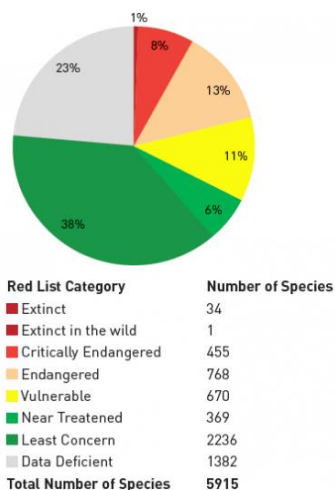
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In the last 25 years, eight frog species have become fully extinct and several more are likely to become extinct in the near future. SAVE THE FROGS! is an international team of scientists, educators, policymakers and naturalists dedicated to protecting the world's amphibian species: the frogs, toads, salamanders, and caecilians. So, in 2008, Dr. Kerry Kriger founded SAVE THE FROGS! with a mission to protect amphibian populations and to promote a society that respects and appreciates nature and wildlife. To date, SAVE THE FROGS! staff and volunteers have organized well over 2,000 educational events in at least 57 countries; helped enact federal, state and local legislation on behalf of amphibians; and created, restored and protected critical wetland habitats. And since then, it has been Sarbani Nag. Since 2009, India has been one of the most active countries in the SAVE THE FROGS! This organization have worked immensely for conservation of frogs. From organizing campaign to various programs continuously promoting awareness regarding frogs. They are also working hard day and night to save these cute creatures. Their campaign happen in almost every state, and they are trying their level best to save them. So, I would like to thank the entire team of Save the Frogs India for giving us an opportunity to handle such a great.

❖ The major causes of extinction are -

- Frog leg soup hypothesis: Eating the animal.
- Less moisture making habitat less suitable, increase temperature making habitat hot, change in the timing of wet periods affects frog breeding.
- Introduction of alien species in native water bodies - *Gambusia holbrookii* (Mosquito fish) trout, carp and goldfish eat native frog eggs and tadpoles.
- Amphibians are more susceptible to pollution than other groups because their skin is permeable. For this reason, toxins are able to invade critical amphibian organs
- Experimental and field studies suggest that amphibians are highly susceptible to common insecticides, pesticides, and herbicides such as Roundup.
- Illegal trading of amphibians for various purposes like consumption, pet etc, results in spread of various infectious diseases like as the *Chytridiomycosis* caused by *Batrachochytrium dendrobatidis* etc.



❖ Why to save them?

- Help in insect regulation.
- Bio indicator

- Important part of the food chain
- Maintain soil quality.

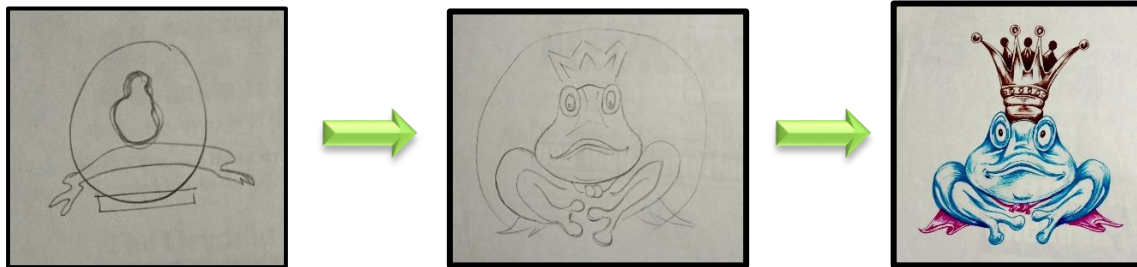
❖ Reason for participation:

- Their thought process, work inspire us to do something for nature.
- Eyewitness of decline of frogs.
- Benefits of students taking steps.
- Gathering experience, help in future aspects, conservation of nature.

❖ Logo design:

Purpose: Logos are a point of identification; that's why we needed a logo which can represent us to common people. We can also project our thoughts through the logo very easily.

Procedure: For our logo we chose the purple frog. As our moto is to spread awareness so we chose a frog which is an Indian species and listed as Endangered by the IUCN Red List as our logo. The logo is handmade, one of our team members, Pallab Ghosh drew the cartoon version of purple frog with colour pen. After that a picture is taken and then it is edited in Adobe Photoshop. The name of our team, *Team Frogs*, is also shown in the logo. Our target is to save the frogs, to save their dynasty from decline and to let them leave as their own *KING* in amphibian kingdom. That's why we added a *crown* in the logo.



❖ Basic plan:

Our basic plan was to spread awareness within the people of different classes. We targeted mainly 3 types of peoples -

1. School students who have very less knowledge about the problem.
2. College students who have some understanding of the problem.
3. General audience who has no knowledge about it.

Spread awareness within the school students, we had planned a debate and elocution competition. We thought that it would be pretty much easy to make them aware of the problem through a competition. Also, it would be easier for us to understand their point of view. For school students we also planned to organise an online essay competition.

We planned to participate as a group in various competitions, awareness campaigns and seminars where students of different colleges all over the state are present. So, we can convey our thoughts to many people. We also planned to organise an intra college quiz competition, prepare a model (about how amphibians can be conserved), make some leaflets and distribute them within the students.

For public, we decided to create a Facebook page and an Instagram page where we can post many things to aware general public. As social media is a fantastic way to spread our message within a lot of people, so we had to take it very seriously and carefully.

❖ Events:

Every event that we had conducted had its own importance and the result had given propitious view in future.

The following events that we followed-out are where debate, elocution, essay aims to aware all these participants who in turn spread our message of conversance about frogs.

- **Essay:** The proposal for this event was to procure the beautiful ideas about frogs.
- **Debate:** This event had ignited probable questions about near future of the frogs and their consequences among the youth.
- **Elocution:** Through this it had been estimated the measurement of knowledge of the primary students concerning the frog.



The following events we participated in various programmes where we tried to enkindle our epistle of awareness among all.

- **Speech in ZSI:** On auspicious occasions of World Biodiversity Day, we were lucky to represent ourselves to spread awareness through that medium.
- **Fair at Madhyamgram:** This programme gave us the freedom to keep our viewpoint in front of general public comprising all age groups from different milieu and authorities.
- **Model competition at South girls' Calcutta college:** This event aims at easier way for precepting the conservation methods of frogs that can be implemented in near future and the promoting awareness among participated participants.

❖ Programme details:

• Elocution Competition:

We have organized an elocution Competition for school students, on 22nd August 2022, at our college campus. Two topics were there -

1. Frogs makes a promise to save ecosystem and nature.
2. A sustainable way of approach near future can help the frogs to thrive.

Nine Students from three schools participated and we awarded the best of one participant per topic. Judges were Dr. Pradyut Kumar Medda and Mr. Samir Sardar, professors at our college. Members of team frogs (Tribikram sur, Sayan Das, Soham Samanta, Raktim Pal) conducted the elocution competition. We made a slide that was full of facts about frogs, which we showed between the speeches of two competitions.



• Debate Competition:

We have organized a debate Competition for school students, on 22nd August 2022, at our college campus. Two topics were there -

1. Save the Frog: Is the cup half empty or half full?
2. Is awareness only way to save a species from extinction in today's pertaining situation?

12 Students or 6 groups (2 students each group) from three schools participated, and we awarded the best of one group per topic. Judges were Dr. Debakumar Dutta and Mr. Koutilya Bhattacharya, professors at our college. Members of team frogs (Ankit Bhattacharya, Sourav Chatterjee, Kunal Roy, Ritam Kumar Meddya, Pallab Ghosh) conducted the debate Competition.



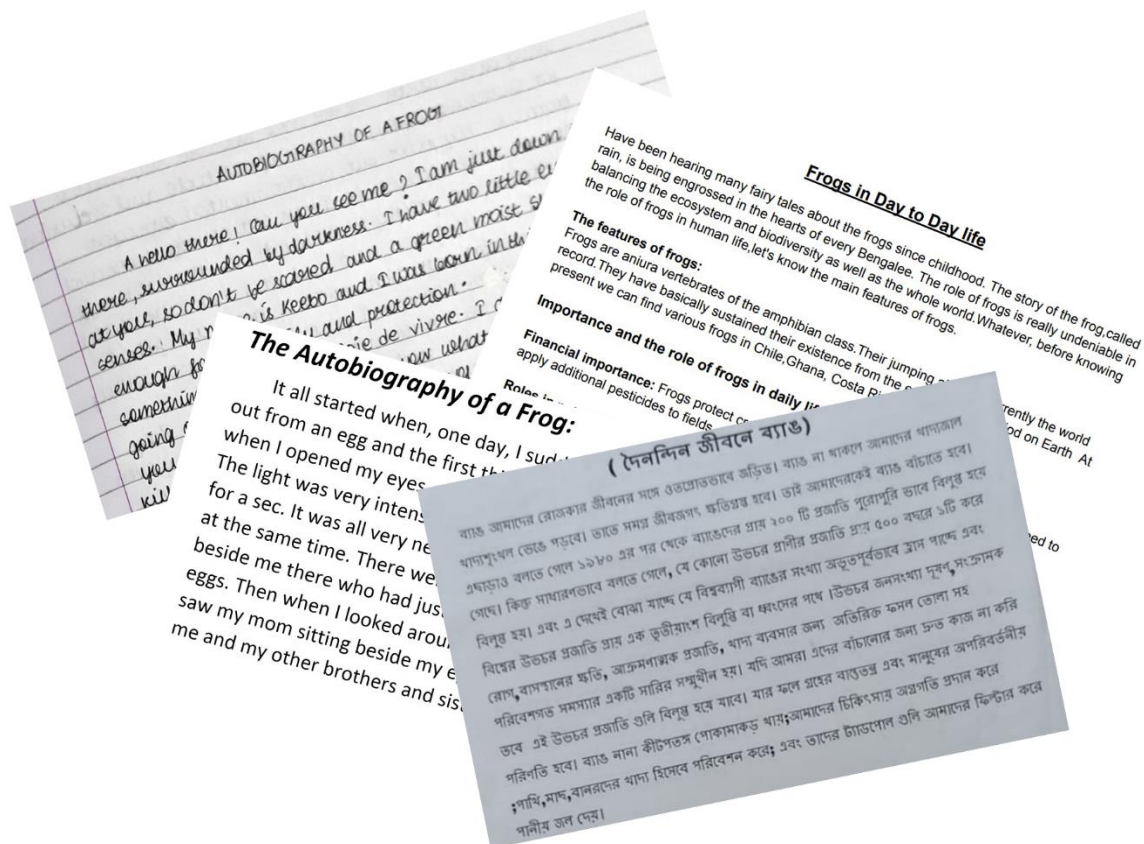
Event	Date	Participants	Institute Name
Elocution competition	22/08/2022	9	1. Ramakrishna Mission Boys' Home High School Rahara 2. Ariadaha Kalachand High School 3. Baranagar Ramakrishna Mission Ashrama High School
Debate Competition	22/08/2022	12	1. Ramakrishna Mission Boys' Home High School Rahara 2. Ariadaha Kalachand High School 3. Baranagar Ramakrishna Mission Ashrama High School

- Online Essay Competition:**

We have organized an online essay competition for school students, students submitted their essay within a Google form, that form opened from 1st September to 20th October 2022. Two topics were there for different classes -

1. "Frogs in day-to-day life" for class five to eight.
2. "Autobiography of a frog" for class nine to twelve.

A good response came from the students. **Around 65 students from 33 schools submitted their essays and took part in that event.** Our message reached 100 schools through that competition. After our preliminary checking, the final check was done by Dr. Tanmoy Paul and Mr. Samir Sardar, professors at our college. They selected the best of 5 essays from each topic, and we gave them online certificates. All Members of team frogs conducted this program. We posted all competitions winners name in our official Facebook page "Team Frogs RKMVC College".



Schools from where students participated in essay competition:

Mansur Habibullah Memorial School
Kendriya Vidyalaya Ballygunge
Arambagh girls'High school
Ushumpur Adarsha Uchcha Vidyalaya (H.S.)
Sri Ram Narayan Singh Memorial High School
Baranagore Ramakrishna Mission Ashrama High School (H.S)
Inda Krishna Lal siksha Niketan
Uttarpara Govt High School
Rahara Bhabanath Inst. For girls
B.R.K.M.A.H.S
Calcutta Girls' High School
Christ Church School
Sinhi Ramkrishna Sangha Vidyamandir
Bharatiya Vidya Bhavan, Chevayur
Don Bosco School, Silchar
Hariyana Vidya Mandir
Kendriya Vidyalaya Barrackpore (AFS)
Saint Capitanio School, Silchar, Assam
Jodhpur Park Girls' High School
Daffodils School
Badanganj High School (HS)
St. Xavier School
DAKSHIN BARASAT S. A. HIGH SCHOOL (H.S.)
DAV Public School, Barrackpore
Ramakrishna Mission Ashrama High School
Sarsuna High School (H.S)
G.D.Birla Center For Education
Kalyannagar Vidyapith (HS)
SGS International School
St. Aloysius school
ICHLABAD HIGH SCHOOL
St John's Diocesan Girls'Higher Secondary school
CHAKDAH PURBACHAL VIDYAPITH (H.S.)

- **KGF leaflet, origami of frog and decoration:**

KGF - Knowledge Gaining on Frogs

A crucial step taken by us to aware common people about what we are doing. If the students or people don't know about frogs, don't know about their status, don't know their interesting facts, they will never get interest in saving them.

Material Under KGF:

1. It contains some interesting facts about frogs, status of amphibian declines etc.
2. We have made two copies of the same leaflet. One is the 'Missing link' copy that contains some questions and facts. Another is the 'Connecting Link' copy which is the coloured copy with answers and all the facts missing in 'Missing Link'.

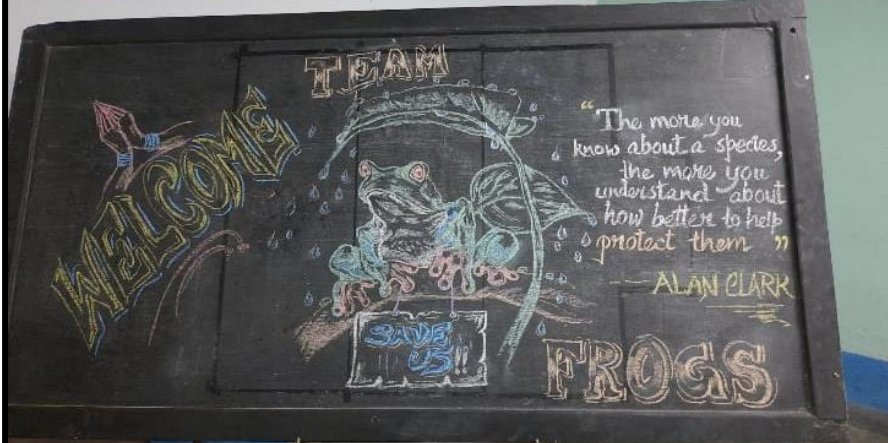
KGF is obviously a trending name. And we believe that every kind of person from every part of society will accept our 'Movie poster ' and we can reach a lot of audience.

We have distributed leaflets in schools, colleges, and fairs to create awareness among all levels of peoples. Our leaflet reached among 00 peoples, 00 school, 00 colleges, 00 districts, 00 fairs.

We have made some colourful origami of the frog for the students who participated in those offline competitions.

We have drawn and designed boards for the competition in an attractive way.







K.G.F.

-Knowledge Gaining on Frogs

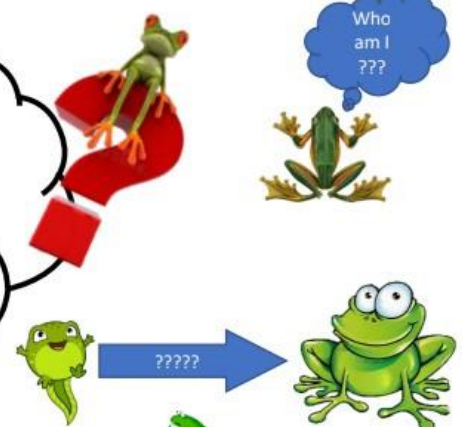


Group of frogs- **ARMY**
Group of Toad- **KNOT**

DO YOU KNOW?

- > **Carboniferous**- Era of amphibians
- > **Largest frog**- Goliath frog
- > **Smallest frog**- *Phyllobates* frog
- > **Tree dwelling frog**- *Hyla* frog
- > Golden frog is golden, but it carries poison!!

> **See-through frogs** : produced with the help of biotechnology by Japanese scientists, to see internal organs blood cells and eggs without dissection



Current Status:

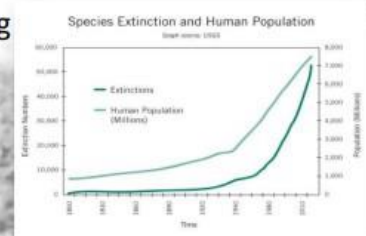
- Nearly 80% of the frogs in the country are on the verge of extinction and some of the species have already vanished mainly due to their shrinking habitat caused by human incursions.
- IUCN Red List of Endangered Species lists 81 taxa of Indian amphibians in the categories of Critically Endangered, Endangered, Vulnerable, and Near Threatened

Frog Facts!

❖ Fungal disease on frogs' skin- Damaging of skin function Who am I????

FROGS & TOADS

<p>Thin, wet, smooth skin that has more colour</p> <p>Lays eggs in clusters</p> <p>Slim body type</p> <p>Very long legs</p> <p>Lives in the water</p> <p>Prefers to jump</p>	<p>Thick, dry skin with bumps and usually brown</p> <p>Lays eggs in a chain</p> <p>Stout body type</p> <p>Short legs</p> <p>Lives on land</p> <p>Prefers to walk or use small hops</p>
--	--



❖ _____ carry eggs around thighs & _____ carry on back. Name the frog???

❖ **Green Monkey Frogs** secrete a mucilaginous covering which acts as sun cream which prevents desiccation- Sir David Attenborough

❖ **African clawed frog** ----> is used for pregnancy test with the help of women's urine ---->> Efficiency Rate???

- Some endangered Indian frogs:**
- Nicobar wart frog
 - Nilgiri cricket frog
 - Khasi hill work toad
 - Amboli bush frog
 - Munnar bush frog

Scan here to know more

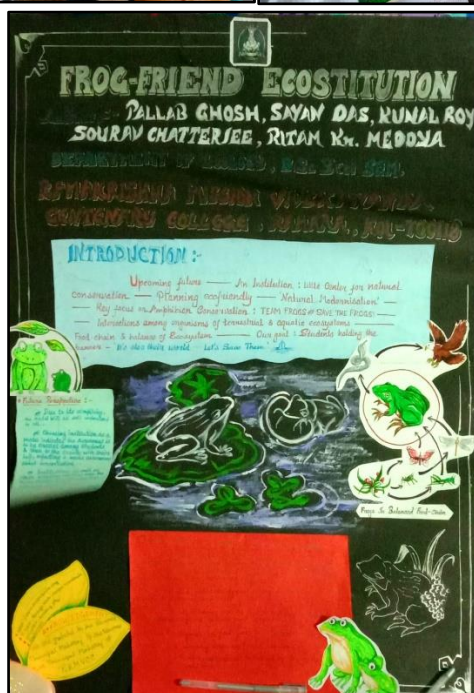


- Source:
- <https://www.indianamphibians.org/IUCN-Red-list>
 - <https://www.pugdundesafaris.com/blog/frogs-in-india/>

*Team Frogs RKMVCC sincerely acknowledge Principal Maharaj of RKMVCC, SAVE THE FROGS INDIA, DBT STAR college scheme, DBT Government of India for their support.

- **Inter college Model Competition at South Calcutta Girls' College:**

On 27th September 2022, some members of team frogs (Pallab Ghosh, Sayan Das, Kunal Roy, Sourav Chatterjee, Ritam Kumar Meddya), with the help of our college professors, made a model for participating that competition to spread the messages of our awareness programme, The model, "Frog friend Ecostitution", was based on the amphibia conservation within a campus of an institute and we got first prize. We distributed our "KGF" leaflet and tried to raise awareness within college students.



- **Inter college PowerPoint presentation competition at ZSI:**

Two members of team frogs (Ankit Bhattacharya, Tribikram sur) participated in competition organized in ZSI. They have displayed how to attain a shared future with the frogs and raised an awareness among others.



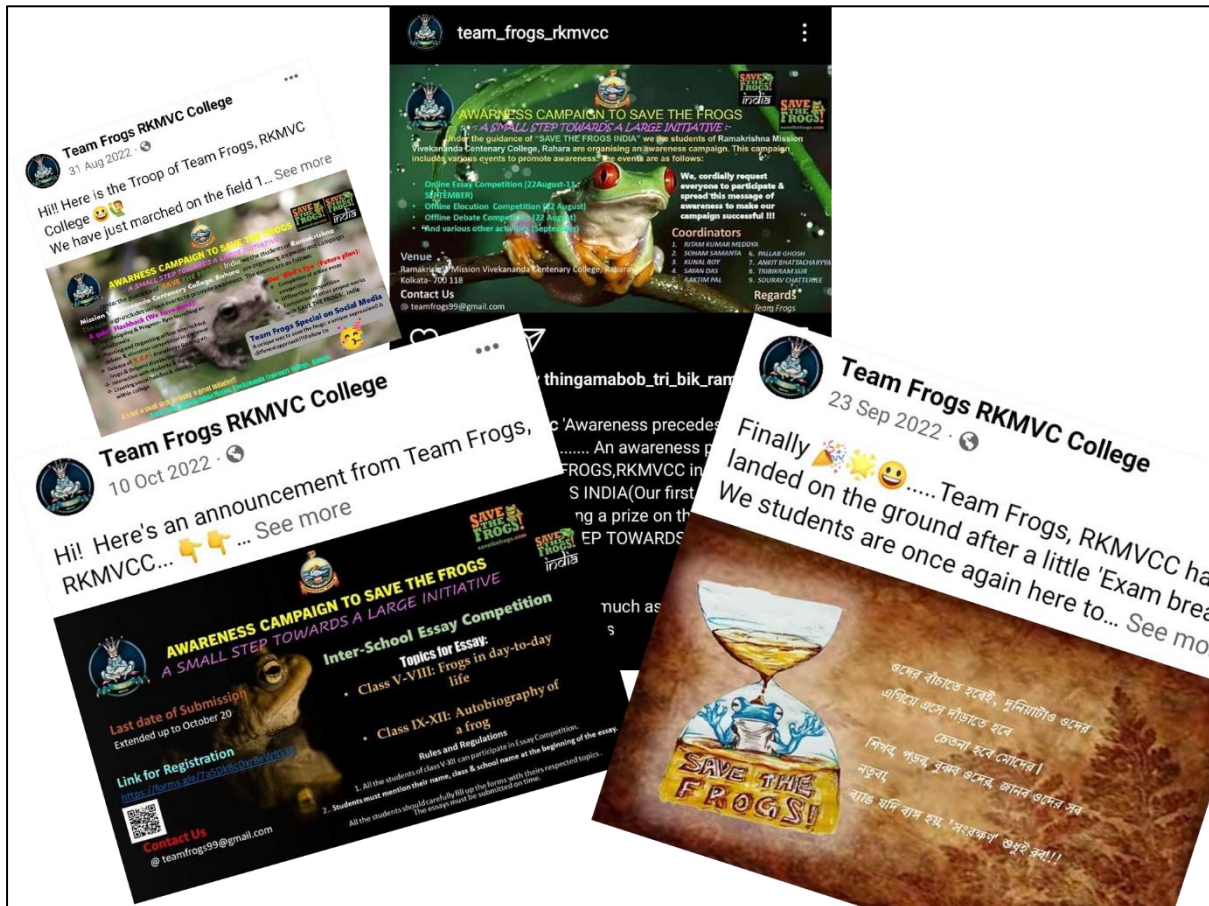
• **Madhyamgram Poribesh Sochetonota Mela:**

From 23rd December 2022 to 27th December 2022, some members of Team frogs (Sourav Chatterjee, Sayan Das, Soham Samanta, Pallab Ghosh, Ritam Kumar Meddya) participated in that fair. People of different age groups and categories were presented. We described our "Frog friend Ecostitution" model with other three model. Distributed "KGF" leaflet and tried to raise awareness within local common peoples.



❖ Social share:

We have posted our programme plan, flyers, leaflets, and general thoughts through our social media accounts such as [Facebook](#), [Instagram](#).



❖ Feedbacks regarding our activities:

नाम	संख्या	टिप्पणी
Bijayanta Das	9160428236	Good
Sudhanshu Das	6191941423	Excellent
Manish Das	6290112922	Good
Manish Das	2600260008	Good
Manish Das	9874088080	Good
Siddhant Das	500672216	Very Good/Nice
Rishabh Das	9748226836	Good
Nikhil Chatterjee	7980176331	Excellent Post
Hari Halder	9335411332	Great response
Megha Ray	8787314240	Impressive
Kritika Das	62859655	Very good
Rita Das	9856821354	Very good
Smita Das	8017850091	Excellent
Atashi	8017248582	Excellent
Askar	6335551323	Nice
Dipayan Das	7993154238	Very nice
Ful Kumari Das	9831452787	Excellent

Susama Adhikari	7001834824	अच्छा प्रस्तुति
Sudha Swar	9183061491	अच्छा प्रस्तुति
Sujit Dasgupta	7044387982	अच्छा प्रस्तुति
Sujit Dasgupta	70595-80042	Very good try
Dr. Bairabi Das	9836126982	Very good effort
Anamika	900724898 (secret)	and highly scientific.
Dr. Nasiruddin	8777099069	very good
Sathi Biswas		Excellent
Sankar Mondal	907681278	अच्छा प्रस्तुति
Shampa Horn	8420613654	अच्छा प्रस्तुति

Madhyamgram Poribesh Sochetonota Mela

Dr. Aparna De	Principal	very good idea
Dr. Sandip Pal	Asst. Prof.	Nice presentation & idea.
Dr. Ghanshyam Das	Asst. Professor	Good idea.
Dr. Anuman Chatterjee	Associate Professor	Good presentation
Dr. Sufi Sam Ray	Associate Prof.	Very innovative and eco friendly planning.
Dr. Bidma Chatterjee	Associate Prof.	Very good conception and nice presentation.
Dr. Animesh Barua	Asst. Professor	New & innovative idea. Nicely presented.
Smita Chatterjee	Asst.	Nice Presentation.
Susmita Mondal	Asst. Prof.	Excellent presentation.
Dr. R. Sankar	Asst. Prof.	Nice idea & presentation.
Rumana Akhtar	Student	Very innovative.
Mr. Anjan Mallik	Asst. Professor	Very good presentation.

South Calcutta Girls' College

← People who reacted

All 27 16 11

- Arghadip Saha 12 mutual friends Mention
- Tri Bik Ram 18 mutual friends Mention
- Sarbani Nag 5 mutual friends Mention
- Sujoy Pal 16 mutual friends Mention
- Mahuya Roy Karmakar 48 mutual friends Mention
- Arunava Mukherjee 9 mutual friends Mention
- Abhismith maitra Add friend
- Pubali Mitra 1 mutual friend Add friend
- Arkajit Chakraborty 1 mutual friend Add friend
- Soma Chatterjee 1 mutual friend Add friend
- Rohan Ghosh 8 mutual friends Add friend

Mahuya Roy Karmakar and 26 others

write a reply...

Sarbani Nag
This is amazing! You are making the Junior Frog Squad of SAVE THE FROGS India proud. You're are our hope. Keep up the good work. A lous croak for you all!
24w Like Reply 1

Author
Team Frogs RKMVC College
Sarbani Nag thank you mam for your support
24w Like Reply

write a reply...

Shrayan Bhattacharjee
Darun
24w Like Reply 1

Debojoty Ghosh
Vc colg zoology , pele 1st prize pay, noile pay naa ...as usual ... Ektu o aschorjo hoini .. keep inspiring us best wishes always ❤️
24w Like Reply 1

Mahuya Roy Karmakar and 26 others

Most relevant

Arunava Mukherjee
Congratulations 🎉
24w Like Reply 1

Sourav Chatterjee
Arunava Mukherjee sir thank you
24w Like Reply

write a reply...

Sujoy Pal
অভিনন্দন 🍀🙏
24w Like Reply 2

Author
Team Frogs RKMVC College
Sujoy Pal sir apnar help 6ara ki6u e korte prtm na...many many thnx to you
24w Like Reply

write a reply...

Sarbani Nag
This is amazing! You are making the Junior Frog Squad of SAVE THE

Social media comments

❖ Budget:

Transport - 2000 (SCGC)
 1500 (Fair) [sponsored by college]
Contingency - 1800 [sponsored by college]
Recurring - Ply [sponsored by college]
 Colour 300
 Thermocol 200
 Glue 100
 Glue gun 200
 Steel wire 100
 Others 300
 - all for model
 Printout [sponsored by college]
 Origami paper 100
 Colour pencil and chalk 200
 Prize [sponsored by college]
 - main programme day
Total - 1500

❖ Future goals:

Team Frogs RKMVCC, a team formed as a reason of this SAVE THE FROGS! project has been trying to save the frogs and aware the students and other people regarding the importance of Frogs. With the help of our esteemed teachers and the scientists of our college, we have reached a lot of schools with the help of various events organized by our team or wherever we got a chance to showcase our love for frogs and nature. Not only students, but we have also reached out many local people from personally going to them and distributing various pamphlets on the conservation of frogs and amphibians to addressing many people in a local fair. But as we know any awareness program is not fruitful if it's not able to reach many people and if it is not practiced regularly.

As we were the first students at our college to start this awareness campaign to save the frogs, we had no idea how to start this campaign without any previous experience. But as it says, "When there is a will, there is a way", with the help of our teachers and our team's rigorous efforts, we were able to start this campaign and run it smoothly. As it was the first time, we were able to reach to relatively a smaller number of people but if we keep on putting constant efforts in the upcoming years and if our successors to indulge into this campaign whole heartedly then I think we might be able to reach to each and every school and college of India and also, we will able to form such team in every school and college.

Every species in this globe has its own importance either it's a big animal like cheetah or a small animal like a frog. As per old saying, *Frogs are considered lucky amphibians, and everybody loves to have frogs as their spirit animal.* Frogs motivate us to be patient, calm, and have self-belief. Toads and frogs are generally misunderstood as the same animal, but frogs tend to have longer legs and generally hop rather than crawl.

"The obstacles we face are mental barriers which can be broken by adopting a more positive approach."

As various scientists across the globe described the state of a frog's conditions, it feels much more relatable to our lives. Frogs occupy our minds with a princess's story, but they also motivate us to be patient.

From all above statements we can at least understand the importance of frogs in view of humanity and scientific thoughts. Therefore, it's our prime duty to save this creature otherwise all the human species might also be threatened to the dawn of extinction in near future.

So as a responsible individual firstly we need to aware ourselves about the condition of this small creature because self-awareness can only promote and spread the message of awareness among all others. unless and until we do not understand or give value to anything you cannot preach the message of awareness to others as awareness begins with you.

The model, "Frog-Friend Ecotitution" which was made by our team members, is now preserved by the college authority in our college model museum, this facsimile will help to spread awareness among the students of this college and others in future.

Therefore, it is that "range of biodiversity we must care for – the whole thing – rather than just one or two stars."



Team Frogs Members

Pallab Ghosh
 Ankit Bhattacharya
 Kunal Roy
 Sayan Das
 Bibikrass Das
 Soham Samanta
 Sourav Chatterjee
 Ritam Kumar Meddya
 Raktim Pal

THANK YOU

From:-



Team Frogs RKMVCC