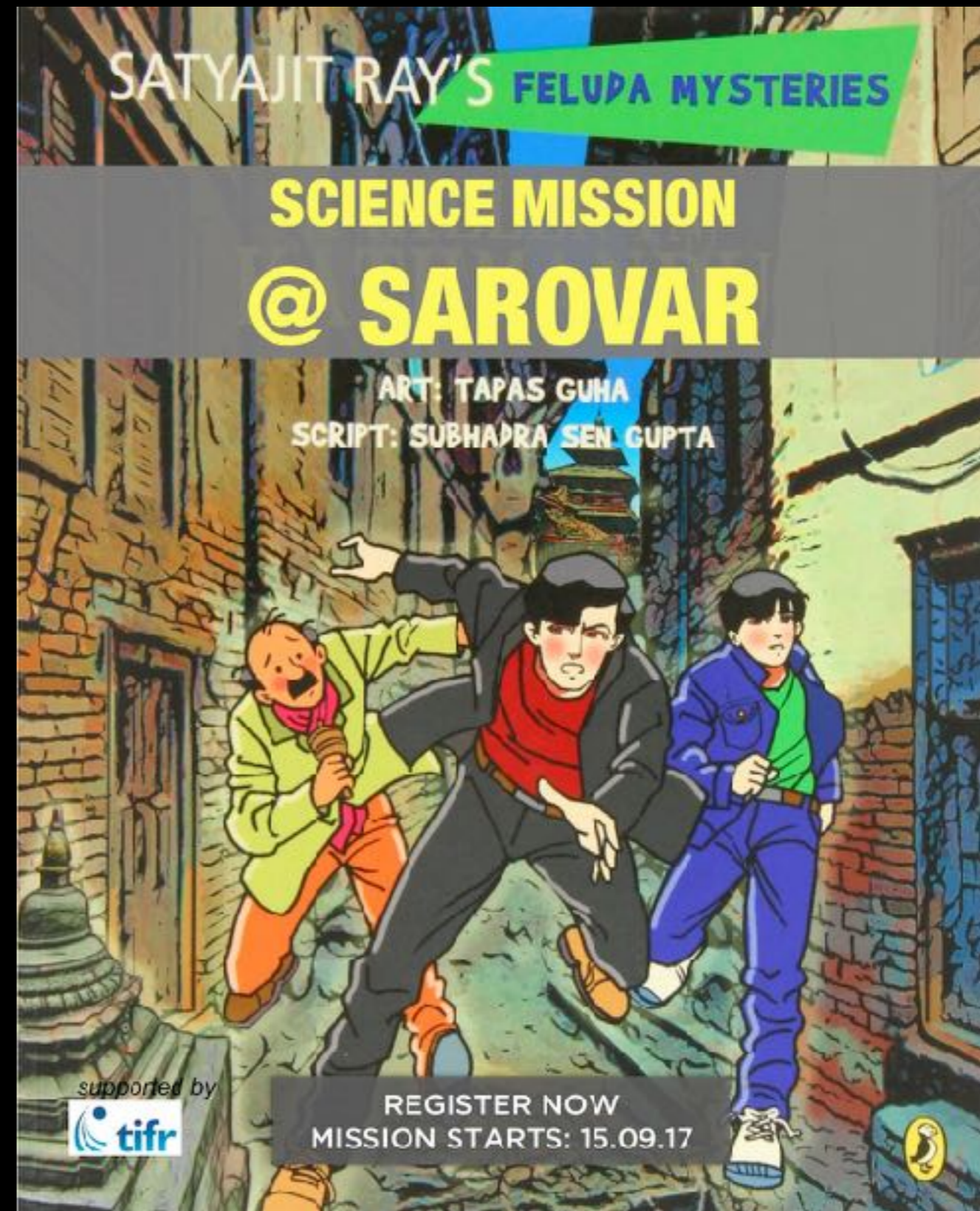


# Feluda Mysteries

## Science Mission @ Sarovar

September 15 to 29, 2017



Jayashree Ramadas, Tata Institute of Fundamental Research  
Gopanpally, Serilingampally Mandal, Ranga Reddy District, Hyderabad 500 107

# Feluda investigates Sarovar

“Ask the right questions, and nature will open the doors to her secrets”

- C. V. Raman

“The scientist is not a person who gives the right answers, s\*he is one who asks the right questions.”

- Claude Lévi-Strauss

\*Edit

# So let's ask questions

## About the “natural life” of Aparna Sarovar

# Questions about

1. Plants of Aparna Sarovar
2. Native trees of Hyderabad
3. Creepy crawlies
4. Birds
5. Dogs and cats
6. Night life of Aparna Sarovar
7. Rock piles of Hyderabad
8. Waste recycling at Aparna Sarovar

# Outcomes for each topic

- Video presentation  
(Videos, photos, sound recordings: own + other)
- Five questions to which you found answers  
(Questions only)
- Five questions to which you simply could not find answers

# Remember

- Be considerate to all living things
- Acknowledge your sources!

# Plants of Aparna Sarovar

- Their names - Common, botanical (Why?)
- Where in the world did they come from?  
How?
- Why were they selected?
- Who lives or feeds on them?

# Plants of Aparna Sarovar

Resources:

- Gardeners
- Horticulturists
- Botanists
- Books
- Internet

Expert: Ms. Anuradha Vinodh



# Native trees of Hyderabad

- Which trees are native to Hyderabad?
- Where all do you find them in the city?
- Are any of them in Aparna Sarovar?
- Are they just outside Aparna Sarovar?
- What is special about native trees?

# Native trees of Hyderabad

## Resources:

- Botanical Survey of India
- “Trees of Hyderabad: A Pictorial Guide”
- Telangana Forest Department
- Internet

Expert: Ms. Anuradha Vinodh

# Creepy crawlies

- Clues that they are there
- What different kinds?
- Where do they live?
- What do they eat?
- Do they ever get to fly?

# Creepy crawlies

## Resources:

- Gardeners
- Naturalists
- Books
- Internet - I Found Butterflies, Moths of India, Cicadas of India, Odonata of India, Spiders of India, Reptiles of India, Amphibians of India

Expert: Ms. Anuradha Vinodh

# Birds

- What different kinds do you find at Aparna Sarovar?
- Who are residents and who are the visitors?
- Where do they live?
- What do they eat?
- Who are the bold and the shy ones?

# Birds

## Resources:

- Gardeners
- Birdwatcher's Society of Andhra Pradesh
- Books - Salim Ali and others
- Internet

Expert: Mr. Shafaat Ulla

# Dogs and Cats

- What breeds are they? Describe them.
- Where are they from? What are they bred for? Does breeding lead to any problems?
- How do these cats and dogs sense?
- Are the cats and dogs stray or pet?
- Do they hunt for food?

# Dogs and Cats

## Resources:

- Dog and Cat lovers
- Alexandra Horowitz - “Being a Dog”
- Other books
- Internet

Experts: Find them!



# Night life of Aparna Sarovar

Sound recordings; Surprise photography

- Who makes the sounds?
- How do they make the sounds?
- Why do they make the sounds?
- At what time of day and in what weather do you hear more and louder sounds?

# Night life of Aparna Sarovar

## Resources:

- YouTube
- SoundCloud

Expert: Ms. Anuradha Vinodh

# Rock piles of Hyderabad

- How old are the rocks?
- How were they formed?
- What holds them together?
- Do they support life? How?
- Are any parts of them now in Aparna Sarovar?

# Rock piles of Hyderabad

## Resources:

- Society to Save Rocks
- Geologists
- Internet

# Waste recycling at Sarovar

- How is household waste separated at Aparna Sarovar?
- What percentage of households participate?
- What are the steps in waste recycling after leaving Sarovar?
- Why should we recycle waste?

# Waste recycling at Sarovar

## Resources:

- Housekeeping staff
- Sarovar volunteers
- 'Waste Ventures'
- YouTube

Expert: Mr. Roshan Miranda

# Important date

Visit of experts and nature walk early morning on Friday, September 22, 2017

— Ask your questions, show your unidentified photographs, learn how to observe nature.

# Happy Investigations!