

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):
Debate/Seminar/Symposium/Conference etc. organised by Registered Govt. Sponsored Library.

2. Title of the Programme: Workshop on Science and Environmental Education through Puppetry.

3. Target Groups:

- i. Common people of the South Kolkata region including the citizens of Regent Estate.
- ii. Students and Teachers of the neighbourhood schools.

4. Duration (days): 7 Days (Between 2nd and Last week of February, 2026)

5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary):

Why this programme:

To bring science and environmental awareness alive and interesting in the classroom, this initiative will introduce an innovative workshop using puppetry as a medium of experiential learning. Designed for a cluster of ten schools situated around Jadavpur University in South Kolkata, the programme will seek to engage school-going children—particularly from marginalized communities—through the enchanting and inclusive art of puppetry.

By blending scientific inquiry with creative visual expression, the workshop opens up new avenues for understanding complex ideas related to nature, sustainability, and daily-life science. Children will explore ecological themes, scientific principles, and social concerns and responsibilities through crafting, storytelling, and performance, enabling them to internalize concepts in ways that textbooks alone hardly offer.

Beyond the immediate joy of performance and participation, this initiative will lay the foundation for **holistic learning**—nurturing curiosity, collaboration, and confidence among young learners. It will also mark the beginning of a sustained engagement with students and community of South Kolkata Region by providing **continuous educational inputs** that support critical thinking, creativity, and emotional intelligence.

Ultimately, the programme will envision the emergence of a **vibrant learning ecosystem** where science education will not be confined to rote memorization, but will become a lived, shared, and joyful experience—especially for children who need it most.

Objectives:

- To introduce the fundamentals of puppetry as a form of expressive art.
- To stimulate memory, motor skills, and imagination through hands-on puppet-making and storytelling.
- To promote social interaction, emotional expression, and intergenerational sharing.
- To explore puppetry as a tool for Science Communication and Environmental Awareness.

Communication and Language Development

- **Non-verbal expression:** Puppets allow children with speech or language delays to express thoughts and emotions non-verbally.
- **Speech improvement:** Encourages vocalization, word formation, and storytelling, which can aid speech therapy.
- **Confidence in speaking:** Speaking through a puppet can reduce anxiety or fear of judgment.

Emotional and Social Development

- **Safe emotional outlet:** Puppets offer a “safe space” for expressing feelings (e.g., anger, fear, sadness) they may struggle to share directly.
- **Improved social skills:** Puppet play encourages turn-taking, empathy, and cooperative play, enhancing peer interaction.
- **Self-esteem and confidence:** Creating and controlling a puppet helps children feel empowered and in control.

Cognitive and Learning Skills

- **Imaginative thinking:** Puppet storytelling fosters imagination and abstract thinking.
- **Improved focus and memory:** Following or creating stories with puppets can enhance concentration and sequencing skills.
- **Problem-solving:** Puppet scenarios can introduce social or practical problems that children can solve creatively.

Motor Skills Development

- **Fine motor skills:** Making and manipulating puppets improves hand-eye coordination and dexterity.
- **Gross motor skills:** Larger puppet shows may involve movement, enhancing body coordination.

Therapeutic and Behavioural Benefits

- **Behavioural modelling:** Puppets can model appropriate behaviour or routines (e.g., hygiene, sharing, emotional regulation).
- **Therapeutic tool:** Used in occupational or psychological therapy to uncover emotional blocks or trauma.
- **Routine and predictability:** Puppetry can help in structured storytelling, which benefits children with autism or sensory processing challenges.

Creativity and Artistic Expression

- **Personal expression:** Puppet-making allows personalization—children can design characters that reflect their identity.
- **Artistic skills:** Engages children in art, design, and storytelling, promoting creativity and pride in their creations.

Inclusion and Accessibility

- **Inclusive activity:** Puppetry can be adapted to any ability level, making it a valuable inclusive tool in classrooms or therapy.
- **Bridges barriers:** Encourages inclusive peer interactions by focusing on play rather than disability.

Conclusion:

Puppetry is more than play—it's a multi-sensory, therapeutic, and educational tool that nurtures self-expression, skill development, and healing for specially-abled children. Whether used in special education, therapy, or at home, it holds great potential to enhance quality of life and development in a joyful, creative way.

There are different types of puppets practised in different parts in India. Few of them are as follows:

Type of Puppet	Regional Tradition / Name	State(s)	Distinct Features
String Puppets (Marionettes)	<i>Kathputli</i>	Rajasthan	Wooden puppets, brightly painted, controlled by strings; often perform folk tales, romances.
	<i>Kundhei</i>	Odisha	Wooden puppets with joints; string manipulation from above.
	<i>Gombeyatta</i>	Karnataka	Influenced by Yakshagana theatre, elaborate costumes.
Shadow Puppets	<i>Tholu Bommalata</i>	Andhra Pradesh	Large, coloured leather puppets; projected on screen with light.
	<i>Chamadyache Bahulya</i>	Maharashtra	Small leather shadow puppets; folk stories.
	<i>Ravanachhaya</i>	Odisha	Opaque leather puppets, producing sharp black silhouettes (no colour).
	<i>Togalu Gombeyatta</i>	Karnataka	Smaller shadow puppets, regional myths.
	<i>Tholpavakoothu</i>	Kerala	Ritual shadow theatre, enacting the <i>Ramayana</i> in temples.
Rod Puppets	<i>Putul Nach</i>	West Bengal	Tall rod puppets (up to 1.5m), performed outdoors.
	<i>Kathi Kandhei</i>	Odisha	Rods attached to body and limbs, lively movements.
Glove Puppets (Hand Puppets)	<i>Gulabo-Sitabo</i>	Uttar Pradesh	Comic glove puppet pair, satire and social commentary.
	<i>Pavakoothu</i>	Kerala	Glove puppets narrating local legends and epics.
	<i>Kandhei Nach</i>	Odisha	Local folk tales through glove puppetry.
Other Forms	Clay / Mud Puppets	Tribal belts	Non-articulated, ritual storytelling.

	Mask + Puppet Hybrids	Assam, Bengal	Masks used with rod or glove mechanisms.
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***We will concentrate on Rod Puppet, Glove Puppet and Finger Puppet.**

6. Name, Designation, Postal Address, mobile no. and e-mail id of the (only one) Programme Co-ordinator (PC) (attach separate sheet, if necessary): Asok Sengupta, 124 Regent Estate, Kolkata 700092, (M) 9831061164, Email: asok.sengupta1969@gmail.com

7. Legal status of the Institute (School/College/University/Institute/Polytechnic/ITI/Autonomous body/registered NGO/Trust etc.): Govt. Sponsored Library

8. Date wise detail Programme Schedule (attach separate sheet, if necessary):

 **Day 1**

- **11.00 AM – 11.30 AM:** Welcome Address, Self Introduction
- **11.30 AM – 12.00 Noon:** Introduction to Puppet as a media of communication
- **12.00 Noon – 12.30 PM:** Few exercises & Meditation
- **12.40 PM – 01.30 PM:** Hands on Puppet Making
- **01.30 PM – 02.15 PM:** Lunch Break
- **02.15 PM – 04.00 PM:** Story Building Exercises
- **04.00 PM Onwards:** Formal Inauguration

 **Day 2**

- **11.00 AM – 11.30 AM:** Exercises & Meditation
- **11.30 AM – 01.30 PM:** Hands on Puppet Making
- **01.30 PM – 02.15 PM:** Lunch Break
- **02.15 PM – 04.30 PM:** Hands on Puppet Making

 **Day 3**

- **11.00 AM – 11.30 AM:** Exercises & Meditation
- **11.30 AM – 01.30 PM:** Hands on Puppet Making
- **01.30 PM – 02.15 PM:** Lunch Break
- **02.15 PM – 04.30 PM:** Vocal Action

 **Day 4**

- **11.00 AM – 11.30 AM:** Exercises & Meditation
- **11.30 AM – 01.30 PM:** Hands on Puppet Making
- **01.30 PM – 02.15 PM:** Lunch Break
- **02.15 PM – 04.30 PM:** Rehearsal for Presentation

 **Day 5**

- **11.00 AM – 11.30 AM:** Exercises & Meditation
- **11.30 AM – 01.30 PM:** Hands on Puppet Making
- **01.30 PM – 02.15 PM:** Lunch Break
- **02.15 PM – 04.30 PM:** Rehearsal for Presentation

 **Day 6**

- **11.00 AM – 01.30 PM:** Whole day Preparation for Presentation
- **01.30 PM – 02.15 PM:** Lunch Break
- **02.15 PM – 04.30 PM:** Whole day Preparation for Presentation

 **Day 7**

- **11.00 AM – 01.30 PM:** Rehearsal for Final Presentation
- **01.30 PM – 02.15 PM:** Lunch Break
- **02.15 PM Onwards:** Public performances followed by Valedictory Session

9. Collaborating Institutions/Organizations, if any, with their specific contribution: Baruipur Gangaridi Puppet Theatre.

10. Expected number of participants and list of Resource Persons/Invited Speakers: 60 Participants

11. Give details of the grant received from DSTBT in last three Financial Years, if any along with 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: Secretary, Regent Estate Association Library, 176/14, Regent Estate, Kolkata 700092

13. Total Estimated Expenditure (A)/Organisation's contribution (B)/Contribution from any other sources (C)/Grant expected from DSTBT(D): Rs. 1,00,000/-

D: ₹ 1,00,000/- = (A: ₹ 1,10,220 – B: ₹ 10,220 – C: ₹ 0)

(Provide detail Budget break-up as per Annexure-I and Bank details as per 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/Organisation's letter head: YES
- For registered NGO /Trust, Filled in Application Format recommended by the appropriate Recommending Authority, viz., Lt. BDO/BDO/SDO/DM/Executive Officer - Municipality / Commissioner - municipal Corporation as the case may be (where the programme is actually going to be held): NO
- For registered NGO / Trust, attested copies of the registration certificate, latest renewal certificate, Memorandum and rules and regulations of the Organisation, last three years Audited Statement of Accounts , Annual Reports etc., List of recommended beneficiaries: YES

DECLARATION

Certified that the details furnished in the filled in format are correct to best of our knowledge & belief and that amount of financial assistance, if sanctioned, will be utilised 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 and conditions 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 the video photographs etc.

Signature: Asok Sengupta

Date: 13/12/2015

Name of the Programme Co-ordinator:

Designation: ASOK SENGUPTA
EC Member

Address: 124 REGENT ESTATE

KOLKATA-700092 (Office Seal)

Signature: Abhijit Bardhan

Date: 13/12/25

Name of the head of the institution

Designation: General Secretary

Address: 501A, Sriniketan Colony, Kol- M



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 benefits of the local College/University Students/Community etc.

Signature :

Date :

Name of Recommending Authority :

Designation :

Address :

(Office Seal)

REGENT ESTATE ASSOCIATION LIBRARY

176 / 14, REGENT ESTATE, KOL - 700092

Annexure - I

Proposed Total Budget with break-ups

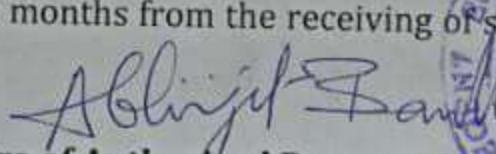
Sl.	Items required with justification and rate	Rate (Rs.)	Qty.	Day(s)	Amount (Rs.)	Total Expenditure (A) (Rs.)
A.	Four Days Workshop on Puppetry No. of Head: 50 (Participants) + 10 (organizers) = 60 heads No. of Day: 7 Days					
1	Food & Refreshment Cost @ Rs. 110/- per head / day for 60 heads for 5 days	110	60	7	46,200	
2	Honorarium & TA for Experts @ Rs. 1500/- per head for 1 head for 5 days	1,500	1	7	10,500	
3	Resource Materials @ Rs. 50/- per head/per day for 50 participants for 5 days	50	50	7	17,500	
4	Decoration, Electrification etc @ Rs. 5000/-	5,000	1	1	5,000	
5	PA System, Sound Box and other arrangements cost @ Rs. 1000/- per day for 7 adys	1,000	1	7	7,000	
6	Venue Management Cost @ Rs. 2000/- per day for 5 days	2,000	1	7	14,000	
Total						1,00,200
Add: Institutional Overhead (5%)						5010
Add: Miscellaneous Cost (5%)						5010
Grand Total						1,10,220

B. Institution / Organization Contribution in Rs. 10,220/-

C. Contribution from any other sources (with name & address) in NIL

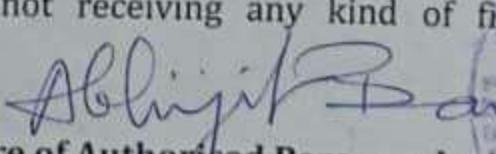
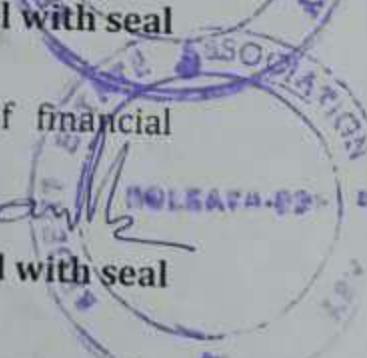
D. Grant expected from DSTBT Rs. (1,10,220 - 10,220) = 100000/-

- Programme will be completed within two months from the receiving of sanction letter.

 
Signature of Authorised Personnel with seal

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

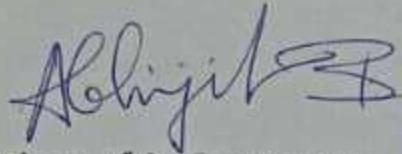
REGENT ESTATE ASSOCIATION LIBRARY

176 / 14, REGENT ESTATE, KOL - 700092 -

Annexure - II

Bank details of the Applicant Organization

Name of the Organization	REGENT ESTATE ASSOCIATION LIBRARY
Bank Account number & name of the Account holder/Organization	<u>ACCOUNT NO.:</u> 1485000100643763 <u>ACCOUNT NAME:</u> REGENT ESTATE ASSOCIATION LIBRARY <u>ACCOUNT HOLDER:</u> COL. KALYAN BHATTACHARYA, ABHIJIT BARDHAN, ASOK SENGUPTA
Type of Account (Savings or Current A/c)	SAVINGS
Name of the Bank	PUNJAB NATIONAL BANK
Name of the Branch with Branch address	JADAVPUR, 52/6, RAJA S. C. MALICK ROAD KOLKATA 700 032
IFSC of the Branch	PUNB0148500
Mobile number of the Programme Coordinator/Head of the Organization	9831061164
PAN / TAN of the Account holder/Organization	ABHIJIT BARDHAN (PAN: AEEPB8669N)



 Signature of Authorised Personnel with seal