

Project Completion Report

CAMPAIGN FOR DEVELOPING SCIENTIFIC TEMPERAMENT IN TRIBAL AREA THROUGH FOLK MEDIA PUPPETRY

CATALYZED & SUPPORTED BY :

NCSTC, NATIONAL COUNCIL FOR SCIENCE & TECHNOLOGY
COMMUNICATION DEPARTMENT OF SCIENCE &
TECHNOLOGY, GOVERNMENT OF INDIA, NEW DELHI

ORGANIZED BY :

MAA VIDHYAWATI DEVI SEVA SANSTHAN, KUSHINAGAR,
UTTAR PRADESH



Preface of the project

- For science communication using folk media, two tehsils of Gorakhpur region of Uttar Pradesh, Gorakhpur and Chaurachori, were selected. Under the seven-day workshop, a blueprint was prepared for developing scientific temper in the Scheduled Tribe areas through puppet medium, and then awareness was created among the general public through plays and lectures prepared during the workshop. For the participants from Gorakhpur region of Uttar Pradesh which included science communicators, school teachers, journalism students as well as people from such institutions who are interested in science communication. The main objective of the program was to disseminate useful information about science among the general public using folk arts, so that scientific temper could be developed among them.

Workshop

- Shri Dhirendra Rai, Director, Group of Schools, Gorakhpur was present as the chief guest on the occasion of the inauguration of the seven-day workshop organized by folk media puppetry to develop scientific temperament in the Scheduled Tribe areas. Shri Dhirendra Rai, present as the chief guest, said that today folk media is being used especially in the field of science communication in the country. He said that the unscientific thinking prevalent in the society can be removed only through scientific approach. He said that in the tribal areas we are seeing that even today, leaving aside the scientific viewpoint, even the promotion of education has not been done at the level it should be. He said that it is necessary for the development of the country and the development of tribal society that a lot of work needs to be done in this field. He said that I have been associated with Maa Vidyavati Devi Seva Sansthan for a long time and this organization is creating awareness among the general public. Organization is continuously playing an active role for developing scientific temperament among masses of this region.

- In his address, he further said that we need to make continuous efforts for the development of scientific thinking. Mr. Anurag Rai, senior educationist and social reformer, who was presiding over the event, said in his address that there has been a continuous effort of public medium for science communication in Uttar Pradesh, if we can solve the problems of common people in a specific and meaningful way. If we want to do so, we will have to connect them with education. During the workshop, source expert Sunil Jain, while emphasizing on the need of science communication through effigy, said that even today in the 21st century, we are carrying many such unscientific things which should have ended long ago. He said that the promotion of science Along with dissemination, we have to see that it is according to the environment of the Scheduled Castes and that these communities can associate themselves with the science movement.

- Under the direction of source expert Mr. Sunil Jain, the discussion on script writing was started by the participants in which the participants in different groups discussed in detail about the selection of the topic for preparing the script and how to select the characters in the script etc. and how to weave an effective script. Told the method. In the last session of the workshop, preliminary information was given about Globs Puppet and Road Puppet. The last session was presided over by Mr. Ajay Rao. He said that it has been the constant effort of the organization to propagate science in the Scheduled Tribe areas. He said that the organization has been creating public awareness on different topics from time to time, this time the organization is implementing the project by using the public medium of effigy in science communication.

- The first session of the second day of the workshop was presided over by Shri Jitendra Singh, Science Communicator and Science Writer. He highlighted to the participants how to prepare a good script for the puppetry. He said that while writing for the puppet medium, we should keep this in mind. The communication should be very natural and simple and the subject matter should be completely understood by the target group and they should be able to get the information related to that subject and benefit from it. In the second session of the second day of Science Communication Workshop through Puppet Medium, the participants read out their scripts in different groups. Source expert Mr. Sunil Jain told the participants in detail about different types of puppets, including globes and road puppets, as well as string puppets used in other areas, especially in Rajasthan.

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- He said that in the workshop we will use only puppets which are made in very simple form because we have to test the subject matter of science which we are conveying to the general public through puppets. In the last session of the second day, while giving a lecture on the topic of science communication through performing folk arts, science writer Shri Durga Prasad said that by propagating science and technology, we can solve the problems of daily life of common people because science and technology. Only through development can we find permanent solutions to our problems.

- He said that the folk media is very simple and easy for every person, hence through this medium we can convey our messages to the general public in a more effective manner. He said that the kind of work seen in the workshop is definitely a reflection of this workshop. He stressed the use of local language in the field of science writing. The third day of the event started with the lecture and practical demonstration of Source expert Mr. Sunil Jain in which he first demonstrated various puppets like Road Puppet and Globes Puppet to all the participants. Shri Sunil Jain said that when we work for puppet medium, there is a lot of potential to bring interest in it.

- In the next session of the third day, a base was made by the participants for preparing the masks of the puppets on the balloon, in which five to seven layers of paper were made on the balloon through Fabicol, which after drying in the sun, they were used as the vase of the globes puppet. Source expert Shri Vinod Sahni introduced the method of making globes puppet and gave training in making different shapes. He told that you can prepare the puppet according to the character of your script. He provided training to the participants in making various shapes. Through a short script, Shri Ajay Rao explained to the participants in detail about the type of script to be made and also highlighted how the topic should be selected. Shri Ajay Rao, senior science communicator and science writer made the participants select the topic. At the same time, the participants were divided into different groups and asked to work on the script and take advice in the second session of the third day.

- Starting the last session, source expert Sunil Jain addressed the participants and said that there is a great need to adopt scientific approach for social development. He told how unscientific thinking becomes fatal for life and through various examples he told the participants that we should always adopt scientific thinking in our life. Sunil Jain told how we can mold the masks of the puppet as per our character. In the final session, the participants practiced speaking dialogues while continuing the work of puppet making with the source experts. Collaboration in the work – done by Vinod Kushwaha.

- The fourth day of the workshop was presided over by Mrs. Neeta Devi, Principal. He told the participants how to prepare the puppet costume. Mrs. Neeta Devi told how we can prepare the dresses of globes and road puppets to make them attractive. She taught the participants to make various costumes in an experimental manner with the cooperation of the participants. In the next session of the fourth day, source expert Sunil Jain, in his address, told the participants in detail about how science writing can be included in stories. In the script presented by the participants, various topics of science were highlighted by the participants, in which how society can be made aware for the development of thinking, various topics were selected after discussion with the participants, which included environment, women's health. Along with topics like freedom from superstition, the problem of nutrition among women was also included. Theater artist Sunil Jain explained the intricacies of acting and communication to the participants and made them do experimental communication and live acting was also done. In the last session, the making of masks was finalized by Vinod Kushwaha. Mrs. Neeta Devi helped the participants in preparing the costumes of the puppet.

- In the last session of the fourth day of Science Communication Workshop through Puppetry, the working process of the puppet prepared by the participants was explained by the experts and then the puppets were operated by them also. Through this type of entertainment, various aspects of science were explained to the participants through puppetry and conducted by them and the participants were also inspired to carry out the communication process effectively and this process was demonstrated in an experimental form. Source Experts Done under the direction of Shri Sunil Jain, Vinod Kushwaha and Neeta Devi.

- In the first session of the fifth day, Mrs. Neeta Devi, Handicraft Expert told the participants how to finalize the costume for the puppet. He explained in detail about the costume. In the next session, the participants were provided training in acting and dialogue as per the script. In the acting, the participants rehearsed with folk artistes and folk instruments were also used. In the rehearsal, the participants were provided training in the nuances of acting. In the last session of the fifth day of the workshop, a lecture was presented by Shri Ajay Rao in which he addressed the participants on effective script writing for folk media and said that the knowledge of science can be conveyed to the masses through effigies. Addressing the participants, he said that communication in remote areas can be a challenging task through puppet medium. He said that this is a very meaningful medium to present scientific facts with entertainment by using folk media as per requirement. While sharing his experiences with the participants, he said that if we make proper efforts towards using folk arts in science communication, then definitely we can take science communication to the remote areas of the society.

- The masks were finalized in the first session of the sixth day in which the participants were consulted by the resource experts. Provided necessary guidance. The globes and road puppet costumes are finalized by the participants. The participants not only learned the various stages of making globes puppet and road puppets but also became a part of the making. In the workshop, theater work was directed by Sunil Jain, the final work was done on the guidance of puppet making, Mrs. Neeta Devi, Vinod Kushwaha on making costumes etc. The next session of the sixth day of the workshop started with the lecture of Shri Anil Paswal. He said that the problems of the society will be solved only by the development of scientific thinking. He said that our aim is to develop scientific thinking in the society with the help of folk media puppetry. He said that folk medium is such a medium which has reach to the people of remote areas where education has not been propagated. This medium can reach every class, educated and uneducated of society. By the sixth day of the workshop, the scripts and puppets of all the participants were ready. In the next sessions, the participants practiced for the puppet show under the guidance and direction of the resource experts.

- In the final session, along with the script prepared by the participants, the script was recorded in the presence of the musicians, which was very impressive. Dialogues had to be repeated several times during recording. The seventh day of the workshop started with a lecture in which resource expert Sunil Jain gave his talk on the basis of the performance being prepared by the participants. He said that we should bring excellence in our performance. We are seeing that the participants are better than each other. There is a desire to do this, it is very good for learning, it develops the abilities within you, now we are almost moving towards the last stage of our hard work, today our effort will be to fulfill all the work we have done in the last six days. Evaluate and overcome your shortcomings.

- Mrs. Neeta Devi said that a little hard work is still needed in the costumes of the puppets, while Vinod Kushwaha talked about keeping oneself comfortable with the puppets. Sunil Jain made the participants practice with the recording. In the second session, all the participants did final practice with the recording in different groups, on which the final rehearsal was done and after the complete rehearsal, the participants were ready to perform in different groups. The final touches to the display were given under the supervision of experts. On the last day of the workshop, Shri Jitendra Singh, science writer and senior science communicator attended as the chief guest. Describing the folk arts of our country as very rich, he said that if we have to take the complex subject of science easily among the common people, then these arts can be of very important use. He said that I would like to thank all the organizers and participants. I wish him well that his efforts promote science communication in the society.

- Finally the feedback received from the participants was collected. Certificates were distributed to all the participants. The participants who did the best work in the workshop were honored. In the end, on behalf of the organization, gratitude was expressed to the National Council for Science and Technology Communication and its scientific officers and participants.



**DEMONSTRATION IN PUBLIC
CAMPAIGN FOR DEVELOPING
SCIENTIFIC TEMPERAMENT IN
TRIBAL AREA THROUGH FOLK
MEDIA PUPPETRY Date – 10
December 2023 to 03 January 2024**

- Tahshil -Gorakhpur Sadar & Tehsil -
Chauri Chaura, District - Gorakhpur
- Uttar Pradesh
- Catalyzed & Supported by : NCSTC
National Council for Science &
Technology Communication
Department of Science & Technology,
Government of India, New Delhi
Organized by MAA VIDHYAWATI
DEVI SEVA SANSTHAN,
KUSHINAGAR, UTTAR PRADESH

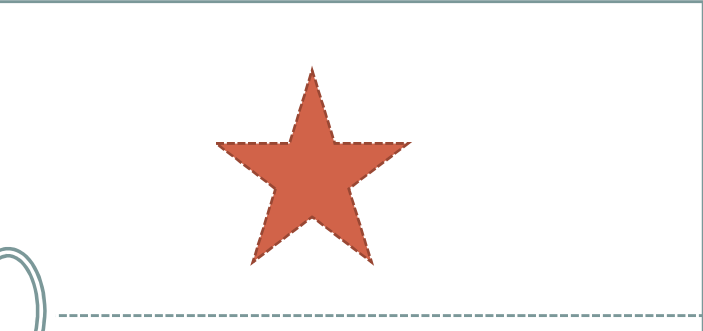
Demonstration

- It was a challenging task to exhibit the art forms prepared during the workshop among the general public. This was done at 50 places in Gaurakhpur tehsil and 50 places in Chaurachori tehsil, previously determined by the organization. The following activities were carried out during the demonstration. 1. First of all, at the local level, where the demonstration for science communication through puppet medium is to be done, the general public was gathered at one place for prior preparation. In which the organization's network at the local level also helped. 2. The puppetry show prepared during the workshop was displayed at the predetermined place. In which the main topic raised was scientific temper in the tribal area. During the puppet Show, small science scripts were demonstrated among the general public through puppetry, which were received with great interest by the general public. 3. The source material prepared during the workshop was distributed. 4. The effigy display was a center of great attraction among the general public at the demonstration site. After the effigy demonstration, lectures by resource experts were also organized in which the subject was presented in more detail to the general public. 5. Finally, by obtaining feedback from the general public, an attempt was made to find out whether the vision given through the puppet medium











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LIST OF VILLEGES GORAKHPUR SADAR TEHSIL DISTT GORAKHPUR U.P.

1. JANGLE AYODHYA PRASAD
2. JAMUNI
3. JAGATBELA
4. ISLAMPUR
5. HEMDHAPUR
6. DUMAREE
7. JAIPUR
8. HARKHAPUR
9. HARPUR
10. JANGLE GAIMARA
11. DOMINGARH
12. JANGLE KAMRIA
13. JANGLE SIKARI
14. JANGLE BAHADUR ALI
15. JANGLE CHATRA DHARI
16. TURKWALIA
17. AGAYA
18. HARDIA
19. PAWANPUR
20. MANJHARIA BISTAU
21. ARAZI BANKAT
22. AMWA
23. CHAKARAM PUR
24. MOHMMAD PUR MAFI
25. ATARAULIA
26. KARNJAHWA
27. MIRZAPUR
28. BELA
29. BAIJNATHPUR
30. PHULWARIA
31. BELAPAR
32. PRATAPPUR
33. BANCHARA
34. MAINA BHAGAR
35. KEOTALIA
36. BARAULE
37. BARSAINI
38. BELGHAT KHURD
39. AURANGABAD
40. BHARWALIA BUGURG
41. BHATHAT
42. RAGHUNATH PUR
43. BHISWA
44. DUHIYA
45. SEMARADEVI PRASAD
46. CHAKJALAL
47. DEEHAGHAT
48. DEVIPUR
49. CHHITANNA
50. EKALA

LIST OF VILLEGES CHAURI CHAURA TEHSIL DISTT GORAKHPUR U.P.

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|-----|------------------|-----|--------------------|
| 1. | AHIRAULI | 26. | EBRAHIMPUR |
| 2. | AMDIHA | 27. | GADNAR |
| 3. | ARAJI JAGDISHPUR | 28. | GOPAL PUR |
| 4. | AYODHYA CHAK | 29. | HARPUR |
| 5. | BADAHARA | 30. | JHANGAHA |
| 6. | BAIJU DIHA | 31. | JANGLE GAURI 1 |
| 7. | BAIKUNTHPUR | 32. | JANGLE GAURI 2 |
| 8. | BARHI | 33. | JANGLE RASOOLPUR-1 |
| 9. | BELWA | 34. | JANGLE RASOOLPUR-2 |
| 10. | BELWA KHURD | 35. | KAITHWALIA |
| 11. | BHAGWANPUR | 36. | KARMAHA |
| 12. | BHAUPAR | 37. | KUSUMHI |
| 13. | BHOPA BAZAR | 38. | LAXMIPUR |
| 14. | BISAMBHAR PUR | 39. | MAHDEWA JANGLE |
| 15. | BISUN PUR | 40. | LAKHMANPUR |
| 16. | BRAHMPUR | 41. | MAHDEWA ADAI |
| 17. | CHAKIA | 42. | MAHUWA BUJURG |
| 18. | CHAURA | 43. | KONA SONBARSA |
| 19. | CHHAPRA MANSOOR | 44. | JAIRAM KOLA |
| 20. | CHITAHARI | 45. | JALHABARI |
| 21. | DAYAL GARH | 46. | GOBDAURI |
| 22. | DEVKALI | 47. | GOBDAURA |
| 23. | DEVIPUR | 48. | CHAURI |
| 24. | DUBAULI | 49. | BHAT GANWA |
| 25. | DUMARI KHAS | 50. | BARGADWA |