

MODERNIZATION/UP-GRADATION OF EXISTING SCIENCE CITIES/SCIENCE CENTRES/INNOVATION HUBS UNDER THE SCIENCE CITIES SCHEME

1. INTRODUCTION

India has over 50-60 Science Museums/Centres/Cities functioning in different States/UT's. 49 of them have been developed by NCSM since 1959. 25 centres are managed by NCSM and remaining 24 have been handed over to respective States/UT's/Societies for operation and management. Some Science Centres have been developed by State Govt./UT's and are operated and managed by Societies formed by them.

The existing science museums and centres developed in the past are having varying architecture, facilities, content, infrastructure and some of which do not conform to the prevailing trends in the world. With rapid development in science and technology, communication techniques, digital technologies, the Science Centres/cities require modernization/up-gradation commensurate with the modern trends and requirements.

2. OBJECTIVES

The scheme aims to provide grant/funds to modernize/upgrade and create a congenial spatial setting for diverse exhibitions/galleries/visitor amenities in the existing science cities/science centres/Innovation hubs developed with funding from MoC, GOI or developed by the State Govt./UTs with full funding.

3. ELIGIBILITY CRITERIA:

The Science Cities/Science Centres/Innovation Hubs who have completed **at least 5 years of operation and satisfactory performance** shall be eligible for receiving the grant under the scheme.

4. PRE-REQUISITES FOR APPROVAL BY THE MINISTRY OF CULTURE:

Detailed Project Report (DPR): The Science Cities/Science Centres/Innovation Hubs desirous to receive the grant from MoC, GOI shall submit the DPR in the approved format (Refer Annexure-H) to Ministry of Culture. The DPR shall be evaluated and vetted by NCSM or a committee constituted by Ministry of Culture with representation from NCSM.

5. FACILITIES TO BE ADDED IN THE MODERNIZATION/UPGRADATION:

The existing science cities/science centres may be modernized/upgraded with the following facilities subject to availability of space and spare land within the funds sanctioned under the scheme:

- a. Modernization of Galleries/Exhibitions & Halls/Science Parks/visitor's amenities.
- b. Addition of galleries frontiers areas of Science & Technology and topics related to current issues in Science.
- c. Digital panoramic thematic presentations based on important scientific topics as well as on science and culture inter-relationship.
- d. Addition of open labs on Frontier Areas of Science & Technology to provide real scientific exploration by the public.

- e. Presentations on social issues with scientific solutions after proper contextualization.
- f. Addition of virtual and immersive experiences.
- g. Creation of new facilities such as Tropical Forests, Outdoor Amphi-Theatre, Solar powered park, Holography theatre, Hall of Fame to celebrate inventions and inventors, Digitally recreated archaeological sites, Spark Theatre, Dark Rides, Simulators, Robotics corner, 3D facility, Interpretation centres etc.
- h. Addition of a mobile science exhibition van/bus on a suitable theme for travelling in rural and nearby region of the location.

P.S.: In no case the funds provided under modernization/Up-gradation scheme shall be utilized for acquiring land/office vehicle etc. for the Science Centre/City.

6. BUDGET:

The actual budget will depend upon facilities identified for up- gradation/modernization. Total estimated cost for implementation for modernization/up gradation of Science Cities/Centres/Innovation Hubs would be as below:

Category	Total funding (Maximum) (Rs. In Crore)	Sharing of Funds between GOI & State Govt./UT /Society	Project/Scheme completion time (Maximum)
Science City (All locations (other than North East including Sikkim))	36.25	60:40	36 months
Science City in NE Region including Sikkim State	44.00	90:10	36 months
Science Centres -Category I (All locations (other than North East including Sikkim))	7.25	50:50	24 months
Science Centres - Category I in NER including Sikkim state	8.70	90:10	24 months
Science Centres -Category II (All locations (other than North East including Sikkim))	3.65	50:50	24 months
Science Centres - Category II in NER including Sikkim State	4.35	90:10	24 months
Science Centres -Category III (All locations (other than North East including Sikkim))	2.20	50:50	18 months
Science Centres - Category III in NER including Sikkim State	2.90	90:10	18 months
Innovation Hubs	1.50	50:50	12 months

7. PROJECT IMPLEMENTATION

The project shall normally be undertaken by NCSM on turn-key basis. The funds for the project will be received by NCSM, both from Central Govt. & State Govts./UT's/Societies. NCSM shall take up the modernization/Upgradation of the Science Cities/Centres/Innovation

Hubs on its own or through CMD, a wholly owned section 25 company of NCSM. NCSM shall be paid normal consultancy fees for execution of the project. An MOU will be signed between NCSM & State Govt./UT/Society for implementation of the Project.

In case of a State/UT Government or the Societies formed by the State/UT Governments seeking financial support from Government of India for a modernization/Upgradation project, to be implemented by the concerned Societies, the project will be vetted and processed by NCSM for approval of competent authority in Ministry of Culture, Govt. of India and NCSM shall be paid normal consultancy fees for the purpose. In that case funds will be released by Ministry of Culture, Govt. of India to the State Govt./UT or the Societies in a phased manner subject to sanction and release of State/UT's share of funds from the respective State/UT Governments/Societies and submission of utilization certificate by the State/UT Govt./Societies for the funds released from Government of India and the State Governments/UT/Societies.

**Application & Format for preparation of a Detailed Project Report (DPR) for
Modernization of existing Science City/Science Centres/Innovation Hubs**

Application Form for Grants-in-aid for Modernization of existing Science City/Science Centres/Innovation Hubs

1. Name of the organization :
2. Complete Address (With Telephone & Mobile No., e-mail) :
3. Availability of Built Up Space: Yes/No
4. Organization's profile including its Objectives, Status and Activities (to be annexed)
5. Category of Science City/Science Centre/Innovation Hub applied for :
6. Details of the income from other sources including foreign sources during the last three financial years
7. Estimated cost of the facility (indicate total here and annex the details) for which funding is being sought
8. Details of own resources of the organization to carry out the proposed activity
9. Amount of grant-in-aid sought
10. Details of grants-in-aid sought/received from other bodies
11. Location of Site
12. Past experience in the related activities
13. Details of projects taken up in the last 10 years
14. Organization and management of work (Please give details of the organizational structure to implement the project)
15. Additional information, if any

It is certified that the information given above is correct and I undertake to abide by them on behalf of our organization.

Signature of applicant/Head of Organization

Name (In block letters)

Designation

Office Stamp

Format for preparation of a detailed project report (DPR) for Modernization of existing Science City/Science Centres/Innovation Hubs

Introduction:

The Detailed Project Report (DPR) needs to be structured in accordance with the format given below. The DPR will need to be complete and the required information in all the sections provided irrespective of whether a part of it or whole of it was submitted with any of the earlier correspondence or the initial application. In other words the DPR will be a single document for assessing the application. An incomplete DPR will render the application liable for rejection.

The DPR will preferably be a hard bound volume in A4 size and in portrait alignment. Drawings for inclusion can be in A3 size, however integrated as a fold out within the volume.

The Drawings, Details, Views, Sketches and supporting Photographs may also be submitted in addition on a CD/ DVD/Pen Drive.

The DPR, in the prescribed format, will be submitted by all applicants.

The cues and/ or instructions against each Section/ Sub-section are given in *Italics*.

CONTENTS OF THE DPR

1. Cover Sheet

2. Abstract

3. Profile Sheet (This sheet will contain the following)

- i. Name of the Organisation:
- ii. Registered Address:
- iii. E-Mail ID and Telephone Number:
- iv. Year of Establishment of the Organisation:
- v. Type of Organisation: (*Government/ State Government/ Private/Society/ Trust etc.*)
- vi. Details of Registration (if applicable): (*copy to be provided as annexure*)
- vii. PAN Number (*if applicable*):
- viii. Service Tax Number (*if applicable*):
- ix. Authorised Contact Person & Designation:
- x. Annual Budget:
- xi. Source of Funding (*Self/ Govt./ Others*) :
- xii. Authorised Contact Person & Designation: (with telephone, mobile numbers and e-mail id)

4. Mandatory Documents

- i. Copy of Registration
- ii. Memorandum of Association or Trust Deed
- iii. Letter of Support from State Government
- iv. Letter of Recommendation from District Authority
- v. Authorisation Certificate
- vi. Audited Statement of Accounts for Last Three Years
- vii. Commitments for space, operation & sustenance of the facility

5. Background Information: Organisation (*where the present organization is a part of a larger organization*)

- i. History of the Organisation
- ii. Aims & Objectives of the Organisation
- iii. Organisational Structure and Management
- iv. Support Base, Benefactors
- v. Financial Resources & Summary Balance Sheets
- vi. Additional/ Special/ specific Information

6. The Proposal

(This section should provide the complete extent and details of the proposal for which Financial Assistance is being sought. Qualitative and Quantitative justifications should be well supported by rationale and measurements respectively. The elaboration should clearly bring out the estimate of costs for Buildings and Infrastructure as separate from estimate of costs for other requirements. The proposal should bear in mind the limits of Financial Assistance set out for the scheme. No proposal should aim to seek funding with a view to use it for achieving a partial fulfilment of goals without any plan for completing the remainder.)

7. Sustenance and Growth

- i. Present Scenario of institutional financing
- ii. Financial sustainable plan for the new facility to be created under modernization/upgradation

8. Conclusions: *(The conclusions should clearly bring out the anticipated impact of the proposal both in terms of quantitative and qualitative. Local Innovation that will be brought about in the project may be indicated.*

Annexure (*additional ones if any*)

References

Acknowledgements