

12TH FIVE YEAR PLAN: 2012-2017

1. Name of Schemes:

1.1. National Museum of Natural History: The National Museum of Natural History (NMNH), New Delhi is an institution devoted to environmental education (EE). The Museum was opened to the public in 1978 on June 5 on the occasion of World Environment Day. Then Museum undertakes EE through the means of Exhibition programmes and Educational activities. Even though the primary target audience of the Museum is school students, it has developed programmes for other categories of people as well. The NMNH is the pioneer Museum which has initiated several specialized programmes to cater to the needs of Persons with Disabilities. The Museum also undertakes many outreach programmes such as Temporary Exhibitions, Mobile Exhibitions and a large number of Nature camps. It also arranged many local and national level competitions leading to YEYA (Young Environmentalist of the Year Award).

1.2. Setting up Regional Museums of Natural History: In order to expand the geographical coverage of its activities, the NMNH has established a few Regional Museums of Natural History (RMNH) in South India (Mysore) in 1995, Central India (Bhopal) in 1997 and Eastern India (Bhubaneswar) in 2004. An RMNH for Western India (Sawai Madhopur) whose foundation stone was laid in 2007 is expected to be ready for inauguration shortly. Another RMNH, for the North-East, will be established shortly at Gangtok for which land has been received from the Government of Sikkim.

2. **Type:** Central Scheme (CS)

3. **XI Five Year Plan (2007-2012)**

The details of the Plan outlay for the 11th Five Year Plan is given below:

3.1. Plan Outlay proposed: Rs in Crores

Year	2007-08	2008-09	2009-10	2010-11	2011-12	Total
Capital	04	06	08	13	14	45
Revenue	08	09	09	09	10	45
Total	12	15	17	22	24	90

3.2. Plan outlay approved (As per BE): Rs in Crores

Year	2007-08	2008-09	2009-10	2010-11	2011-12	Total
Capital	03.00	04.00	11.00	05.00	05.00	28.00
Revenue	02.04	06.00	06.30	07.50	07.50	29.34
Total	5.04*	10.00	17.30	12.50	12.50	57.34

*BE figure and not RE

3.3. Actual Expenditure: Rs in Crores

Year	2007-08	2008-09	2009-10	2010-11	2011-12	Total
Capital	01.83	00.86	06.11	07.26	03.66 #	19.72
Revenue	04.49	05.42	05.94	06.89	03.33	26.07
Total	06.32	06.28	12.05	14.15	06.99	45.79

up to 20th Sept. Figure for the years 2008-9 and 2009-10 are based on Detailed Demand for Grant (DDG)

4. **XII Five Year Plan (2012-2017)**

4.1. Summary of Plan proposal of the NMNH for the 12th Five Year Plan is given below:

Summary of Plan proposal for NMNH for the 12th Five Year Plan (Rs Crores)

	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Capital:	23.25	19.00	78.00	46.40	20.00	186.65
Revenue:	11.00	12.50	15.00	15.50	16.00	70.00
Total:	34.25	31.50	93.00	61.90	36.00	256.65

The enhancement in allocation is mainly on account of capital schemes including opening of one RMNH in Sawai Madhopur (continuing Scheme) (Rs. 20 crores) and two new schemes: opening of a new RMNH in Gangtok (Rs. 56.65 crores) as well as acquisition of land & building of a new NMNH (HQ) (Rs. 100 crores) amounting to a total provision of Rs.176.65 crores which has been included during the 12th Five Year Plan under Capital Section as indicated below.

Detailed Summary of Plan Proposal for NMNH for the 12th Five Year Plan (Rs Crores)

					Year wise					Total
					2012-13	2013-14	2014-15	2015-16	2016-17	
1	CAPITAL	186.65								
1.1	Continuing Scheme		030.00							
1.1.1				Mysore, Bhopal, & Bhubaneswar	01.00	02.00	03.00	02.00	02.00	10.00
1.1.2				Sawai Madhopur	20.00	00.00	00.00	00.00	00.00	20.00
1.2	New Schemes		156.65							
1.2.1				Gangtok	00.25	02.00	40.00	14.40	00.00	56.65
1.2.2				New Delhi	02.00	15.00	35.00	30.00	18.00	100.00
2	REVENUE	070.00								
2.1	Continuing Scheme		053.00		08.50	09.50	11.00	11.50	12.50	53.00
2.2	New Schemes		017.00		02.50	03.00	04.00	04.00	03.50	17.00
	Total:	256.65			34.25	31.50	93.00	61.90	36.00	256.65

4.2. Continuing schemes:

It is proposed to continue with the Schemes of National Museum of Natural History (HQ New Delhi) and establishment of Regional Museums of Natural History. This will include the following regular works as well:

4.2.1. In the **Revenue** works common to all Museums (HQ and RMNH), the continuing schemes proposed include the following:

- a. Regular re-structure of the existing exhibits in Galleries so as to update the available exhibits
- b. Provide infrastructure facilities for the visitors such as modification of visitor facilities and restructure of public auditorium in Mysore and New Delhi.
- c. Provision of assistive infrastructure for Persons with disabilities within the available infrastructure/ building
- d. Capacity building programmes for staff
- e. Professional programmes (Seminar, Conferences, Workshops etc)
- f. Use of IT/ Computers/ Multimedia techniques for enhancing the communication value of Museum exhibitions: Latest technology in IT/ Computers/ Multimedia to be utilized while restructuring available exhibits or at the time of preparing new exhibits. This will also help in Creative activities, hands-on exhibits etc which will appeal to visitors.
- g. Restructure and updating of Discovery Room/computer Room in NMNH New Delhi and Regional Museum of Natural History.

- h. Up gradation of garden in RMNH Bhopal.
 - i. Purchase of vehicle for NMNH and RMNH Mysore. Bhopal and Bhubaneswar.
- 4.2.2.** In the **Revenue** works regarding the NMNH HQ will include the following continuing works:
- j. Cosmetic modification of the outside of the Museum buildings of NMNH HQ in the existing rented building so as to serve the public in a better way within the limited infrastructure available,
 - k. Carving out space at 4th Floor for Temporary exhibitions on themes of contemporary interest by way of re-structure of Gallery 4,
 - l. Carving out space at 4th floor for Competitions for children,
 - m. Carving out space at Ground Floor for facilities for visitors/ disabled.

4.2.3. In the **Revenue** works related to the Setting up Regional Museums of Natural History, the continuing schemes will include the following:

- n. RMNH Mysore, Bhopal, Bhubaneswar: Continue with major functions such as collection, conservation, documentation, research, education and exhibition of tangible and intangible natural heritage (flora and fauna) of the respective Regions,
- o. Specific to RMNH Sawai Madhopur: Collection, fabrication of materials/ resources for developing exhibits for the new Gallery 1 so that the Museum may be open to public. Also continue with educational and exhibition programmes in the Region.

4.2.4. Capital works: In the continuing Capital works, the following will be included

- p. Construction/ repair/ re-structure of public facilities like toilets, garages, transit accommodation, technical unit, scientific unit, visitor service unit, etc at RMNH Mysore, Bhopal and Bhubaneswar
- q. Construction and completion of Phase I of RMNH Sawai Madhopur

4.3. New schemes

4.3.1. New schemes proposed in **Revenue** includes the following works:

- r. **Training programmes** on a few functional requirements such as Taxidermy, Museum guidance (Education), Museum programmes for Persons for disabilities, NHM fabrication, etc. These are essential because Museum development is a skilled job which needs updating with the latest trends in techniques of communication, exhibition, collection etc so as to take advantage in the strides in Science & technology leading to better public service through latest educational and exhibition methods. Tentative budget during the 12th FYP: Rs 1 crore
- s. **National level projects on thrust areas** such as Museum Social Inclusion, Intangible Natural Heritage etc. These thrust areas have been evolved over the last few years either on account of change in international museum movement and/ or increased expectations of public for educational entertainment (edutainment) in the face of competitions from leisure/ entertainment industries. Tentative budget during the 12th FYP: 5 crores
- t. **International professional programmes** with major Natural History Museums from USA and Europe (Bilateral collaboration, Exchange programmes, Training programmes, Seminar, Conferences, Workshops etc). These are important for the NMNH to become leaders in the field of Natural History museum movement in the country as well as outside. Tentative budget during the 12th FYP: Rs 1 crore
- u. **Outreach/ extension programmes on Environmental Education through Traveling Exhibitions** in various Regions of India. The increased demand by public as well as from elected Representatives to have more programmes in various areas/ regions of India cannot be met with by the NMNH which has only 3 RMNH which are functional and 2 RMNH which are being established. Therefore geographical extension of the function of the NMNH through the RMNH can be increased through various Travelling Exhibitions which will move from one place to another over a period of time. At least 5 such Travelling Exhibitions are proposed. Tentative budget during the 12th FYP: 5 crores
- v. **Research programmes:** Since the research component at present is very low, and as suggested by the CAG report, it is proposed to have research projects on Museology and Natural History consonant with the objectives of the Museum by initiating Research projects by employing Research staff (JRF, SRF, Research Associates etc) on the lines of MoEF, CSIR, ICAR, UGC etc. Tentative budget during the 12th FYP: Rs 5 crores

- w. **Outdoor Exhibits (Sensory Garden):** Sensory garden developed in Mysore is very useful and popular with the Specially challenged children. In the same line a similar type of Sensory garden will be developed in Bhopal. Tentative budget during the 12th FYP: 25lacs.
- x. **New Gallery:** Mysore has got two galleries and Bhopal has got one Gallery. During the five year plan it is propose to open one gallery each in Mysore and Bhopal .Tentative budget during the 12th FYP: 75 lacs.

4.3.2. New schemes proposed in **Capital** head includes the following works:

- y. **RMNH:** Construction of building of RMNH Gangtok: Tentative budget during the 12th FYP: Rs 56.65 crores
- z. **NMNH:** Acquisition of land, approval of SFC and construction of new HQ. The SFC for the new NMNH. Tentative budget during the 12th FYP: Rs 100 crores

Summary Budget estimate for New Schemes during the 12th FYP (Rs crores)

Sl. No.	Budget head	New Schemes/ Work	Amount tentative (Rs Crores)	
1	Revenue			017.00
	1.1	Training programmes	001.00	
	1.2	National level programmes on thrust areas	005.00	
	1.3	International professional programmes	001.00	
	1.4	Outreach/ Extension programmes through travelling Exhibitions	005.00	
	1.5	Research programmes	005.00	
2	Capital			156.65
	2.1	SFC for new NMNH HQ	100.00	
	2.2	RMNH Gangtok	056.65	
	Total			173.65