

ACTIVITY REPORT

2016 - 2017

Birla Industrial & Technological Museum
&
Shrikrishna Science Centre, Patna
Regional Science Centre, Bhubaneswar
North Bengal Science Centre, Siliguri
Digha Science Centre & National Science Camp
District Science Centre, Purulia
Bardhaman Science Centre
Dhenkanal Science Centre
Kapilas Science Park

With best compliments from

Shri A.S. Manekar

Director General
National Council of Science Museums

Sk. E. Islam

Director
Birla Industrial & Technological Museum

Birla Industrial & Technological Museum
(National Council of Science Museums, Ministry of Culture, Govt. of India)
19A, Gurusaday Road, Kolkata - 700 019
Phone - 2287 7241/42/43, 9477345290/1/2
Email: director@bitm.gov.in, website: www.bitm.gov.in
Facebook - www.facebook.com/bitm.kolkata

Contents

Particulars	Page No.
General Information	4
Mobile Science Exhibition	8
Visitors to Museum/Centre	8
Existing Galleries	9
New Facilities	10
Inauguration of Exhibitions	10
Participation in Mega Exhibitions	11
Special Events	12
Innovation Hub Activities	14
Visit of Foreign Students/Dignitaries/Experts	15
Collaborative Programmes	15
Science Drama	18
Science Park	20
Mobile Science Exhibition	20
Science Demonstration Lecture	21
Exhibits Developed	21
Science Education	22
Popular Lectures	23
Regular Public Demonstration	28
Science Seminar	29
Training	29
Science Fair	31
Science Camps	32
Creative Ability Centre	32
Observance of Important Days	33
Library Holding	40
Staff Strength	40
Personnel	41
Expenditure	43
Yearwise comparison of visitors' footfall	44

Message

Greetings from BITM!

BITM and its satellite units had an eventful year during 2016-17 with each unit adding some new facilities for the benefit of students and general public.

Srikrishna Science Centre, Patna added a new wing with a number of new facilities: Innovation Hub, Space & Astronomy Centre and a gallery on 'Fun Science'. Digha Science Centre inaugurated a new 'Space & Astronomy Centre' and also a new 3D Film. NBSC Siliguri inaugurated a new gallery on 'Light, Mirrors and Images', introduced a new 3D show and renovated the half bust statues of Indian scientists in its science park. BITM launched a new 3D Film, Dhenkanal Science Centre and Kapilas Science Park added new exhibits, DSC, Purulia had a new gallery on 'Life Science' with a Bio-lab and a new 3D Film.

Besides adding these new facilities, BITM & satellite units also hosted travelling exhibitions on various scientific topics such as, "Light Matters", 'Disaster: preparing for the worst', 'Land of Inventor: Germany' and 'Planet under Pressure'.

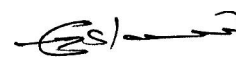
To spread scientific temper among rural masses, eight Mobile Science Exhibition (MSE) Buses run by BITM and satellite units covered a large number of rural population by visiting and holding various programmes in the schools in such areas. They also participated in 'Grameen Melas' with science exhibits and shows where people in thousands thronged to admire the marvels of science.

During the year, 137 popular science lectures were held in BITM and its units which enriched the participating students and members of the general public. Some scientists/experts from outside India also interacted with the students. Two national level events, namely, National Science Film Festival 2017 and a national symposium on 'Nanotechnology: From Materials to Medicines' were hosted by BITM involving experts from all over the country.

Apart from the regular activities, BITM and its units organized trainings, workshops, science and nature camps etc. A number of collaborative programmes were also held in BITM & its units jointly with different NGOs, Embassies, Govt. Departments and Industry Houses.

BITM innovation Hub helped students to carry out a number of highly commendable science projects during the year.

In short, 2016-17 saw BITM & units reach new heights in providing quality educational service to the people they serve and raised the bar for the coming years.



E. Islam
Director

Birla Industrial & Technological Museum



General Information

1. Birla Industrial & Technological Museum

- i. Name of Head of Museum : Sk. E. Islam, Director
ii. Full Address : 19A, Gurusaday Road, Kolkata - 700019
iii. Phone No and : 033 2287 7241, 2287 7242, 2287 7243, 9477345291/2, iv. Fax : 22870233
v. Email : director@bitm.gov.in vi. Website:www.bitm.gov.in
vii. Hours of opening : 10 am to 5:30 pm
viii. Closed to visitors on : Doljatra and Kalipuja
ix. Entry Fee :

a) Museum Entry

- i. General Visitors - Rs.40.00 per head
ii. 25 or more Visitors in a group - Rs.25.00 per head
iii. Students in Groups - Rs.20.00 per head
iv. Govt. School Students in Group - Rs.10.00 per head

b) Taramandal Show

- i. General Visitors & Students - Rs. 10.00 per head,
ii. Govt. School Students in Group - Rs.5.00 per head

c) Coal Mine Show

- i. General Visitor - Rs. 15.00 per head,
ii. 25 or more Visitors in a group : - Rs.10.00 per head
iii. School Group - Rs. 5.00 per head

d) 3D show

- i. General Visitors- Rs. 25.00 per head
ii. 25 or more Visitors in a group : - Rs.20.00 per head
iii. School Group - Rs. 20.00 per head,
iv. Govt. School Students in Group - Rs.10.00 per head

e) Science Show

- i. General Visitors & Students - Rs. 10.00 per head
ii. Govt. School Students in Group - Rs.5.00 per head

- x. Inaugurated on : 2nd May 1959
xii. Floor Area in Sq. mtrs.: 10351.95

f) Package Rate Tickets

(includes one science show + 3D show + coal mine show + visit to all galleries + Chromakey shows in TV + show in Spark Theatre + Math demo in Mathematics Gallery

- i. General Visitors- Rs. 60.00 per head
ii. 25 or more Visitors in a group : - Rs.50.00 per head
iii. School Group - Rs. 30.00 per head,
iv. Govt. School Students in Group - Rs.15.00 per head

2. . RSC, Bhubaneswar

- i. Name of Head of Centre : Smt. Archana Khosla, Project Coordinator
ii. Full Address : Pt. J. L. Nehru Marg, Bhubaneswar - 751 013, Odisha
iii. STD Code with Phone No : 0674 2542795, 2541435
iv. Email: rscbbsr@yahoo.com, rscbbsr@rediffmail.com
v. Website : www.rscbhubaneswar.org
vi. Hours of opening : Mondays 10 am to 5:30 pm. Other days 10:30 am to 7 pm (April to June) and 10:30 am to 6 pm (July to March)
vii. Closed to visitors on : Holi & Diwali
viii. Entry Fee :

a) Centre Entry

- i. General Visitors - Rs.20.00 per head
ii. 25 or more Visitors in a group - Rs.15.00 per head
iii. Students in Groups - Rs.10.00 per head
iv. Govt. School Students in Group - Rs.5.00 per head

b) Jurassic Park

- i. General Visitors - Rs. 20.00 per head
ii. 25 or more in a group - Rs. 15.00 per head
iii. Students in Groups - Rs.10.00 per head
iv. Govt. School Students in Group - Rs.5.00 per head

c) Taramandal Show

- i. General Visitors & Students : Rs 10.00 per head
ii. Govt. School Students in Group - Rs.5.00 per head

2. RSC, Bhubaneswar (Contd.)

d) Science Show

- i. General Visitors & Students - Rs 10.00 per head
- ii. Govt. School Students in Group - Rs.5.00 per head

e) 3D Show

- i. General Visitors - Rs. 20.00 per head
- ii. 25 or more Visitors in a group - Rs. 15.00 per head
- iii. Students in Groups - Rs. 10.00 per head
- iv. Govt. School Students in Group - Rs. 5.00 per head

viii. Inaugurated on :

18th Sept 1989

ix. Floor Area in Sq. mtrs:

4307.79

3. SSC, Patna

i. Name of Head of Centre :

Shri Amitabh, Project Coordinator

ii. Full Address :

West Gandhi Maidan, Patna - 800001

iii. STD Code with Phone No :

0612 2206992

iv. Email :

vigyankendrapatna@gmail.com

v. Website :

<http://www.sksciencecentre.org/>

vi. Hours of opening :

10:30 am to 6 pm

vii. Closed to visitors on :

Holi & Diwali

viii. Entry Fee :

a) Centre Entry

- i. General Visitors - Rs. 20.00 per head
- ii. 25 or more Visitors in a group - Rs. 15.00 per head
- iii. Students in Groups - Rs. 10.00 per head
- iv. Govt. School Students in Group - Rs. 5.00 per head

b) Taramandal Show

- i. General Visitors & Students in group - Rs. 10.00 per head
- ii. Govt. School Students in Group - Rs. 5.00 per head

c) Science Show

- i. General Visitors & Students in group - Rs. 10.00 per head
- ii. Govt. School Students in Group - Rs. 5.00 per head

d) 3D Show

- i. General Visitor - Rs. 20.00 per head
- ii. 25 or more Visitors in a group - Rs. 15.00 per head
- iii. School Group - Rs. 10.00 per head
- iv. Govt. School Students in Group - Rs. 5.00 per head

ix. Inaugurated on :

14th April 1978

x. Floor Area in Sq. mtrs :

5000.69

4. DSC, Purulia

i. Name of Head of Centre :

Shri Ritabrata Biswas, Project Coordinator

ii. Full Address :

North Lake Road, Purulia - 723101

iii. Phone No :

9593383386, 8942836760

iv. Email :

dscpurulia@gmail.com, districtsciencecentrepurulia@gmail.com

v. Hours of opening :

11:30 to 7 pm April to July and 10:30 am to 6 pm August to March

vi. Closed to visitors on :

Doljatra and Kalipuja

vii. Entry Fee :

a) Centre Entry

- i. General Visitors & Students - Rs.10.00 per head
- ii. Govt. School Students in Group - Rs.5.00 per head

b) Taramandal Show

- i. General Visitors - Rs 10.00 per head
- ii. Students in Group - Rs.5.00 per head

c) 3D show

- i. General Visitors - Rs 10.00 per head
- ii. Students in Group - Rs.5.00 per head

d) Science Show

- i. General Visitors - Rs 10.00 per head
- ii. Students in Group - Rs.5.00 per head

e) Royal Museum Tour Package for General Visitors

Entry including all show – Rs. 30.00 per head

DSC, Purulia (Contd.)

viii. Inaugurated on :
ix. Floor Area in Sq. mtrs :

f) Gold Museum Tour Package for General Visitors

Entry including 3D - Rs.15.00 pe head
15th December, 1982

5. Science Centre, Bardhaman

i. Name of Head of Centre :
ii. Full Address :
iii. STD Code with Phone No :
iv. Email :
v. Hours of opening :
vi. Closed to visitors on :
vii. Entry Fee :

Shri Niranjana Gupta, Project Coordinator
Ramna Maidan, Baburbag P.O. Rajbati Dist. Bardhaman - 713104
0342 2657844
mpb_dso@bsnl.in
11 am to 6:30 pm March to Oct., 10:30 am to 6 pm Nov. to February
Doljatra and Kalipuja

a) Centre Entry

i. General Visitors & Students - Rs. 10.00 per head
ii. Govt. School Students in Group - Rs. 5.00 per head

b) Taramandal Show

i. General Visitors - Rs. 10.00 per head
ii. Students in Group - Rs. 5.00 per head

c) 3D show

i. General Visitors and students- Rs. 10.00 per head
ii. Govt. School Students in group- Rs. 5.00 per head

d) Science Show

i. General Visitors - Rs. 10.00 per head
ii. Students in Group - Rs. 5.00 per head

viii. Inaugurated on :
ix. Floor Area in Sq. mtrs :

9th January 1994
1567.32

6. Dhenkanal Science Centre

i. Name of Head of Centre :
ii. Full Address :
iii. STD Code with Phone No :
iv. Email :
v. Hours of opening :
vi. Closed to visitors on :
vii. Entry Fee :

Shri N.B Sahu, Project Coordinator
Near Rajbati, Dhenkanal- 759001
06762 224155
funsclencedkl@gmail.com
March to October 11:30 am to 7 pm,
November to February 10:30 am to 6:30 pm
Holi & Diwali

a) Centre Entry

i. General Visitors & Students - Rs. 10.00 per head
ii. Govt. School Students in Group - Rs. 5.00 per head

b) Taramandal Show

i. General Visitors - Rs. 10.00 per head
ii. Students in Group - Rs. 5.00 per head

c) 3D show

i. General Visitors - Rs. 10.00 per head
ii. Students in Group - Rs. 5.00 per head

d) Science Show

i. General Visitors - Rs. 10.00 per head
ii. Students in Group - Rs. 5.00 per head

viii. Inaugurated on :
ix. Floor Area in Sq. mtrs :

5th June 1995
1147

7. Kapilas Science Park

i. Name of Head of Centre :
ii. Full Address :
iii. STD Code with Phone No :
iv. Email :
v. Hours of opening :
vi. Closed to visitors on :
vii. Entry Fee :

Shri N.B Sahu, Project Coordinator
P.O. Deogaon, Near Kapilas Zoo, Dist. Dhenkanal- 759016
06762 212544
funsclencedkl@gmail.com

viii. Inaugurated on :
ix. Floor Area:

10 am to 5 pm
Holi & Diwali
i. General Visitors - Rs 10.00 per head
ii. Students in Group - Rs. 5.00 per head
5th June 1995
4.8 acres (Park)

8. NBSC, Siliguri

- i. Name of Head of Centre : Shri Dhruvajyoti Chattopadhyaya, Project Coordinator
ii. Full Address : Post Matigara Siliguri - 734010 Dist. Darjeeling
iii. STD Code with Phone No : 0353 2571229
iv. Email & Website: nbscsiliguri@bsnl.in http://www.nbscsiliguri.org
v. Hours of opening : 10:30 am to 6 pm
vi. Closed to visitors on : Holi & Diwali
vii. Entry Fee :
a) Centre Entry
i. General Visitors - Rs. 15.00 per head
ii. 25 or more Visitors in a group - Rs. 10.00 per head
iii. Students in Groups - Rs. 10.00 per head
iv. Govt. School Students in Group - Rs. 5.00 per head
b) Digital Planetarium
i. General Visitors - Rs. 25.00 per head
ii. 25 or more in a group - Rs. 20.00 per head
iii. Students in Groups - Rs. 15.00 per head
iv. Govt. School Students in Group - Rs. 10.00 per head
c) Taramandal Show
i. General Visitors & Students in a group : Rs. 10.00 per head
ii. Govt. School Students in Group - Rs. 5.00 per head
d) Science Show
i. General Visitors & Students in a group - Rs 10.00 per head
ii. Govt. School Students in Group - Rs. 5.00 per head
e) 3D Show
i. General Visitor - Rs 20.00 per head
ii. 25 or more Visitors in a group - Rs. 15.00 per head
iii. School Group - Rs. 10.00 per head
iv. Govt. School Students in Group - Rs. 5.00 per head
viii. Inaugurated on : 17th Aug 1997
ix. Floor Area in Sq. mtrs: 2598

9. Digha Science Centre & National Science Camp

- i. Name of Head of Centre : Shri Subha Sankar Ghosh, Project Coordinator
ii. Full Address : Fore shore Road, New Digha- 721 463 West Bengal
iii. STD Code with Phone No : 03220 266360
iv. Email : dscdigha@gmail.com
v. Hours of opening: 9 am to 7 pm
vi. Closed to visitors on : Doljatra and Kalipuja
vii. Entry Fee :
a) Centre Entry
i. General Visitors - Rs.15.00 per head
ii. 25 or more Visitors in a group - Rs.10.00 per head
iii. Students in Groups - Rs. 10.00 per head
iv. Govt. School Students in Group - Rs. 5.00 per head
b) Jurassic Park
i. General Visitors - Rs. 15.00 per head
ii. 25 or more in a group - Rs. 10.00 per head
iii. Students in Groups - Rs. 10.00 per head
iv. Govt. School Students in Group - Rs. 5.00 per head
c) Taramandal Show
i. General Visitors & Students in a group - Rs. 10.00 per head
ii. Govt. School Students in Group - Rs.5.00 per head
d) Science Show
i. General Visitors & Students in a group - Rs 10.00 per head
ii. Govt. School Students in Group - Rs. 5.00 per head
e) 3D Show
i. General Visitors- Rs 20.00 per head
ii. 25 or more Visitors in a group - Rs. 15.00 per head
iii. School Group - Rs. 10.00 per head
iv. Govt. School Students in Group - Rs. 5.00 per head
viii. Inaugurated on : 31st Aug 1997
ix. Floor Area in Sq. mtrs : 2589.25



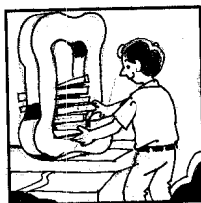
Visitors to Museum/Centre

	BITM Kolkata	RSC, Bhub	SSC, Patna	DSC, Purulia	Sc. Cent. Bardh	Sc. Cent Dhen	N.B.Sc. Cent. Sili	Digha Sc. Cent	Kapilas Sc. Park
School Groups	1,247	480	1,330	371	283	87	689	586	108
Students	92,995	30,869	77,814	41,343	60,158	6,894	39,455	33,053	8,519
Visitors in spl. prog	17,885	63,118	33,064	19,919	16,748	12,970	41,139	3,651	2,710
General visitors	1,20,301	1,13,670	20,6039	1,13,416	1,27,305	25,345	1,86,701	4,79,801	16,329
In-house- Visitors during the year	2,31,181	2,07,657	3,16,971	1,74,678	2,04,211	45,209	2,66,095	5,16,505	27,556
Outreach Visitors including visitors in MSE	5,85,722	2,51,693	-	2,21,590	1,52,384	44,261	1,30,493	-	-
Total Visitors during 2016-17	8,16,903	4,59,350	3,16,971	3,96,268	3,56,595	89,470	3,96,588	5,16,505	27,556
Visitors since inaug.	14382253	52,01,328	67,54,783	76,73,050	34,07,896	-	38,07,682	51,92,260	-



Mobile Science Exhibition

Museum/Centre	Title of the Unit	Museum that developed the unit	No. of Exhibits	Year in which developed
BITM, Kolkata	Heat & Temp.	RSC, Bhub.	20	2010
SSC, Patna	Energy	BITM Kolkata	24	1990
RSC, Bhub	Mathematics	RSC, BBSR	20	2011
	Electricity & Magnetism	RSC, BBSR	24	2012
DSC, Purulia	Popular Science	BITM, Kolkata	24	2012
SC, Bardhaman	Fun Science	BITM, Kolkata	24	2013
N.B.S.C., Siliguri	Hands on Science	BITM, Kolkata	24	2014
SC, Dhenkanal	Popular Science	BITM	24	2012



Existing Galleries

Museum/Centre	Name of the Gallery	Floor Area (Sq. mtr.)	Year of Inauguration	No. of Exhibits
Birla Industrial & Technological Museum, Kolkata	Transport	350	1973 & 2008	94
	Mock-up Coal Mine	475	1983 & 2008	65
	Motive Power Hall 1	475	2001	34
	Biotechnology	189	2003	52
	Metals	360	2003	50
	Motive Power Hall 2	210	1962 & 2005	47
	Fascinating Physics	189	2006	65
	Television	255	2006	67
	Popular Science	210	1964 & 2007	45
	Mathematics	475	2009	45
	Children's gallery	260	1988 & 2010	42
	Electricity	170	1984 & 2015	66
World in Darkness	265	2009	19	
Shrikrishna Science Centre, Patna	Shrikrishna Singh	50	1978	20
	Mirror Image & 3D	462	2010 & 2013	53
	Fun Science	400	2008	63
	Evolution	400	1996	67
	Ocean Gallery, Hall of Activity & Mirror	-	-	-
	Section	260	-	71
	S. K Singh Gallery	50	1978	20
Regional Science Centre, Bhubaneswar	Popular Science	550	2009	60
	Motion	465	2014	39
	Mathematics	465	2006 & 2015	86
District Science Centre, Purulia	Wealth of Purulia	186	2005	31
	Popular Science	186	2010	40
	Children's Gallery	95	2011	20
	Life Science	186	2016	42
Bardhaman Science Centre	Human Performance	450	2002	30
	Life Science & Fun Science	450		23
			2011	14
Dhenkanal Science Centre	Popular Science - I	225	1995	42
	Popular Science - II	225	1995 & 2010	34
	Chemistry Corner	225	1995	07
North Bengal Science Centre, Siliguri	Fun Science	380	2010	37
	Popular Science	380	1997	19
	Life Science & Children's Corner	120	1997	12
	Nature Interpretation	400	2001	17
	Light, Mirrors & Images	380	2017	32
Digha Science Centre	Life Science	247	2006	29
	Reflection	247	2010	30
	Jurassic Park	1666	2009	10
	Fun Science	247	2014	32

NEW FACILITIES

New 3D Show and Half Bust Statue of Indian Scientists at NBSC, Siliguri

NBSC, Siliguri inaugurated a new 3D Film Airy-Fairy & Dangerous Express and also 8 Busts of Renowned Indian Scientists on May 18, 2016.

Gallery 'Light, Mirrors and Images' at NBSC Siliguri

A new gallery 'Light, Mirrors and Images' was inaugurated at NBSC Siliguri on February 17, 2017 by Prof. Somnath Ghosh, Vice-Chancellor, University of North Bengal.

3D Film at BITM

BITM launched a new 3D Film entitled 'The Lost World' on June 18, 2016. Shri Abhijit Mukherjee, MMIC Education, Kolkata Municipal Corporation and Shri Avanindra Singh, Commissioner, Department of School Education, Govt. of West Bengal graced the inaugural function.

Exhibits at DSC, Dhenkanal and Kapilas Science Park

Mr. Pradeep Kumar Sahoo, District Forest Officer, Dhenkanal inaugurated 'Mirror Maze' exhibit in the gallery and 'Perception of Depth' exhibit in the park at DSC, Dhenkanal on June 5, 2016. Park exhibits 'Tug of War' and 'Check Your Weight' was inaugurated on June 5, 2016 at Kapilas Science Park.

Life Science Gallery at DSC, Purulia

A new gallery on 'Life Science' with a Bio-lab was inaugurated by Dr. Mriganka Mahato, MP on July 14, 2016 at DSC, Purulia in the presence of Prof. Dipak Ranjan Mandal, VC, Sidho-Kanho-Birsha University, Purulia and Shri Tanmay Chakrabarty, DM and Collector, Purulia.

3D Film at DSC, Purulia

A new 3D film titled 'Ideal Planet' was inaugurated on October 1, 2016 at DSC, Purulia.

Space & Astronomy Centre at Digha Science Centre

A Space & Astronomy Centre was inaugurated at Digha Science Centre by Shri Sujan Dutta, Executive Officer, Digha Shankarpur Development Authority on February 9, 2017.

3D Film at Digha Science Centre

A new 3D film, 'Dinosaurs: Giants of Patagonia' was inaugurated on August 31, 2016 at Digha Science Centre.

Innovation Hub, Space & Astronomy Centre and a Gallery on 'Fun Science' at SSC, Patna

A new Innovation Hub, Space & Astronomy Centre and a Gallery on 'Fun Science' was thrown open to public at SSC, Patna on October 7, 2016.

New Website for RSC, Bhubaneswar

RSC, Bhubaneswar launched its Website on September 23, 2016

INAUGURATION OF EXHIBITIONS

Exhibition on "Light Matters"

Dr. S. P. Verma, President, Science for Society, Bihar Chapter inaugurated an exhibition on "Light Matters" on May 18, 2016 at SSC, Patna on the occasion of International Museum Day.

Inauguration of Exhibitions (contd.)

Exhibition on 'Disaster: preparing for the worst'

* Shri Ramnath Kovind, Governor of Bihar inaugurated the temporary exhibition 'Disaster: preparing for the worst' at Shrikrishna Science Centre on October 21, 2016.

* The exhibition - Disaster- Preparing for the Worst was inaugurated on February 28, 2017 at NBSC, Siliguri.

Exhibition 'Land of Inventor: Germany'

BITM organized an exhibition 'Land of Inventor: Germany', in collaboration with Goethe Institute from January 8 to 18, 2017. There were seven segments, namely, Optics, Medicine, Communication, Material, Energy, Mobility and Information Technology. 18 schools visited with 1926 students.

Exhibition 'Planet Under Pressure'

A Travelling Exhibition 'Planet under Pressure' was inaugurated at BITM on March 1, 2017.

PARTICIPATION IN MEGA EXHIBITIONS

* Breakthrough Science Society and BITM organized a Fun Science Show at Govt. Sponsored Multipurpose School for Boys (Taki House), Sealdah on July 17, 2016.

* BITM participated in the 20th National Exhibition organized by Central Calcutta Science & Culture Organization for Youth from August 10 to 14, 2016 at Surer Math, Dum Dum, Kolkata.

* BITM participated in 27th Sonarpur Book Fair at Sonarpur Rail Quarter Park, Dist 24 Parganas with a Mobile Science Exhibition on Heat & Temperature from December 9 to 18, 2016.

* BITM participated in the Konnagar Book Fair organized by Konnagar Municipality from December 14 to 18, 2016 with a Mobile Science Exhibition on 'Digital India'.

* BITM participated in the 12th Jatiya Sanghati Utsav – O – Bharat Mela, 2016 with a panel exhibition on 'Heritage of India' and some Fun Science exhibits at Simurali Agragami Playground, Sonarpur 24 Parganas (S) from December 14 to 18, 2016.

* West Bengal State Student Youth Science Fair 2016-17 was organized by BITM and Dept. of Youth Services, Govt. of West Bengal from February 15 to 17, 2017 at Netaji Indoor Stadium. Kolkata.

* BITM participated with a Fun Science Show in the National Children's Science Congress held at Kendriya Vidyalaya Ballygunge on November 30, 2016

* BITM participated in the National level competition of World Robot Olympiad 2016 at Netaji Indoor Stadium, Kolkata on Sunday, October 23, 2016. The team from Innovation Hub, BITM represented India in the WRO International Competition held at New Delhi from November 25 to 27, 2016.

* BITM participated in the Naihati Utsav from December 24 to 31, 2016 with Fun Science Exhibits.

* Members of Innovation Hub, BITM participated with their projects in the 'Innovation Festival 2017' held at Science City from January 27 to 29, 2017.

* RSC, Bhubaneswar participated in National Children's Festival 'Anjali' organised by Swabhiman for differently abled children from November 15 to 18, 2016 at Adivasi Ground, Bhubaneswar. Kit Making Workshop was organised on Physics & Electronics for 25 students.

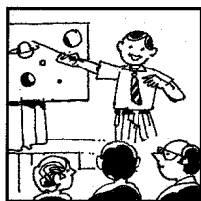
Participation in Mega Exhibition Contd.

* RSC, Bhubaneswar participated in State Level Shishu Mahotsava "SURAVI"-2016 organised by Odisha Primary Education Programme Authority from November 14 to 16, 2016 at Govt. Boys High School, Bhubaneswar with a Mobile Science Exhibition on 'Electricity and Magnetism' and a demonstrations on Liquid Nitrogen. Around 1500 students and general public witnessed.

* District Science Centre, Purulia participated in 'Gyan O Bignan Mela' on August 28 and 29, 2016 on invitation from RMSA, Purulia

* District Science Centre, Purulia participated in Bishnupur Mela from December, 2016 23 to 27, 2016

* NBSC participated SABALA MELA-2016 at Dinhata, Dist. Coochbehar from December 16 to 22, 2016. During the Mela, Mobile Science Exhibition, Science Film Show and Science Demonstration Lecture were organized.



Special Events

*** National Science Film Festival**

NSFF 2017 was organised by Vigyan Prasar, DST, Govt. of India and NCSM, Ministry of Culture, Govt. of India from February 14 to 18, 2017 at BITM. The Festival was inaugurated by Shri Keshari Nath Tripathi, Governor of West Bengal on February 14, 2017 in the presence of Shri Goutam Ghose, Noted Film Maker. Shri Madhur Bhandarkar, was the Chief Guest in Award Ceremony. 67 films were shown. 187 film makers, producers & directors participated. There were workshops on Film Editing and Panel Discussions. 266 students from 8 schools enjoyed.

*** Transit of Mercury**

BITM, NBSC Siliguri, RSC Bhubaneswar, Digha Science Center and DSC Purulia observed Transit of Mercury on May 9, 2016 through telescope and also through webcast with feed available from NASA. Lecture, Quiz and distribution of write-up on eclipse were arranged.

*** Observation of Super Moon**

A special Night Sky Observation was organized on November 14, 2016 to observe the Super Moon event at DSC, Purulia and RSC, Bhubaneswar.

*** Programme for Hearing Impaired**

RSC, Bhubaneswar organized programmes at BBC School of Deaf for hearing impaired students and at Bhima Bhoi School for blind students on February 7, 2017. They were Painting Competition, Model Making Workshop and Quiz. 150 students participated.

*** Nature Study camp**

A Nature Study camp on 'Marine Biodiversity' was organized with WWF, Kolkata from December 15 to 17, 2016 at Digha Science Centre. Students were exposed to field study at beaches of Digha and Tajpur. Experts were from Marine Aquarium & Research Centre and WWF. 60 students and 5 teachers took part. Another such camp was organized from January 17 to 19, 2017 at the beaches of Digha and Talsari. 40 students, 5 teacher took part.

Special Event Contd.

* Programme for Children of Jail Inmates

RSC, Bhubaneswar organized Science Demo and Sky Observation for children of jail inmates at Madhurmayee Adarsha Shiksha Niketan, Bhubaneswar on April 9, 2016. 96 children took part.

* Programme for Children of Jail Inmates

RSC, Bhubaneswar organized Science Demo and Sky Observation for children of jail inmates at Madhurmayee Adarsha Shiksha Niketan, Bhubaneswar on April 9, 2016. 96 children took part.

* Examination of NSEA and NSEJS

The preliminary tests for National Selection Examination in Junior Science and National Selection Examination in Astronomy were conducted at NBSC on November 20 and 27, 2016 respectively. 27 in NSEJS and 49 students in NSEA enrolled.

* Residential Science Camp

A three day residential science camp was organized at Digha Science Centre for Lake Town Govt. Sponsored School from January 6 to 8, 2017 in collaboration with AARANYA, a NGO and Marine Aquarium & Research Centre. 89 students, 5 teacher took part.

* Biotechnology Boot Camps

3 Biotechnology Camps were held at Digha Science Centre during August 26 to 28, September 23 to 25, 2016 and January 23 to 25, 2017. 134 college and university students took part under guidance of Dr. Purnaysloke Bhadhury, Professor, IISER, Kolkata.

* Career Counseling Workshop

Digha Science Centre organized a Career Counseling Workshop on June 13, 2016 by Prof. Suprakash Roy, Dept. of Technical Education & Training, Govt. of WB and Shri Amiya Kumar Kalidaha, Sr. Scientific Officer, DST, Govt. of West Bengal. 28 students took part.

* 'Science is Fun' for school students

Bardhaman Science Centre and District Committee of Science Awareness Promotion & innovation inaugurated a Block Level Programme – 'Science is Fun' for school students on July 19, 2016. Dr. Asish Banerjee, Minister, DST, Govt of WB inaugurated in presence of Shri Arvind Kumar Meena, IAS Jt. Secretary, DST, Govt of WB and Shri Nikhil Nirmal, IAS ADM (G), Burdwan. The programme was held for 93 days 31 blocks of Burdwan. Sponsor - DST, Govt. of West Bengal. Again, a 4 day residential workshop 'Science is Fun' from September 14 to 17, 2016 was held in collaboration with SSM, Burdwan. 40 students along with 4 teachers participated. 360 working models were prepared.

* Workshop on on Water Quality

Bardhaman Science Centre organized a workshop titled 'Water Quality Analysis - Techniques & Methods' from June 2 to 4, 2016. 63 student participated. Parameters like Ph, turbidity, DO, Zooplankton, Phytoplankton, Heavy Metals etc. were analyzed.

* Workshop on Safety Procedure for Just Born Babies

Bardhaman Science Centre organized a workshop on 'Navajaat Shishu Suraksha Karyakram' in collaboration with Dept. of Family Welfare, Govt. of West Bengal from November 8 to 17, 2016. 67 Nurses, 11 Medical Officers and 78 Anganwadi staffs participated.

Special Events Contd.

*** Soiless Plant Culture Workshop**

Bardhaman Science Centre organized a Soiless Plant Culture Workshop from December 19 to 24, 2016 in collaboration with District Committee for SAPI, Burdwan and DST, Govt. of West Bengal. Md. Javed Alam, Hydroponics man of India was the resource person.

*** Programme for specially able Children**

Bardhaman Science Centre organized Science Awareness Programme for specially able Children December 20 to 23, 2016. 431 children participated.

*** Training on 'Animal Bite Management', 'Rabies' and Silicosis Awareness Programme**

Bardhaman Science Centre in collaboration with CMOH office, Dept. of Health & Family welfare organized a training programme on 'Animal Bite Management' & 'Rabies - Post Exposure Prophylaxis' on September 2, 2016. 177 medical students participated. Another sensitization programme on Silicosis was on 23 September, 2016. 183 medical professional participated.

Innovation Hub Activities

* Innovation Hub, BITM organized an 'Orientation Session' for the participants of the World Robot Olympiad™ (WRO) 2016 on April 11 & 13, 2016. 36 students for 4 school took part.

* BITM participated in the National Championship of WRO 2016, organized in collaboration with India STEM Foundation, DST, Govt. of India and NCSM at Netaji Indoor Stadium, Kolkata on October 23, 2016. BITM, Innovation Hub got the 2nd Position in Open Junior High Category.

* BITM organized Rotary Innovation Festival on June 11, 2016 in collaboration with Rotary Club of Calcutta South West & Indian Chamber of Commerce. 160 students from 9 colleges and 15 schools took part with 24 projects.

* Dhenkanal Science Centre organized an Innovation Festival on February 28, 2017. 20 working models on 'Science and Mathematics for Nation building' were show-cased.

* An Innovation Festival was held at Bardhaman Science Centre on February 21 & 22, 2017. Members of Innovation Hub of Bardhaman Science Centre and five other Institutes participated. Dr. Soumitra Mohan, DM

* Burdwan awarded prizes and certificates to the participants. 736 students along with 27 teachers visited.

* An Innovation Festival was arranged in the Innovation Hub SSC, Patna on November 10, 2016. 79 students displayed their projects.

* Shrikrishna Science Centre, Patna organized 'Innovation Festival' during January 19 & 20, 2017. 50 innovators with 35 projects from different schools, colleges participated. Prof (Dr) R. K. Verma, Pro-VC of Patna University inaugurated.

Visit of Foreign Students/Dignitaries/Experts

- * 10 students from St. Olave's Grammar school, Kent, UK and their Headmaster, Mr. Aydin Onac, visited BITM under the British Council's Connecting Classroom Partnership Programme on July 11, 2016.
- * 17 students and accompanying faculty members from Chabot Space and Science Centre, Oakland, CA, USA visited BITM on April 2, 2016.
- * As part of the 40th Know India Programme, 40 NRI students visited BITM on December 30, 2016. The tour was organized by Ministry of External Affairs, New Delhi.
- * Shri Swapan Kumar Roy, DG, National Museum of Science & Technology, Dhaka visited BITM on August 23 and Digha Science Centre on August 25, 2016 under Cultural Exchange Programme between Bangladesh and India.

Workshop on Visitor Studies and Evaluation

A Workshop entitled 'Visitor Studies & Evaluation' was presented by Ms Wendy Smith Meluch, Founder member of Visitorstudies.com USA on July 29 & 30, 2016 at BITM Kolkata. 23 participants took part from Science City, BITM, NCSM, Indian Museum, Victoria Memorial, Museology Dept. of CU, Gandhi Memorial Museum, RSC, Guwahati and Sister Nivedita Museum.



Collaborative Programmes

BITM, Kolkata

- * A national Symposium on 'Nanotechnology : from materials to medicines and their social impact' was jointly organized by Centre for Interdisciplinary Research and Education, West Bengal Academy of Science & Technology, Adamas University and BITM on March 25, 2017.
- * 'Learning Systems' and BITM became partners for Screening of documentary on 'Sarovar' – an effort to save this fascinating water body of South Kolkata at BITM on April 10, 2016.
- * A Presentation of Teaching Aids through power point on Environmental Issues was jointly organized by Bichitra Pathshala and BITM on April 22, 2016.
- * A DST-INSPIRE Internship Science Camp was held on May 19, 2016 in collaboration with JBNSTS at BITM.
- * BITM observed World Environment Day in collaboration with South Asian Forum for Environment on June 5, 2016
- * BITM organized Rotary Innovation Festival on June 11, 2016 in collaboration with Rotary Club of Calcutta South West & Indian Chamber of Commerce.
- * Breakthrough Science Society and BITM organized a Fun Science Show at Govt. Sponsored Multipurpose School for Boys (Taki House), Sealdah on July 17, 2016.
- * BITM observed 156th Birth Anniversary of Acharya Prafulla Chandra Ray on August 02, 2016 at BITM in collaboration with Acharya Prafulla Chandra Sammilani.

Collaborative Programme Contd.

- * BITM in collaboration with Song and Drama Division, Ministry of IB, Govt. of India presented a cultural programme on Independence Day on August 15, 2016
- * A mentoring camp for school students who are the aspirants of INSPIRE Award was organized at BITM Innovation Hub on September 17, 22 & 24, 2016 in collaboration with Dept. of School Education, Govt. of West Bengal and the Science Communicators' Forum.
- * A Science Film festival was organized at BITM from September 14 to October 06, 2016. The films are obtained from Vigyan Prasar, Dept. of Science & Technology, Govt. of India.
- * Swachh Bharat Pakhwada was organized at BITM from September 15 to 30, 2016 in collaboration with Song & Drama Division, Govt. of India.
- * BITM organized the West Bengal State Level Students Science Seminar 2016 on 'Pulses for Sustainable Food Security: Prospects & Challenges' in collaboration with Dept. of Youth Services, Govt. of West Bengal on September 6, 2016.
- * More than 1000 students from all over India participated with over 250 Robot models at Netaji Indoor Stadium, Kolkata on Sunday, October 23, 2016 in the National Championship of WRO 2016 which was conducted in collaboration with India STEM Foundation, DST, Govt. of India and NCSM.
- * BITM observed International Science Centre and Science Museum Day on November 10, 2016 in collaboration with Food and Nutrition Board, Govt. of India, South Asian Forum for Environment and Education Dept., Kolkata Municipal Corporation, Govt. of West Bengal.
- * BITM organized a Work-from-School Essay Writing Competition for students 'Impact of Chemistry on Indian History' on the 175th anniversary of Royal Society of Chemistry.
- * INTACH Kolkata Chapter visited BITM with the underprivileged young boys and girls from Maya Foundation & Bijoygarh Residential School on September 25, 2016.
- * Royal Society of Chemistry, Eastern India Section and BITM organized the 18th Niroprova Memorial Lecture on 'Freshwater Scarcity' by Prof. Dipankar Chakraborti, Dept. of Environmental Sciences, Jadavpur University and Poster Drawing Competition on 'Water Water everywhere, not a drop to drink' at BITM on November 30, 2016.
- * Kolkata District Science Fair 2016 was held at BITM on December 22 & 23, 2016 in collaboration with Dept. of Youth Services, Govt. of West Bengal
- * BITM organized an exhibition, Land of Inventor: Germany, in collaboration with Goethe Institute from January 8 to January 18, 2017.
- * The Photographic Association of Dum Dum and BITM organized the 11th International Photographic Exhibition cum Workshop and Conference from January 21 to 27, 2017.
- * BITM organized the 42nd Eastern India Science Fair and the 16th Engineering Fair simultaneously from 10 to 14 January 2017. The Fair was supported by P.C. Chandra Jewellers, Kesoram Industries Ltd. and Titagarh Wagons Ltd.
- * Seminar on 'Indian Contributions in Mathematical Sciences' was held at BITM in collaboration with Institute of Science, Education and Culture, Kolkata on February 25, 2017. The seminar was a tribute to Late Professor Shyamadas Mukhopadhyay, the eminent Professor and Geometer of Calcutta University on his 150th Birth Anniversary.

BITM, Kolkata (Contd)

- * BITM and Turning point, an NGO organised a symposium on Mental Health at BITM from January 28 to 30, 2017.
- * NSFF 2017 was organised by Vigyan Prasar, DST, Govt. of India and NCSM, Ministry of Culture, Govt. of India from February 14 to 18, 2017 at BITM
- * West Bengal State Student Youth Science Fair 2016-17 was organized by BITM and Dept. of Youth Services, Govt. of WB from February 15 to 17, 2017 in Netaji Indoor Stadium, Kolkata.
- * Science Camps, for JBNSTS scholarship winning students, were organized at BITM from February 8, to 23, 2017.
- * BITM and Society for Audio-visual Study of Life and Environment organized the '29th Festival of Colour Transparency' on March 18 and 19, 2017.

RSC Bhubaneswar

- * MSE Programme was jointly organised with TE & SCERT Odisha in 34 sites in the districts of Sundargarh, Bargarh and Boudh during the year 2016-2017.
- * MSE Programme was jointly organised with Odisha Primary Education Programme Authority (OPEPA) from November 14 to 16, 2016 during State Level Shishu Mahotsava SURAVI-2016.
- * Regional Science Centre, Bhubaneswar celebrated 67th State Level Vanamahotsava in collaboration with Nandankanan Biological Park, Bhubaneswar on June 28, 2016.
- * A Teachers Training Programme was jointly organised with Helen O' Grady International for Primary & Pre Primary Teachers and Principals of schools on July 30, 2016 .
- * State Level Science Drama Competition was jointly organised with Directorate of TE & SCERT, Odisha on 19.8.2016 at the Centre.
- * State Level Science Seminar on 'Pulses for Sustainable Food Security: Prospects and Challenges' was jointly organised with TE & SCERT, Odisha on August 25, 2016 at the Centre.
- * State Science Quiz was jointly organised with TE & SCERT Odisha on October 18 & 19, 2016.
- * State Level Science Exhibition was jointly organised with Science & Technology Deptt., Govt. of Odisha on December 13, 2016.
- * National Science Day was celebrated jointly with The Times of India on February 28, 2016.

District Science Centre, Purulia

- * Science Awareness Camp with Breakthrough Science Society, Purulia
- * World AIDS Day 2016 was observed with Zilla Swasthya Bhaban, Dept. of Health & Family Welfare, Govt. of West Bengal
- * World Tuberculosis Day 2017 was observed with Zilla Swasthya Bhaban, Dept. of Health & Family Welfare, Govt. of West Bengal
- * DSC, Purulia screened best films of 6th National Science Film Festival with Vigyan Prasar.

Shrikrishna Science Centre, Patna

- * SSC, Patna organised 24th State Level Children's Science Congress 2016, Patna district chapter in collaboration with Science for Society, Bihar, SCERT and BCST, Bihar on October 2, 2016.

Collaborative Programme Contd.

* The Bihar State Level Drama Competition organised on July 15, 2016 at SSC, Patna in collaboration with SCERT, Bihar.

North Bengal Science Centre, Siliguri

* Mobile Science Exhibition in two districts, Darjeeling and Uttar Dinajpur were organized in collaboration with Petroleum Conservation and Research Association.

* National Mathematics Day was organised in assistance with Raj Kishore Bose Mathematical Society.

Bardhaman Science Centre

* National Rabies Control Programme jointly with CMOH office, Dept. of Health & Family Welfare, Burdwan

* Workshop on Science Model / Project titled 'Science is Fun' with SSM, Burdwan.

* Sensitization prog. on Silicosis with CMOH, Dept. of Health & Family Welfare, Govt. of WB

* Workshop on 'Navajaat Shishu Suraksha Karyakram' with Family Welfare Samity, Gov. of W B

* Workshop on 'Soilless Plant Culture' and Robotics workshop in collaboration with District Committee for Science Awareness, Promotion & Innovation, Burdwan.

Digha Science Centre

* World Heart Day was celebrated with Rotary Club of Contai and CIPLA Pharmaceuticals

* TTP in collaboration with National Anveshika Network of India (NANI), a unit of IAPT

* A Nature Study camp on "Marine Biodiversity" was organized with WWF, Kolkata

* A three day residential Science Camp for students was organized with AARANYA, a NGO.

* A Nature Study camp on "Marine Biodiversity" was organized with WWF, Kolkata.

Dhenkanal Science Centre

* World Environment Day and World Forestry Day was organized with Div. Forest Office, Dhenkanal.

* Zonal Level Science Drama Competition, District Level Science Seminar and Teachers' Training Programme with District Education Officer, Dhenkanal.



Science Drama

Eastern India Science Drama

* The Eastern India Science Drama Competition 2016 was held at BITM on August 19, 2016. West Bengal, Orissa, Jharkhand, Bihar and Sikkim participated. Mr. Craig Hall, Consul General of USA in Kolkata and Smt. Usha Ganguli, eminent theatre personality were present. Winner was Banimandir Rly. H.S. School, Siliguri, West Bengal. Audience – 200.

Science Drama (Contd.)

District Level Science Drama

* 14 school teams participated in the Kolkata District Science Drama held at BITM on July 19, 2016. The winner was Dum Dum Kishore Bharati and the runner up - Taki House Govt. Sponsored Multipurpose School for Boys.

* NBSC, Siliguri organized the Unit Level Science Drama Competition on July 15, 2016. Shri Debashis Mukherjee, Asst. Station Director, AIR, Siliguri inaugurated. 5 dramas were presented by schools teams.

* DSC, Purulia organized the District Level Science Drama Competition 2016 on July 21, 2016. 4 teams participated. Pathamandir, Purulia was the winner. Audience - 180 students.

* Dhenkanal Science Centre, in collaboration with DEO Dhenkanal, organized Science Drama Competition on August 2, 2016. 70 participants selected from 6 districts presented their plays.

* District Level Science Drama Contest was organized at Digha Science Centre on July 13 & 14, 2016. 13 schools participated. Dramas presented by Mahishadal Gayeswari Girls' High School and Joynagar High School was adjudged winner & Runner-up. 246 visitors witnessed.

* Bardhaman Science Centre has organized the District level Science Drama Competition on July 20, 2016 in which 5 School teams participated. 193 students enjoyed. Shri Lalit Konar, Principal, Burdwan Drama College, Dr. Shib Sankar Chakraborty, Professor, Asansol B.B. College and Dr. Indradev Mishra, Rajbhasha, Coordinator TOLIC, Burdwan were also present.

State Level Science Drama

* Shrikrishna Science Centre, Patna organized State Level Drama Competition on July 15, 2016 in collaboration with SCERT, Bihar. 9 teams participated. S.S. Girls High School, Jamui won.

* RSC, Bhubaneswar organized State Level Students' Science Drama Competition on August 6, 2016 in collaboration with TE & SCERT, Bhubaneswar. 5 teams comprising of 40 students staged their dramas. Visitors - 160.

* West Bengal Science Drama Competition 2016-17 was held at BITM on 26 July, 2016. 8 teams participated. Banimandir Rly. H.S. School, Siliguri won the competition. Audience – 210.



Science Park

Museum/Centre	Area	No. of Exhibits	Date of Inauguration
SSC, Patna	1 acre	46	1979, 2002 and 2010
RSC, Bhubaneswar	5 Acre	57	Prehistoric Life Park 2002
DSC, Purulia	1 Acre	41	1977
Science Centre Bardhaman	3 Acre	46	1992
Digha Science Centre	1.7 Acre	30	1997
N.B.S.C. Siliguri	4.6 acres	25	1997
Science Centre Dhenkanal	4.25 Acres	34	1995
Science Park Kapilas	4.8 Acres	49	1995



Mobile Science Exhibition

Museum/Centre	Theme of the Exhibit	No. of Exhibition Sites	No. of Exhibition days	No. of Film Shows	No. of visitors in film shows	No. of visitors in exhibitions	Km. Travelled
BITM, Kolkata	Heat & Temperature	63	154	90	50,384	3,57,288	1,591
SSC, Patna	Energy	-	-	-	-	-	-
DSC, Purulia	Popular Science	46	118	30	45,042	1,76,548	1,531
RSC, Bhub	Mathematics' & 'Electricity & Magnetism'	55	165	55	51,895	2,03,917	633
Bardh. Sc. Cent.	Fun Science	46	134	45	36,782	84,666	1,949
NBSC, Siliguri	Hands on Science	45	93	55	18,050	1,08,353	2,223
Dhen. Sc. Cent.	Popular Science	45	135	35	10,710	33,534	2,143



Science Demonstration Lecture

Museum/Centre	No. of Lectures held in Museum	No. of Students in Museum	No. of Lectures held outside	No. of Student outside
<i>BITM, Kolkata</i>	61	4731	73	22,523
<i>SSC, Patna</i>	51	1975	Nil	Nil
<i>RSC, Bhubaneswar</i>	59	3206	62	54152
<i>DSC, Purulia</i>	60	7080	53	31457
<i>Sc.Cent.Bardhaman</i>	68	9588	45	21371
<i>N.B.S.C. Siliguri</i>	50	3191	49	14437
<i>Sc.Cent.Dhenkanal</i>	31	1319	6	1200
<i>Digha Science Centre</i>	41	2600	Nil	Nil



Exhibits Developed

	BITM, Cal	RSC, Bhub	SSC, Patna	SC, Bardh	DSC, Puru	NBS-C, Sili	DSC, Digha	SC, Dhen
Gallery Exhibits	67	16	19	4	-	33	2	2
Duplicate Exhibits	-	-	-	-	-	-	-	-
Park Exhibits	-	1	-	3	20	-	-	-
MSE Exhibits	-	-	20	-	-	-	-	-
Kits/Aids	-	-	-	2	-	6	-	-
Duplicate Kits/Aids	-	-	-	-	-	-	-	-
Temporary Exhibition Exhibits	-	-	-	-	-	-	-	-
Total	67	17	39	9	20	39	2	2

Exhibit developed during 2016-17

BITM, Kolkata

1. Biotech Lab - 4 nos.
2. Motive Power Gallery – 15 nos.
3. Biodiversity Gallery Sikkim – 48 nos.

DSC Digha

1. Renovation of 3D Theatre – 1 no.
2. Space Education Centre (Digital Planetarium) – 1 no.

Exhibit developed during 2016-17

RSC, BBSR

1. Mirror Image Gallery exhibits – 7 nos.
2. Exhibit for Pathani Samanta Planetarium, Khandapada – 11 nos. (including 1 park exhibit)

NBSC, Siliguri

1. Exhibit on “Light, Reflection & Illusion” gallery – 33 nos.

DSC, Purulia

1. Development of Science Park Exhibit – 20 nos.

SC, Bardhaman

1. Exhibit on Human Performance Gallery – 4 nos.
2. Park Exhibit – 3 nos.

DSC, Dhenkanal

1. Mirror Maze gallery – 2 nos.

SSC, Patna

1. Exhibit on Children Gallery – 19 nos.
2. MSE Exhibit – 20 nos.



Science Education

	BITM, Calcutta	SSC, Patna	RSC, Bhub	DSC, Purulia	Sc. Cent. Bardh	NBSC, Siliguri	Sc. Cent. Dhen	Digha Sc. Cent
Digital Planetorium Shows								
Shows held	-	429	-	-	-	2,010	-	300
Visitors	-	18333	-	-	-	44070	-	9615
Popular Lecture								
No. of Lectures	12	9	22	17	36	15	5	24
Audience	1701	1791	2703	2051	5184	1740	600	1122
Taramandal Show								
No. of Shows	937	314	513	552	542	462	276	1,094
Audience	14395	5031	5575	10038	3306	9206	1165	15542
Science Quiz								
Contests	35	56	96	64	65	52	43	109
Participants	1,439	278	33,852	1,295	96	1920	2150	96
Visitors	785	2450		2950	1952	585	4300	1129
Sky Observation								
No. of Prog. held	54	50	75	50	64	52	64	50
Visitors	1871	1175	2106	2173	1952	2730	700	915

Popular Lectures

RSC, Bhubaneswar

<i>Name of the Speaker</i>	<i>Topic</i>	<i>Date</i>
1. Prof. Gopal Krishna Panda, Utkal University	Global Awareness	22.04.2016
2. Prof. Gopal Pradhan, Utkal University	Pressure & its applications	03.05.2016
3. Dr. A. K. Panigrahy, Retd. Director, Odisha Text Book Bureau, Bhubaneswar	Fundamentals of Chemistry	
4. Shri Bimal Kumar Das, Bhubaneswar	Geometry in Origami	05.05.2016
5. Dr. J. K. Panigrahi Jayadev College, Cuttack.	Origin of Life and evolution	07.05.2016
6. Dr. Ajit Srivastava Institute of Physics, Bhubaneswar	Gravitational Waves	10.05.2016
7. Prof. Gopal Pradhan, Utkal University	Fundamental aspects of Physics	11.05.2016
8. Shri Bimal Kumar Das, Bhubaneswar	Fun with Origami	17.05.2016
9. Dr. J. K. Panigrahi, Jayadev College	Super Human Being	21.05.2016
10. Dr. Pramod Kumar Mohapatra Chief Editor, The Samaja	Population Explosion	24.05.2016
11. Dr. Vivekanada Wanked, L.V.Prasad, Eye Institute, Patia, Bhub	I (EYE) Care	11.07.2016
12. Dr. Sanjay Swain, NISER, Bhubaneswar	Nuclear Fission and Fusion including	19.07.2016
13. Shri Shakti Nanda, Architect and Wildlife Photographer	Photography	09.08.2016 19.08.2016
14. Dr. Pratap Sahoo, NISER, Bhubaneswar	Ozone Depletion and its effects	16.09.2016
15. Shri P K Pramanik, National Informatics Centre, Bhubaneswar	Cyber Crime	23.09.2016
16. Ms. Sujata Samal Kalyani Laboratories Pvt. Ltd. Bhub	Food Adulteration	28.10.2016
17. Dr. Pranay Swain, NISER, Bhubaneswar	Vigilance Awareness	03.11.2016
18. Dr. Nanda Dwivedi, Abhinya Rao Homeopathic Medical College, Bhub	Health & Hygiene	07.11.2016
19. Dr. Jharana Swain, BJB (Auto) College Bhubaneswar	Girl Child Empowerment	08.11.2016
20. Dr. Smita Ota CIPET, Bhubaneswar	Evolution of Television	21.11.2016
21. Sh. Kishore Bhusal National Productiv- ity Council, Bhubaneswar	From waste to profit through Reduce, Recycle & Reuse	15.02.2017
22. Dr. Rajashree Bothale, National Remote Sensing Centre, Hyderabad	Antarctica Expedition – 2016	08.03.2017

Dhenkanal Science Centre

<i>Name of the Speaker</i>	<i>Topic</i>	<i>Date</i>
1. Shri Bhabesh Bhoi, Yoga Teacher, Dhenkanal	Art of Living	21.06.2016
2. Sh. N.C. Kanungo, Divisional Forest Officer (Retd.), Dhenkanal	Natural Wealth	28.07.2016
3. Dr. Mrinal Chatterjee, Professor, IIMC, Dhenkanal	Swachh Bharat	28.09.2016
4. Dr. B Ram, Medical Practitioner, Dhenkanal	Various issues of adolescence of the girl child and its remedies	08.11.2016
5. Dr. J.C. Mahapatra, Additional District Medical officer, Dhenkanal	Know AIDS, No AIDS	01.12.2016

DSC, Purulia

Name of the Speaker	Topic	Date
1. Prof. Amalesh Kumar Pradhan S-K-B University, Purulia	Life & Works of Dr. B. R. Ambedkar	14.04.2016
2. Shri Ritabrata Biswas PC, DSC, Purulia	Malaria: A Challenge	25.04.2016
3. Prof. Rajesh Dey Govt. General Degree College, Purulia	Vitas in Modern Technological Advances	11.05.2016
4. Prof. Diptiman Ghosh, Nikhil Banga Sikshan Mahavidyalaya, Bishnupur	Museums & Cultural Landscapes	18.05.2016
5. Dr. Subrata Raha, S-K-B University, Purulia.	Zero Tolerance for illegal Wildlife Trade	05.06.2016
6. Shri Milan Dutta, Yoga Instructor & State Yoga Judge, Purulia	Benefits & Usefulness of Yoga	21.06.2016
7. Dr. Subrata Raha S-K-B University, Purulia.	Global Warming & its impact on Purulia	29.08.2016
8. Dr. Subrata Raha S-K-B University, Purulia.	Ozone layer depletion & its effect on human civilization	16.09.2016
9. Dr. Lokesh Pati J. K. College, Purulia	Discouraging the use of plastic bags	26.09.2016
10. Shri Pankaj Sarkar J. K. College, Purulia	Cleanliness, Health & Hygiene	27.09.2016
11. Dr. Asim Dasgupta Deben Mahato Sadar Hospital, Purulia	Healthy Heart Practices	28.09.2016
12. Shri Kaushik Dhar, DSC, Purulia	Importance of Biodiversity	06.10.2016
13. Prof. Punam Roy Nistarini College, Purulia	Healthy Food Habits	10.11.2016
14. Shri Kaushik Kahali Deben Mahato Sadar Hospital, Purulia	Hands on Demonstration on Food Adulteration	10.11.2016
15. Dr. Malay Kumar Dey, MD, Deben Mahato Sadar Hospital, Purulia	Food habits & related diseases	12.11.2016
16. Dr. Subrata Raha S-K-B University, Purulia.	Affordable & Clean Energy	12.11.2016
17. Dr. Sanjay Kumar Das, Zilla Swasthya Bhawan, Purulia	AIDS Awareness	01.12.2016

Bardhaman Science Centre

Name of the Speaker	Topic	Date
1. Dr. Subrata Chattopadhyaya, Lecturer UIT, Burdwan	Water Borne Diseases	07.04.2016
2. Dr. Subrata Chattopadhyaya, UIT, Burdwan	Trees for the Earth	22.04.2016
3. Dr. Subrata Chattopadhyaya, UIT, Burdwan	Botanical Museums	18.05.2016
4. Dr. Biswaranjan Mistry, Burdwan University	Earthquake: Causes & Consequence	05.06.2016
5. Niranjana Gupta, Project Coordinator, Bardhaman Science Centre	Water Crisis in India	06.06.2016
6. Nikhilesh Biswas, Education Officer. Bardhaman Science Centre	Global warming	07.06.2016
7. Rajnaryan Das, Education Officer. Bardhaman Science Centre	Biodiversity & India	09.06.2016
8. Dr. Inderdeo Misra, Nehru Vidyamandir Burdwan	Population Day	11.07.2016

Bardhaman Science Centre (Contd.)

Name of the Speaker	Topic	Date
9. Dr. Suprakash Roy, Principal, Arambag Govt. Eng. College	Reinventing Chemistry	19.07.2016
10. Amiya Kumar Kalidaha, Dept. of Higher Education, Science & Technology and Biotechnology, Government of West Bengal	Science is Fun: the role of Creative and Innovative Mindset	19.07.2016
11. Dr. Sudipta Banerjee, Postdoctoral Research Scholar, University of Burdwan	Hands on Experiment base Learning	22.07.2016
12. Dr. Arnab Rudra, Postdoctoral Research Scholar, University of California	Magic of Physics	23.07.2016
13. Dr. Sudipta Banerjee, Postdoctoral Research Scholar, University of Burdwan	10 Years of Chemistry & Biochemistry and its Recent Development	26.7.2016
14. Dr. S. Chaattopadhyay, UIT, Burdwan	Green Environment	02.08.2016
15. Dr. S. Chaattopadhyay, UIT, Burdwan	Utilities Copper Protein in Daily Life	05.08.2016
16. Dr. Pradip Bandyopadhyay, Associate Professor, Burdwan Raj College	Fun in Biology	16.09.2016
17. Dr. Urmilla Prasad, Principal Modern Public School, BURdwan	Wild Life Tourism	02.10.2016
18. Shri Nikhiles Biswas, Education Officer, Bardhaman Science Centre	Importance of Green Corridors in Wild Life Conservation	03.10.2016
19. Shri Niranjana Gupta, Project Coordinator, Bardhaman Science Centre	Wild Life of India	04.10.2017
20. Shri Rajnarayan Das, Education Officer, Bardhaman Science Centre	Wild Life & its Conservation	07.10.2017
21. Dr. Naryan Chandra Chattopadhyay, Ex. Prof, Burdwan University	Fun in Botany	10.11.2016
22. Dr. Shashi Nath Mondal, Dy. Director of Public Instruction, Govt. of West Bengal	Indian Constitution	26.11.2016
23. Dr. Nabakumar Mondal, Dept. of Environmental Science, Burdwan University	Energy	14.12.2017
24. Md. J. Alam, Hydroponics Man of India	Hydroponics	20.12.2016
25. Shri Kalyan Bhattacharya, London U.K.	Nano Technology	09.01.2017
26. Shri Debmalayo Sen, BEGS School, Kolkata	Science is Fun	10.01.2017
27. Dr. Nabakumar Mondal, Environmental Science, Burdwan University	Fluorosis In West Bengal	25.01.2017
28. Dr. Shashi Nath Mondal, Dy Director of Public Instruction, Govt. of West Bengal	Waste management in Burdwan District	12.02.2017
29. Dr. Nirupama Goswami, Raj College	Significant of Productivity Day	13.02.2017
30. Shri Niranjana Gupta, Project Coordinator, Bardhaman Science Centre	The Impact of Body Mass Index on Workplace Productivity	14.02.2017
31. Amiya Kumar Kalidaha, Senior Scientific Officer, Dept. of Higher Education, S & T and Biotechnology, Govt. of West Bengal	Students' Success through Innovative Thinking	20.08.2016
32. Amiya Kumar Kalidaha	Innovative Ideas in Science	03.09.2016
33. Amiya Kumar Kalidaha	The role of Creativity and Innovation in understanding Science	09.09.2016
34. Amiya Kumar Kalidaha	Developments in Scientific Innovations from Grassroots to Modern approach	10.09.2016

BITM, Kolkata

Name of the Speaker	Topic	Date
1. Dr. Shibdas Ghosh, Former HOD, Dept. of Botany, University of Calcutta	The Lonely Earth	22.04.2016
2. Dr. Saroj Ghose, Ex DG, NCSM	Role of Museum in changing Society	18.05.2016
3. Bramhachari Achyutananda, Yogoda Satsang Society of India, Dakshineswar	Yoga: The Science of Human Possibilities	21.06.2016
4. Sk. E. Islam, Director, BITM	Science as a Culture in our Society	16.07.2016
5. Dr. Bhupati Chakroborty, Ex Professor, Dept. of Physics, City College	War and Science	09.08.2016
6. Dr. Sushmita Chowdhury, Joka, ESI Hospital	Health Hygiene and Cleanliness	28.09.2016
7. Dr. Dipankar Chakroborty, JU	Fresh Water scarcity	30.11.2016
8. Dr. Bhupati Chakroborty, Ex- Professor, City College	Metric System in India	28.02.2017
9. Prof. U.C. Dey, CU	Development of Geometry in India	25.02.2017
10. Prof. S Chakroborty, JU	Development of Mathematical Physics	25.02.2017
11. Prof. Koushik Ghosh, BU	Development of Astronomical Research in India	25.02.2017
12. Prof. Parthasarathi Mukhopadhyay, Narendrapur RKM residential College.	Life and Work Srinivasan Ramanujan	25.02.2017

SSC, Patna

Name of the Speaker	Topic	Date
1. Dr. Janardanjee, Former Sr. Scientist, ICAR, Patna	Significance of Earth Day	22.4.2016
2. Dr. M.P. Trivedi, Dept. of Botany Patna Science College.	Role of youth in Environmental conservation	05.6.2016
3. Dr Satyajeet Kr. Singh, Sr. Vice President, IDPD, Patna Chapter	No more Hiroshima	06.8.2016
4. Dr. Ashok Ghosh, Head, Research, Mahavir Cancer Sansthan, Patna	Various Aspect of Innovation	10.11.2016
5. Dr. A.K. Gupta, Former Head, Dept. of Botany & Biotechnology, Patna University.	Energy Conservation	14.12.2017
6. Dr. S.P. Verma, President, Science for Society Patna	Innovation Research & Productivity	18.02.2017
7. Dr Shivajee Kumar Samarpan, Patna	Scientific and Technological Aids for Specially Abled Persons	28.02.2017
8. Shri P. Mukhopadhyay P.C. SSC, Patna	Let's Force the Equality	08.03.2017

NBSC Siliguri

Name of the Speaker	Topic	Date
1. Prof. R. Chakroborty, University of N.Bengal	Trees- Propeller of Life	22.04.2016
2. Biswajit Kundu, Education Officer, NBSC	Basic Facts of Astronomy	09.05.2016
3. Shri B. Roy, Ex-Teacher, N.P. High School	Fundamentals of Bio- Diversity	22.05.2016
4. Shri B. Roy, Ex-Teacher, N.P. High School	Man of Environment	05.06.2016
5. Dr. Sujit Sarkar, IARI, Kalimpong	Pulse Production and Food Security	22.07.2016
6. Prof. R. K. Samanta, University of N.Bengal	Cyber Security	17.08.2016
7. Prof. A. Mukhopadhyay, University N.Bengal	Vector Borne Diseases	05.09.2016
8. Shri Bipin Gupta, Bharati Hindi Vidyalaya	Dengue	14.09.2016
9. Prof. M.N. Roy, University of North Bengal	Ozone Layer Depletion on Earth	16.09.2016
10. Prof. Avijit Roy (Retd.), University of NB	Green House Gases and Environment	10.11.2016

NBSC Siliguri (Contd.)

Name of the Speaker	Topic	Date
11. Shri Ram Swaroop, PC, NBSC	Sustainable Development Goals	10.11.2016
12. Shri Rathin Paul, Rajkishore Bose Mathematical Society	Fascinating World of Numbers	22.12.2016
13. Shri Debasis Sarkar, Secretary, Sky Watchers' Association of North Bengal	Roadways to Space	29.01.2017
14. Prof. B. C. Paul, University of NB	Prof. C. V. Raman & Raman Effect	28.02.2017
15. Shri D. Chatterjee Education Officer, NBSC	Importance of Water Conservation	22.03.2017

Digha Science Centre

Name of the Speaker	Topic	Date
1. Dr. Anupam Paul, Agricultural Training Center	Biodiversity conservation with real & flok rice.	22.05.2016
2. Dr. Punyasloke Bhadury, IISER, Kolkata	Coastal Ecology of Digha	05.06.2016
3. Mr. Amiya Kumar Kalidaha, DST, Govt. of West Bengal	Technological Innovations – Grass root to Modern Approach”	13.06.2016
4. Dr. Suprakash Roy, Dept. of Technical Education & Training, Govt. of West Bengal	Career Planning NLC-Mode	13.06.2016
5. Shri Gourhari Giri, President, Kathi Yoga Paranayam Samiti, Purba Medinipur	How Yoga can help concentration and memory’	21.06.2016
6. Dr. Debiprasad Duari, M.P. Birla Institute of Fundamental Research, Kolkata	Astronomy & Moon	22.07.2016
7. Dr. Bhupati Chakraborty, Former Head, City College	Sticks & Ruler Physics’ , ‘Physics in Sporting Games’ and ‘Atomic Exploration’	06.08.2016
8. Dr. Purnaysloke Bhadhury, Associate Professor, IISER, Kolkata	DNA extraction from bacterial cells	26.08.2016
9..Dr. Purnaysloke Bhadhury	PCR application and gel electrophoresis	27.08.2016
10..Dr. Purnaysloke Bhadhury	DNA Sequencing	28.08.2016
11. Dr. Manas Pratim Das, Programme Executive, All India Radio	World Ozone Day	16.09.2016
12. Dr. Purnaysloke Bhadhury, Associate Professor, IISER, Kolkata	Fish Biotechnology- approach & application	23.09.2016
13. Dr. Purnaysloke Bhadhury	Extracting of DNA from Shrimp	24.09.2016
14. Dr. Purnaysloke Bhadhury	Health implications in Shrimp – a biotechnology perspective	
15. Dr. Partha Karmakar, Principal Muragachha Govt. College, Nadia	Vedic Mathematics in Mathematical calculation	25.09.2016
16. Prof. Madan Mohan Bag, Ex Director, Haldia Institute of Technology	Green Building’	01.10.2016
17. Dr. Anil Mahapatra, MARC, ZSI, Digha	Marine Biodiversity of India	03.10.2016
18. Shri Swadesh Ranjan Mondal, Gesture Theatre, Kolkata	Examination, Thief, Let me live, Fuchkawala as used in mine	10.11.2016
19. Prof Shyamal Chakraborty, Dept. of Chemistry, Calcutta University	Global Warming and Energy Issues	14.11.2016
20. Dr. Purnaysloke Bhadhury, IISER, Kolkata	Basics of DNA barcoding	14.12.2016
21. Dr. Purnaysloke Bhadhury	Methodology of DNA barcoding	23.01.2017
22. Dr. Purnaysloke Bhadhury	Application of DNA barcoding	24.01.2017 25.01.2017
23. Shri Samar kumar Bagchi, Ex-Director, BITM	Demonstration of Experiments	28.02.2017

• REGULAR PUBLIC DEMONSTRATION

Science Shows on : Science Magic & Miracle, Super Cold, Surprising Chemical Reactions, Fun Science, Egg-cellent/Fire-y-Tale and Balls, Balloons & Bubbles.

Name of the Centre	No. of Programmes	No. of Audience
BITM, Kolkata	1,714	1,08,099
Digha Science Centre	435	24,638
RSC, Bhubaneswar	353	8,072
SSC, Patna	1,784	91,912
DSC, Purulia	404	9,735
Dhenkanal Science Centre	298	4,698
Bardhaman Science Centre	386	6,920
NBSC, Siliguri	359	19,042

• 3D SHOW

Name of the Centre	No. of Programmes	No. of Audience
BITM, Kolkata	2,933	83,453
RSC, Bhubaneswar	1,246	12,182
Digha Science Centre	1,674	44,379
DSC, Purulia	1,022	19,165
NBSC Siliguri	1,870	47,401
Bardhaman Science Centre	1,900	26,582
Dhenkanal Science Centre	621	7,426
SSC, Patna	315	8,296
Digha Science Centre	1,674	44,379

• SHOWS IN PREHISTORIC LIFE PARK

Name of the Centre	No. of Shows	No. of Visitors
RSC, Bhubaneswar	186	2,079
Digha Science Centre	328	11,760

• CHROMAKEY SHOW

Name of the Centre	No. of Shows	No. of Visitors
BITM, Kolkata	833	34,460

• MATH DEMO

Name of the Centre	No. of Shows	No. of Visitors
BITM, Kolkata	180	7,181

• UNDERGROUND COAL MINE DEMONSTRATION

Name of the Centre	No. of Shows	No. of Visitors
BITM, Kolkata	3,166	83,118

• SHOWS IN SPARK THEATRE

Name of the Centre	No. of Shows	No. of Visitors
BIT M, Kolkata	1,097	53,411



Science Seminar

Topic - 'Pulses for Sustainable Food Security: Prospects and Challenges'

Name of the Museum	Date	Level	No. of Schools	No. of Students Participated	Audience
BITM, Kolkata	17.08.2016	Kol. dist	26	26	193
-do-	06.09.2016	W.B.State	10	10	249
RSC, Bhubaneswar	25.08.2016	State	30	30	160
SSC, Patna	19.08.2016	State	17	18	400
DSC, Purulia	27.08.2016	District	11	18	120
-do-	24.08.2016	Block	24	43	150
Dhenkanal Sc. Centre	08.08.2016	District	16	16	120
NBSC, Siliguri	10.08.2016	District	22	22	150
Digha Science Centre	03.09.2016	District	24	24	92
Bardhaman Science Centre	23.08.2016	District	20	20	197



Training

	BITM Cal	RSC Bhub	SSC Patna	DSC Purulia	SC.Cen Bardha	DSC Dhen	NBSC Siliguri	Digha Sc. Cen
Teachers' Training Programme								
No. of Programmes	-	2	3	2	1	2	1	-
No. of Teachers	-	95	167	400	19	20	14	-
No. of Teaching Aids Developed	-	475	256	-	18	80	28	-
Computer Training Programme								
No. of programmes	03	-	-	-	04	-	-	-
No. of Trainees	60	-	-	-	113	-	-	-

TRAINING

Teachers' Training Programme

- * A Teachers' Training Programme was organized for the students of Siliguri B.Ed. College from March 27 to 30, 2017.
- * DSC, Dhenkanal, in collaboration with, District Education Office, Dhenkanal organized a Teachers' Training Programme on April 20, 2016 at Kapilas Science Park. 10 school teachers participated and developed 30 kits.
- * SSC, Patna organized Teachers' Orientation programmes for State Level Science Congress on 'Innovation in Science & Technology' on July 12, 2016 in collaboration with the State Level Committee of the Science Congress. 135 teachers from 120 schools participated.
- * Teachers Training Programme was organized on August 20, 2016 at RSC, Bhubaneswar. 10 Science teachers of Khordha district participated and completed 5 teaching aids on Physics & Mathematics. 45 teaching aids were developed.
- * National Anveshika Network of India collaborated with Digha Science Centre to conduct a residential workshop on 'Hands on Science' from November 5 to 7, 2016 for 30 teachers from the Kendriya Vidyalaya. Resource persons from IISER, Shibpur, Medinipur College, Chakdah College, and Maharaja Manindra Chandra College, Kolkata trained the teachers.

Training Programme on Curriculum Adaptation

Two Teachers' Training programme on curriculum adaptation for the children with special needs was held at DSC, Purulia jointly with DPO, SSM, Purulia on December 20 and 21, 2016 and from February 14 to 15, 2017. 400 primary level teachers attended.

Mentoring Camp for aspirants of INSPIRE Award

* A DST-INSPIRE Internship Science Camp was held on May 19, 2016 in collaboration with JBNSTS at BITM. 140 school students from districts of West Bengal took part in Innovative Idea Contest and did few hands on experiments. A mentoring camp for school students who are the aspirants of INSPIRE Award was also organized at BITM Innovation Hub on September 17, 22 & 24, 2016. 36 students and 36 guide teachers from 36 schools attended.

Lesson Plan Presentation by Teachers

A Presentation of Teaching Aids through power point on Environmental Issues was jointly organized by Bichitra Pathshala in collaboration with BITM on April 22, 2016. 30 teachers took part.

Workshop on 'Photography'

RSC, Bhubaneswar celebrated World Photography Day on August 19, 2016 by organizing a Workshop on 'Photography' and a Photograph Competition in which students displayed the photographs taken by them. The Workshop was conducted by Shri Shakti Nanda, Renowned Architect and Wildlife Photographer of Odisha. 150 students from 15 schools participated.



Science Fair

Name of the Museum	Dates	Level	No. of Schools/ Colleges	No. of Students and teachers	No. of Science Clubs	No. of Projects	Visitors
SSC Patna	02.10.16	District Level	24	205	-	87	645
RSC Bhub	13.12.2016	State Level	120	120	120	120	2430
SC., Bardhaman	22.09.2017 to 23.09.2017	District	139	278	-	139	4727
DSC Purulia	27.01.2016 to 30.01.2016	District	18	96	-	67	23,620
NBSC, Siliguri	27.01.2017 to 29.01.2017	Unit	17	71	01	40	2956
BITM, Kolkata	22 & 23 December, 2016	Kolkata District	59	177	-	59	13,934
	10 to 14, January 2017	Eastern India Science Fair	159	360	-	153	
		Science and Engineering Fair	15	51	-	18	

42nd Eastern India Science & 16th Engineering Fair

BITM organized Eastern India Science Fair and Engineering Fair simultaneously from 10 to 14 January 2017. This year 343 students & teachers participated in the EISF with 153 models representing 159 schools from 9 eastern India states. 51 students with 18 projects from 15 Science / Engineering Colleges enrolled for the Engineering Fair 2017. EISF & EF 2017 was inaugurated by Prof. Ajoy Kumar Ray, Director, IEST, Shibpur. Prize Distribution was held on January 14, 2017 in the presence of Shri Sanjay Kumar Sinha, CEO, B. K. Birla Group of Industries, Dr. Dhrubajyoti Chattopadhyay, VC, Amity University, Kolkata and Shri Sutanu Ghosh, President, BCCI, Kolkata. Miss Priyanka Deb, Badharghat H. S. School, Tripura won the best individual prize and for her model 'Accidental Body Protection Equipment'. Shri Sourima Saha and Miss Tiyasa Naskar of Budge Budge P.K. High School, West Bengal won the best group model prize for their model 'Modern R.O and U.V Based Water Purification System'. Shri Gouranga Manna, Shri Hirak Pramanik and Shri Sibasis Jana of Bajkul Milani Mahavidyalaya, Purba Medinipur won the best prize of Engineering fair for their project 'Bike Cannot Start Without Helmet'. The Fair was supported by P.C. Chandra Jewellers, Kesoram Industries Ltd. and Titagarh Wagons Ltd. Visitors - 13,934 nos.



Creative Ability Centre

In the Creative Ability Centre, the students of classes VII to XI are exposed to practical experimentation and handling tools during the year and also during vacations

Name of the Museum	BITM Calcutta	RSC Bhub	SSC Patna	DSC Purulia	SC. Cen Bardha	DSC Dhen	NBSC Siliguri	Digha Science Centre
Projects completed in Museum CAC	24	15	14	52	16	18	16	26
Students Participated	56	82	97	45	23	29	24	68
Vacation Hobby Camps	8	5	5	6	4	2	6	02
Projects completed in above	2093	6	237	37	31	84	24	26
Students Participated	563	89	97	51	32	21	288	68

Science Camps

* BITM is organized Summer Vacation Science Camps for School students from May 23 to June 4, 2016. 460 participants took part in in 9 camps. Science Camps, for JBNSTS scholarship winning students, were organized at BITM from February 8, to 23, 2017 on Life Science, Mathematics, Physical Science and Basic Astronomy. 462 students participated in 32 projects. Camps on Daytime Astronomy and Math with Origami were held at BITM from December 26 to 29, 2016. 52 students participated from 24 schools.

* DSC, Purulia organized Vacation Science Camp from May 23 to June 4, 2016 in the fields of Physics, Chemistry, Life Science, Geography & Basic Astronomy, Mathematics and Electronics. 51 students participated and prepared 37 projects.

* RSC, Bhubaneswar organized Summer Science Hobby Camp for the school students in two batches from May 2 to 12 and May 16 to 26, 2016. 68 students participated in these camps on Physics, Chemistry, Mathematics and Biology & Astronomy.

* DSC, Dhenkanal organized a Summer Science Camp from May 3 to 10, 2016. 21 students developed 84 Science Projects on Physics, Chemistry, Biology and Mathematics.

* North Bengal Science Centre organized Vacation Hobby Camp from September 30 to October 6, 2016 for school students. 12 students were engaged in projects on Physics, Chemistry, Biology and Mathematics.

* Digha Science Centre organized a Science camp on 'Basic of Electronics' from September 9 to 11, 2016. 30 participants from 3 schools took part. Another Camp on 'Hands on Experiments on Mathematics' was organized at Digha Science Centre from September 30 to October 02, 2016. 38 participants from 3 schools were given a basic idea on Vedic Mathematics.

Science Camp (contd.)

* NBSC Siliguri organized Vacation Science Camp from May 23 to 28, 2016 for school students. They made projects on Physics, Chemistry, Biology and Mathematics.

* Vacation Science Camp on Biology, Environmental Science, Chemistry, Astronomy, and Physics was organized at Bardhaman Science Centre from May 23 to June 5, 2016. 83 students from 5 Institutions participated.

* SSC, Patna organized Science Camp for 97 students who participated in Toy Making, Plantation on Water, Electronics, Ship-modelling and Aeromodelling from June 1 to 7, 2016.

* Summer Electronics Camp was conducted from May 27, 2016 to June 4, 2016 at RSC, Bhubaneswar. 21 students participated.

Creative Ability Camp

* RSC, Bhubaneswar organized Creative Ability Camp on June 11, 2016 on 'Battery Charging Circuit'. 7 students participated.

* Dhenkanal Science Centre organized Creative Ability Camps on December 7 & 9, 2016. 20 students from participated and developed 8 teaching aids on Persistence of Vision, Model of Carbon Atom, Function of Lungs, Newton's Disc, Amoeba and Pythagoras Theorem.

OBSERVANCE OF IMPORTANT DAYS

Earth Day (April 22)

Earth Day was observed at BITM and its units on April 22, 2016 with events like Painting Competition, Sapling Distribution, Extempore Talk, Quiz, Popular Lecture, a Group activity on 'Measuring Today's Temperature', Tree Plantation, Slogan Writing Competition, Film Show, a Medical Camp, presentation on 'Air Pollution & Our Health' etc.

International Museum Day (May 18)

* Dr. Saroj Ghose, Former President of ICOM, Former DG of NCSM and Advisor on Museums to the President of India delivered a talk on 'Role of Museums in a Changing Society'

* Purulia organized Sit & Draw, Poster Painting, Open House Quiz, and Speech Competition.

* DSC, Bardhaman Science Centre organized Sit & Draw Competition, Quiz, and Popular Lecture.

* Digha Science Centre organized Science Demonstration Lecture.

* RSC, Bhubaneswar organized Exhibit Hunt Competition and display of coins, stamps, manuscripts, rare stones etc.

* DSC, Dhenkanal observed the day with Artifact Collection competition in which students displayed their collection of coins, postage stamps photographs and jewelries.

International Science Centre and Science Museum Day (November 10)

* BITM observed International Science Centre and Science Museum Day with a Nutrition Awareness Programme for adolescents, an interactive workshop - 'Eco Warriors today for a Greener tomorrow', an innovative idea contest.

Observance of Important Days (Contd.)

* Bardhaman Science Centre celebrated with a Sit & Draw, Quiz, Lecture on 'Herbarium & Museum'

* RSC, Bhubaneswar organized a Popular Lecture, Quiz, a Workshop and Lecture on 'Girl Child Empowerment', 'Meet the Scientists' programme, a Community Awareness Programme on 'Eye Care'.

* DSC Purulia organized Sit & Draw, Seminar on 'Healthy Food Habits', Workshop on Water Quality Analysis, Sky Observation, Quiz, Lecture and Meet the Doctor Programme.

* NBSC, Siliguri celebrated the day with Popular Lectures on 'Impacts of green-house gases on environment' and 'Aiming towards the world-2030', Slogan Writing competition, a Multimedia Presentation on Global Climate Change, Audio Visual Quiz on 'Environment for school students'.

* Digha Science Centre organized a Field Study of Coastal zone Marine Biodiversity with special emphasis on 'Life below Water', Lecture cum Workshop on 'Marine Biodiversity of India'.

* Dhenkanal Science Centre celebrated the day with Workshop on Making low-cost Kits, a Drama on 'Awake and Arise to save environment' and a Young Innovators' Meet. A Health Camp was held at Kapilas Science Park.

National Technology Day (May 11)

* DSC, Purulia celebrated National Technology Day on May 11, 2016 by organizing a Sit & Draw, Poster Painting, Quiz and Popular Lecture on 'Vistas in Modern Technological Advances'

* RSC, Bhubaneswar celebrated National Technology Day by conducting Technology Quiz, Elo-cution Competition and a Popular Lecture on 'Gravitational Waves'. 87 students participated.

National Science Day (February 28)

National Science Day was celebrated by BITM on February 28, 2017 with Sit & Draw on 'Conservation of Energy', Quiz and a Popular Lecture on 'Diamond Jubilee of Metric system in India'. Differently abled students participated in 'Innovative Idea Contest' and 'Build from Scraps' in the innovation Hub of BITM.

* DSC, Purulia celebrated the day by organizing Sit & Draw Contest, Open House Quiz, SDL & Sky Observation.

* RSC, Bhubaneswar, in collaboration with The Times of India, Bhubaneswar organized a Community programme for the Orphanage students.

* Digha Science Centre conducted a Workshop on 'Experimentation', Lecture, Film Show and Quiz.

International Year of Pulses

NBSC organized 'Identify the Pulse-seeds competition', Quiz, a Multimedia Presentation and a Popular Lecture by Dr. Sujit Sarkar, Scientist-in-Charge, IARI, Kalimpong on 'A Story of Pulse Production and Food Security in India' for the school students on July 22, 2016.

Moon landing Day (July 20)

Digha Science Centre celebrated 'Moon landing Day' on July 20, 2016 by conducting a Popular

Observance of Important Days (contd.)

Lecture by Dr. Debiprosod Duari, Director, Research & Academic, M.P. Birla Institute of Fundamental Science, Kolkata, on 'Astronomy & Moon', Film Show and Quiz. 124 school students and teachers took part.

Observance of Southern Solstice (December 21)

NBSC, Siliguri in association with Sky Watchers' Association of North Bengal celebrated Southern Solstice Day on December 21, 2016. Visitors observed the Solar-spots, Solar Prominence with the help of telescopes, solar filters and solar projection system. A Quiz was also organized for the visitors.

National Mathematics Day (December 22)

* National Mathematics Day was observed at BITM on December 22, 2016 with Quiz, Mathematics Gallery Demo and a Workshop on Mathematics. Participants – 740.

* National Mathematics Day was observed at NBSC, Siliguri with a popular lecture on 'Fascinating World of Numbers', a demonstration lecture on 'Mathematics can be Fun', an activity based programme 'Mathematics through Puzzles' and a Film Show on 'Life and Works of Srinivasa Ramanujan'.

National Energy Conservation Day (December 14)

Bardhaman Science Centre, Digha Science Centre and Shrikrishna Science Centre, Patna celebrated National Energy Conservation Day on December 14, 2016. Events held were Sit & Draw, Quiz, Slogan Writing Competition, Lecture on 'Renewal Source of Energy', on 'Clean Energy' on 'Global Warming and Energy Issues', Science Show on "Newton Laws and Energy", Slide show on Save Energy Wastage for school students.

Hiroshima and Nagasaki Day (August 06)

* Shrikrishna Science Centre, Patna observed 'Hiroshima Day' on August 06, 2016 with a Painting competition on 'Devastation caused by Atom Bomb', a Popular Lecture on 'No More Hiroshima' and a Special film show.

* Digha Science Centre observed Hiroshima Day with a Popular Lecture on 'Sticks & Ruler Physics', 'Physics in Sporting Games' and 'Atomic Exploration', Film Show and Quiz.

* RSC, Bhubaneswar observed Nagasaki Day on August 9, 2016 by organizing a Popular Lecture on 'Nuclear Fission and Fusion' and Quiz.

World Ozone Day (September 16)

* Dhenkanal Science Centre observed World Ozone Day on September 16, 2016 by organizing Interschool Ozone Quiz Competition.

* Bardhaman Science Centre observed World Ozone Day with educational programmes like Quiz, Sit & Draw, Science Film Show, and Popular Lecture.

* RSC, Bhubaneswar observed World Ozone Day by organizing a Popular Lecture and Quiz competition for school students.

* World Ozone Day was observed at DSC, Purulia with events like Sit & Draw Contest, Poster Painting, Open House Quiz, etc.

Observance of Important Days (contd.)

* NBSC, Siliguri observed World Ozone Day by organizing a Lecture on 'Consequences Of Ozone Layer Depletion on Earth', Film Show on 'Global Climate Change', Visual Quiz & Frame the Words Competition on 'Environment' for students.

* Digha Science Centre observed Ozone Day by organizing Popular Lecture and Quiz for students.

World Habitat Day (October 03)

Digha Science Centre observed World Habitat Day on October 03, 2016 by organizing a Popular Lecture on 'Green Building' and Quiz. 50 school students and teachers took part.

Wild Life Week (October 1 to 7)

Bardhaman Science Centre, Dhenkanal Science Centre and DSC, Purulia observed Wild Life Week from October 1 to 7, 2016 through Sit & Draw, Quiz, Lectures, Slogan Writing Competition, Film Show, Bird Observation, Tree Identification.

International Yoga Day (June 21)

* BITM observed World Yoga Day on June 21, 2016 with a yoga demonstration by experts of World Yoga Society and a lecture on 'The Science of Human Possibilities' by Brahmachari Achyutananda, Yogoda Satsanga Society of India, Dakshineswar.

* International Day of Yoga was celebrated at DSC, Purulia by organizing Yoga Performance and lecture - cum - demonstration on the Benefits & Effects of Yoga by Shri Milan Dutta, Yoga Instructor & State Yoga Judge, Purulia.

* International Day of Yoga was celebrated at NBSC, Siliguri with lecture on Yoga by Swami Atmabodhanandaji Maharaj, Ramkrishna Vedanta Ashrama, Silguri. A demonstration – Lecture on Yoga was delivered by Shri Surajit Lahiri, Vice President, Darjeeling District Yoga & Sports Welfare Association.

* Bardhaman Science Centre observed International Day of Yoga through Meditation, Yoga Demonstration, Quiz on Yoga.

* RSC, Bhubaneswar celebrated International Day of Yoga by organizing a Yoga Training. Shri Paramananda Samal, Bharatiya Yoga Sansthan, Odisha and his team demonstrated different Yoga Aasanas.

* DSC, Dhenkanal observed the International Day of Yoga by conducting a Demonstration session on 'Yoga: The Art of Living'.

* Shrikrishna Science Centre, Patna celebrated International Yoga Day through Yoga performance and Quiz.

* World Yoga Day 2016 was celebrated at Digha Science Centre where students from two schools took active part in Yoga practice guided by Shri Gourhari Giri, President, Kathi Yoga Paranayam Samiti.

International Biodiversity Day (May 22)

* DSC Digha organized a workshop on May 22, 2016 on the occasion of International Biodiversity Day. New agriculture techniques, bio-manures and 33 types of indigenous rice variety samples were shown. 110 students, teachers and farmers participated.

Observance of Important Days (contd.)

* NBSC, Siliguri celebrated the Day with lectures, Essay Writing Competition, Quiz and Field-study programme on Biodiversity.

Birth Anniversary of Dr. B.R. Ambedkar (April 14)

* DSC, Purulia celebrated the 125th Birth Anniversary of Dr. B.R. Ambedkar on April 14, 2016 by organizing Sit & Draw, Quiz and a Lecture on 'Life & Works of Dr. B.R. Ambedkar'. 250 students and teachers from 11 schools attended.

* 125th Birth Anniversary of Dr. B.R. Ambedkar was celebrated at NBSC, Siliguri with Multimedia Presentation on 'Life & Works of Dr. B. R. Ambedkar', Discussion on 'Preamble of Constitution of India', Visual Quiz on 'Our India' and Science Show for school students.

World Health Day (April 7)

The World Health Day was celebrated on April 7, 2016 at Bardhaman Science Centre with events like Sit & Draw, Popular Lecture, Health Check-up Camp, Quiz on 'Health & Hygiene'. 375 students and teachers benefited.

World Malaria Day (April 25)

World Malaria Day was observed at DSC, Purulia on April 25, 2016 by organizing Elocution Contest and Quiz on 'No Malaria for Good'. A Popular Lecture on 'Malaria: A Challenge' was also delivered. 100 students from 4 schools attended.

World Environment Day (June 5)

* BITM observed World Environment Day in collaboration with South Asian Forum for Environment on June 5, 2016 with various programmes like Sit and Draw, Sapling distribution, Essay Writing, Quiz and Science Film Show. 850 students participated from 62 schools.

* DSC, Purulia celebrated the day by organizing Sit & Draw, Poster Painting, Quiz and Popular Lecture. 150 students from 10 schools participated.

* NBSC, Siliguri organized a Sit & Draw, Sapling Plantation, Quiz, Identify the Plant-parts Competition and a Film Show for students and general public to observe the day.

* Bardhaman Science Centre observed World Environment Week from June 5 to 11, 2016 through Sit and Draw, Identification of Trees, Quiz, Film Show and Popular Lecture. 1124 students / teachers assembled.

* RSC, Bhubaneswar celebrated the Day by organizing a Sit & Draw competition and Environment Quiz. Saplings were planted. 148 students participated.

* Dhenkanal Science Centre, in collaboration with Divisional Forest Office (DFO), Dhenkanal, observed World Environment Day with the distribution of Saplings.

* Kapilas Science Park organized a Slogan Writing competition and a Plantation programme. 80 students attended.

* Shrikrishna Science Centre organized World Environment Day 2016 on June 5, 2016. 360 students from 26 schools of Patna participated in Painting and Fancy Dress Competition.

* Digha Science Centre celebrated the Day by conducting Workshop on 'Coastal Ecology of Digha'. It included a lecture on 'Whale Shark Conservation in India', Scientist-Students Interaction and Quiz. 42 students took part.

Observance of Important Days (contd.)

World Population Day (July 11)

* RSC, Bhubaneswar observed World Population Day on July 11, 2016 by organizing a Popular Lecture by Dr. Pramod Kumar Mohapatra, Chief Editor, The Samaja , Cuttack on 'Population Explosion and its impact on Earth' and a Quiz. 156 students and teachers participated.

* Bardhaman Science Centre observed World Population Day through Quiz, Sit & Draw, Film Show and a Popular Lecture. 187 students / teachers attended.

* Dhenkanal Science Centre celebrated World Population Day by organizing Popular Lecture and Quiz. Audience - 150 students. A Slogan writing competition was also conducted at Kapilas Science Park for 50 students.

World Heart Day (September 29)

World Heart Day 2016 was celebrated on September 29, 2016 at Digha Science Centre with a free medical camp on 'Heart health' in collaboration with Medica Superspeciality Hospital and Medsquare. The day started with an interactive session by Dr. Manish Vinayak, MD, DM (Cardio). It was followed by Random Blood sugar checkup, BP, height and weight measurement, and finally ECG. All the patients are then given free consultation. 96 van rickshaw pullers, bus drivers and conductors, Senior citizens and housewives etc. benefited.

* World Heart Day was observed at DSC, Purulia by organizing Sit & Draw, Poster Painting, Quiz, etc. Dr. Ashim Dasgupta, Cardiologist, D.M. Sadar Hospital, Purulia delivered a lecture on 'Healthy Heart Practices'.

Children's Day (November 14)

* Dhenkanal Science Centre observed the Children's Day on November 14, 2016 by conducting a Sit & Draw Competition amongst school children in Juniors and Seniors categories on "Chacha Nehru". 30 School Children from 4 schools participated.

* RSC, Bhubaneswar celebrated the Day by organizing a Sit & Draw event for 115 students.

* Children's Day was celebrated at DSC, Purulia involving the underprivileged students of the Child Labour Schools of Purulia in various events. 95 participants took part.

* NBSC celebrated Children's Day by conducting several educational activities for the students like, a Sit & Draw competition, Science Show on 'Fun with Bubbles', Science film show and an Audio-visual Quiz competition.

* Digha Science Centre celebrated the Day by organizing a Mime Show, Quiz, Science Show, Painting Competition and Science Film Show. 150 students, teachers participated.

AIDS Day (December 1)

* Digha Science Centre observed World AIDS Day on December 1, 2016 by organizing a rally in which students equipped with slogans related to AIDS Day marched. 78 students participated.

* World AIDS Day 2016 was observed at DSC, Purulia in collaboration with Dept. of Health & Family Welfare, Govt. of West Bengal by organizing AIDS Awareness Rally, Cultural programme, Sit & Draw Contest, Quiz, Meet the Doctor. 950 students, teachers, health workers, NCC Cadets, NSS students attended.

Observance of Important Days (contd.)

National Productivity Week (February 13 to 15)

* RSC, Bhubaneswar celebrated National Productivity Week from February 13 to 15, 2017 by organizing the programmes at St. Xavier High School, Kedargouri, Bhubaneswar. A Painting, Essay Writing, Slogan Writing Competitions were organized for 380 students. At RSC, Bhubaneswar, Posters on 'Productivity' were displayed and a Popular Lecture was organized on this occasion.

* Dhenkanal Science Centre observed the National Productivity Week by conducting a Science Quiz on 'Productivity Awareness' and a Slogan Writing competition. Participants – 50.

* Digha Science Centre has organized a workshop cum training programme on 'Waste recycling' on the occasion of Productivity week. 25 students participated.

* SSC, Patna organized Productivity week 2017 through Film Show and Popular Lecture on 'Innovation, Research & Productivity'. 230 students participated.

* DSC, Purulia observed National Productivity week by organizing Sit & Draw, Open House Quiz & Extempore Contest. 330 students, teachers and parents attended.

World Cancer Day (February 4)

Digha Science Centre observed World Cancer Day on February 4, 2017 by conducting a Power Point Presentation on "Know your Cancer" and an Open House Quiz for visitors.

International Women's Day (March 8)

* RSC, Bhubaneswar organized an experience sharing Programme on 'Antarctica Expedition – 2016' on March 8, 2017 on the occasion of 'International Women's Day' by inviting Geologists / Geo Physicists / Mining Engineers / Teachers and Students of Bhubaneswar. On this occasion, Dr. Rajashree Bothale, Senior Scientist, National Remote Sensing Centre, Hyderabad, a unit of ISRO interacted with 160 participants.

* Dhenkanal Science Centre celebrated International Women's Day March 8, 2017 by organizing a Slogan Writing competition and Quiz. 100 students from 3 institutions participated.

World Water Day (March 22)

* NBSC celebrated World Water Day on March 22, 2017 by conducting a Sit and Draw competition, a Popular Lecture on 'Importance of Water Conservation', Quiz and a Film Show on 'Environment' for students and general visitors.

* Dhenkanal Science Centre celebrated the World Water Day by organizing a Sit and Draw, a Slogan Writing Competition on 'Save Water' and a Creative Ability Camp on "Water" for school students.

* RSC, Bhubaneswar celebrated Water Day by organizing Essay Writing and Slogan Writing Competition. 160 students participated.

World Tuberculosis Day (March 24)

World TB Day 2017 was observed at DSC, Purulia on March 24, 2017 in collaboration with Dept. of Health & Family Welfare, Govt. of West Bengal by organizing a Tuberculosis Awareness Rally, Sit & Draw Contest, Quiz, 'Meet the Doctor'. 450 students, teachers, health workers, NCC Cadets, NSS students attended.

Library Holding

Name of the Museum	Items	Total holding as on 01.04.2016	Acquired during the year	Written-off during the year	Total holding as on 31/3/2016
BITM, Kolkata	Books	16247	84	-	16,331
	Brochure	2867	37	-	2,904
	Journals	8146	128	-	8,274
	Films/Cassettes	919	NIL	-	919
	CDs	656	NIL	-	656
RSC, Bhub	Books	890	6	-	896
	Journals	445	-	-	445
	Films 16mm	-	-	-	-
	Video Cassettes	40	-	-	40
SSC, Patna	Books	2191	1	-	2192
	Journals	1243	36	-	1279
DSC, Purulia	Books	1115	12	-	1127
	Films	43	-	-	43
	Cassette	17	-	-	17
	CDs	26	32	-	58
NBSC, Siliguri	Books	314	23	-	337
	Films	05	-	-	5
	CDs	15	-	-	15
Digha Science Centre	Books	356	06	-	362
	CDs	27	-	-	27
Science Centre Bardhaman	Books	243	-	-	243
	Journals	243	24	-	267
	CDs	43	01	-	44
	Films	22	-	-	22
	Video Cassettes	02	-	-	02
Dhenkanal Science Centre	Books	111	-	-	111
	Journals	-	-	-	-
	Films	03	-	-	03
	Video Cassettes	14	-	-	14
	CDs	67	-	-	67

Staff Strength

Name of the Museum/Centre	Scientific	Technical	Non-Technical	Total
BITM, Calcutta	06	54	37	97
RSC, Bhubaneswar	02	11	07	20
SSC, Patna	02	13	08	23
DSC, Purulia	01	06	04	11
Sc.Cent.Bardhaman	01	08	04	13
Sc.Cent.Dhenkanal	-	06	04	10
Digha Sc. Centre	01	09	03	13
Siliguri Sc. Centre	01	08	05	14
Total	14	115	72	201

Personnel

Retirement / Resignation/ Death					
Museum / Centre	Name Shri/Smt.	Designation at the time of Retirement /Death/Completion	Date of Retirement or Release / Death/Completion	Remarks	
B.I.T.M., Kolkata	Smt. Archana Laha	Section Officer	30 / 04 / 2016	J-Supernnaution	
B.I.T.M., Kolkata	Sri. Swapan Dutta	Controller of Administration	31 / 10 / 2016	J-Supernnaution	
B.I.T.M., Kolkata	Shri. R. P. Bhagat	Controller of Finance & Accounts	31 / 10 / 2016	J-Supernnaution	
B.I.T.M., Kolkata	Prasenjit Dhauria	Exhibition Assistant 'A'	11 / 11 / 2016	Resignation	
B.I.T.M., Kolkata	Tnmoy Sinha	Library Assitant 'A'	24 / 01 / 2017	Resignation	
Appointment					
Museum / Centre	Name	Designation	Date of Appointment	Remarks	
SSC Patna	Shri Yogesh Tamang	Technician 'A'	01 / 06 / 2016	Regular Appoinment	
DSC Purulia	Zafar Alam	Technician 'A'	03 / 06 / 2016	Regular Appointment	
DSC Digha	Sachin Kr. Balmiki	Technician 'A'	24 / 01 / 2017	Regular Appointment	
Promotion					
Museum / Centre	Name Shri / Smt	Designation before promotion	Designation after Promotion / upgradation	Date of promotion / upgradation	Date of issue of promotion orders
SSC, Patna	Swaup Mondal	Curator 'B'	Curator 'C'	01/07/2014	13/05/2016
DSC, Digha	Subha Sankar Ghosh	Curator 'B'	Curator 'C'	23/08/2014	13/05/2016
SC, Burdwan	Raj Narayan Das	Edn.Officer 'A'	Officer 'B'	14/12/2015	22/06/2016
NBSC, Siliguri	Debashis Halder	Technician 'A' '	Technician 'B'	06/04/2015	22/06/2016
BITM, Kolkata	Amit Raj	Technician 'A'	Technician 'B'	15/04/2015	22/06/2016
BITM, Kolkata	Arun Halder '	Technician 'A'	Technician 'B'	18/04/2015	22/06/2016
NBSC, Siliguri	Kamalendu Roy	Technician 'E'	Tech. Assistant 'B'	05/06/2015	30/06/2016 (SO)
BITM, Kolkata	Ujjal Das	Technician 'C'	Technician 'E'	01/11/2015	30/06/2016
DSC, Purulia	P. K. Barman	Technician 'E' Tech	Assistant 'B'	08/06/2015	30/06/2016 (SO)
NBSC, Siliguri	Ram Swaroop	Curator 'B'	Curator 'C'	23/08/2015	27/08/2016

Promotion Contd.

DSC, Purulia	Ritabrata Biswas	Curator 'B'	Curator 'C'	01/10/2015	27/08/2016
BITM, Kolkata	Sudipta Saha	Curator 'B'	Curator 'C'	11/10/2015	27/08/2016
BITM, Kolkata	Saikat Sikdar	AEE	Executive Engineer	19/08/2015	27/08/2016
RSC, BBSR	H. S. Satpathy	Edn.Officer 'B'	Edn.Officer 'C'	12/06/2015	27/08/2016
BITM, Kolkata	Kanishka Chakraborty	Edn.Officer 'B'	Edn.Officer 'C'	20/10/2015	27/08/2016
BITM, Kolkata	R. P. Bhagat	Sr. F& AO	CoFA	06/10/2016	06/10/2016
BITM, Kolkata	Subhasish Paul	Section Officer	CoA	06/10/2016	06/10/2016
BITM, Kolkata	R. B. Marik	Sr. Steno	Pvt. Secretary	17/10/2016	06/10/2016
BITM, Kolkata	Debarshi Bose	Jr. Steno	Sr. Stenographer	07/11/2016	07/11/2016
BITM, Kolkata	Tapas Kr. Paul	Astt(F&A)	SO(Admn)	01/12/2016	01/12/2016
BITM, Kolkata	A.K. Sardar	SPO	Dy. CoF&A	01/12/2016	01/12/2016

Transfer

Museum / Centre	Name S/Shri/Smt.	Transfer from	Transfer to	Date of Transfer / resignation
BITM, Kolkata	S. D Sharma, SO (F & A)	BITM, Kolkata	NSC Delhi	15/07/2016
BITM, Kolkata	Nanda Dulal Das, Tech- A	BITM, Kolkata	SSC Patna	31/05/2016
BITM, Kolkata	J.K. Mitra, Technician- C	SSC Patna	BITM, Kolkata	31/05/2016
SSC Patna	P. Mukhopadhyay, Cr. 'E'	SSC Patna	Science City	10/04/2017
SSC Patna	Swarup Mondol , Cr. 'C'	SSC Patna	NSC Delhi	20/04/2017
NBSC, Siliguri	Ram Swaroop, Cr. 'C'	NBSC, Siliguri	SSC Patna	31/03/2017

Transfer (Contd.)

BITM, Kolkata	Arup Chakroborty, SO	NCSM	BITM, Kolkata	12 / 05 / 2016
BITM, Kolkata	Mahadeb Das, Asst F & A	NCSM	BITM, Kolkata	1 / 12 / 2016
BITM, Kolkata	Ashish Mazumder, Asst S & P	CRTL	BITM, Kolkata	15 / 07 / 2016

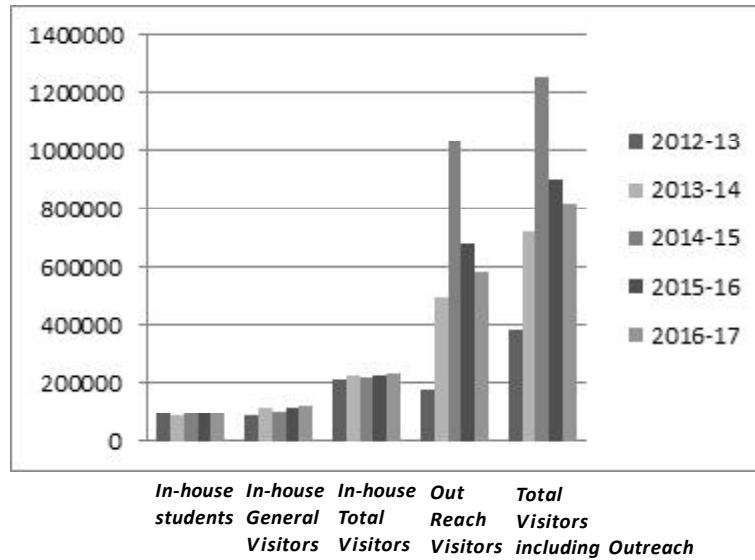
Expenditure

Non - Plan (Rs. in Lakhs)									
Particulars	BITM, Kolkata	S.S.C., Patna	D.S.C., Purulia	R.S.C., Bhub	S.C., Bardh	S.C., Dhen	Digha S.C.	N.B.S.C, Siliguri	Total
Gross	1429.13	164.07	68.59	170.19	98.96	67.29	81.47	96.45	2176.15
Receipts	153.83	68.90	17.17	39.33	27.26	7.71	89.70	48.57	452.47
Net	1275.30	95.17	51.42	130.86	71.70	59.58	-8.23	47.88	1723.68
Plan (Rs. in Lakhs)									
Gross	277.93	53.69	63.76	84.30	51.09	44.71	50.38	113.75	739.61
Total P+NP	1553.23	148.86	115.18	215.16	122.79	104.29	42.15	161.63	2463.29

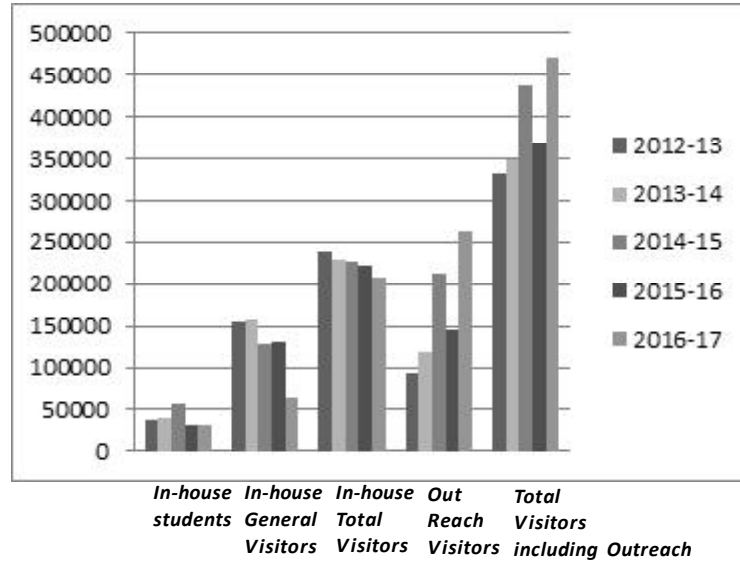
Expenditure (2015-2016) Innovation Hub (Rs. in Lakhs)									
Particulars	BITM, Kolkata	S.S.C., Patna	DSC Purulia	R.S.C., Bhub	S.C., Bardh	DSC Digha	NBSC Siliguri	S.S.C., Gangtok	Total
Gross Exp	11.89	10.57	4.78	80.87	21.24	1.77	71.27	0.11	202.50

Yearwise comparison of visitors' footfall

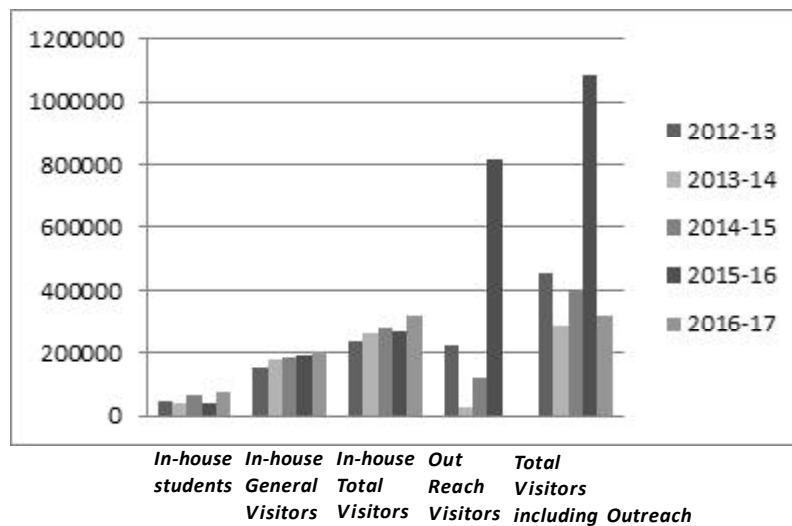
BITM, Kolkata



RSC, Bhubaneswar

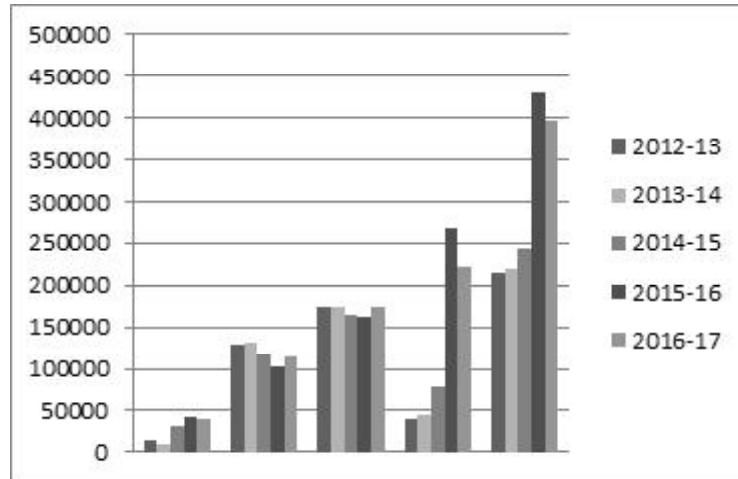


SSC, Patna



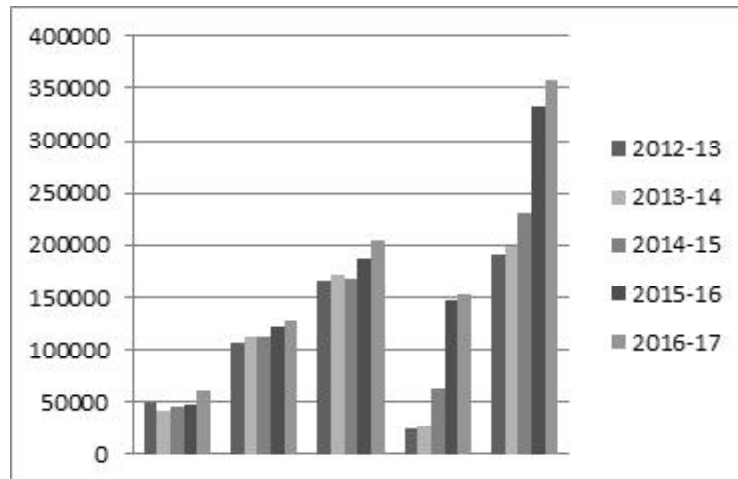
Yearwise comparison of visitors' footfall

DSC, Purulia



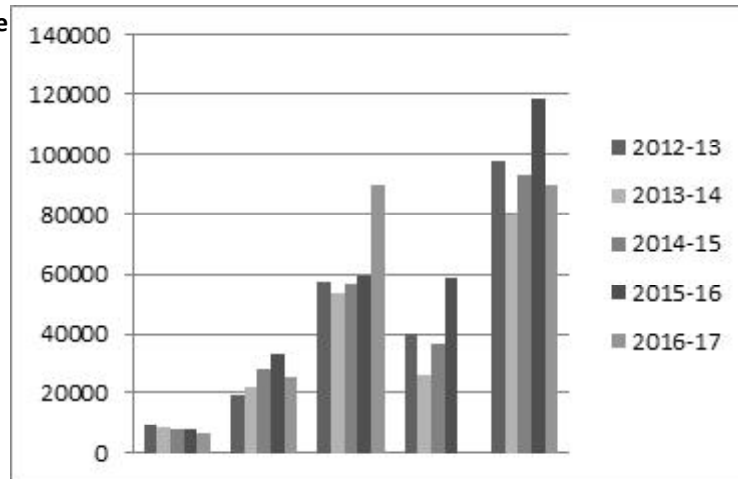
In-house students In-house General Visitors In-house Total Visitors Out Reach Visitors Total Visitors including Outreach

Bardhaman Science Centre



In-house students In-house General Visitors In-house Total Visitors Out Reach Visitors Total Visitors including Outreach

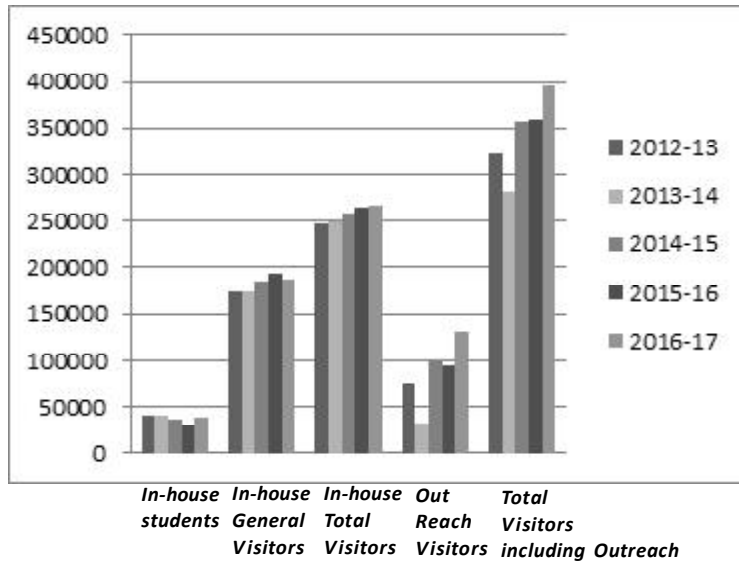
Dhenkanal Science Centre



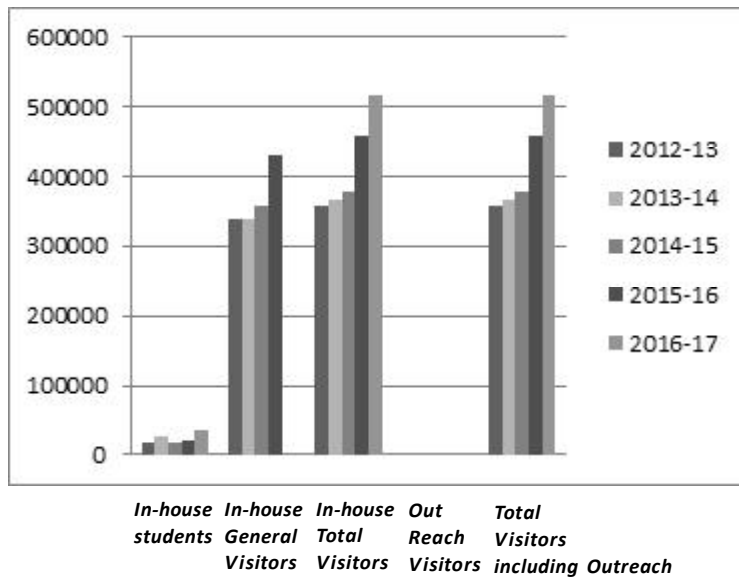
In-house students In-house General Visitors In-house Total Visitors Out Reach Visitors Total Visitors including Outreach

Yearwise comparison of visitors' footfall

NBSC, Siliguri



Digha Science Centre



Kapilas Science Park

