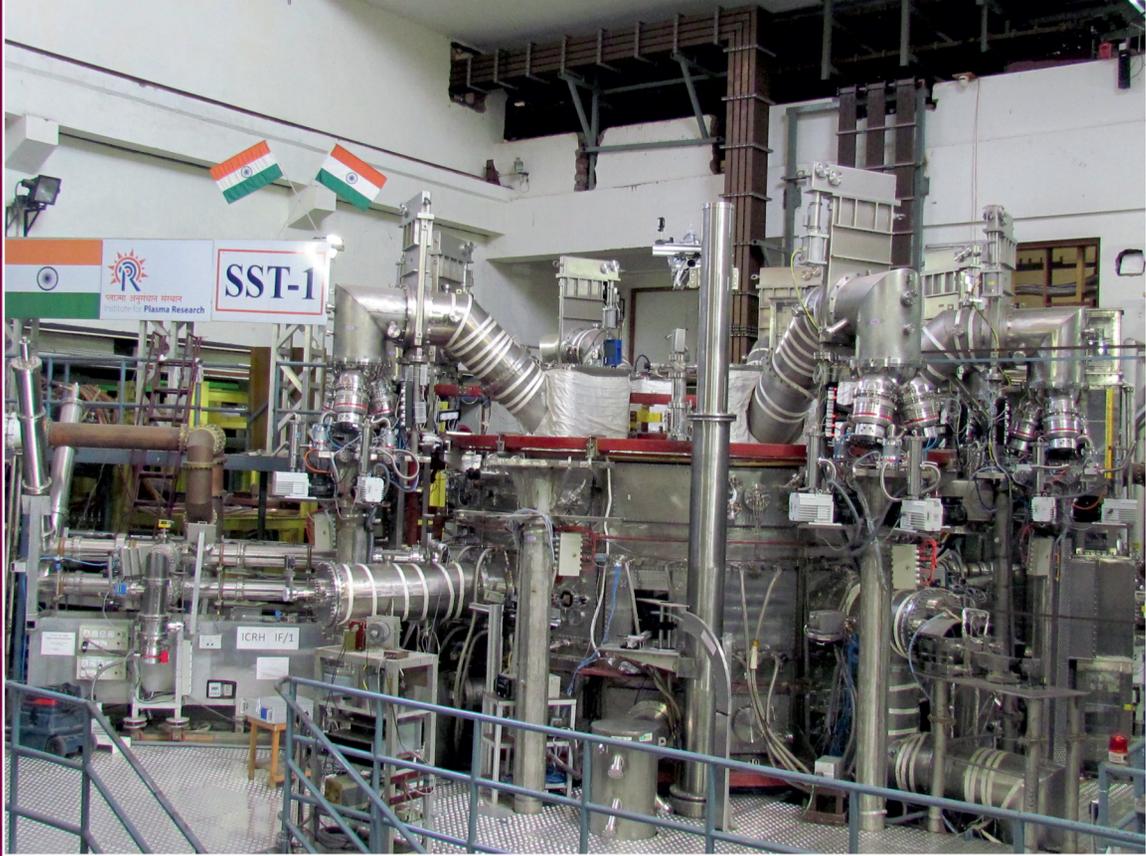


होमी भाभा राष्ट्रीय संस्थान Homi Bhabha National Institute



वार्षिक प्रतिवेदन

Annual Report

2013-2014



प्रशिक्षण विद्यालय परिसर

Training School Complex

अणुशक्तिनगर, मुंबई - 400 094

Anushaktinagar, Mumbai 400 094

Constituent Institutions (CIs) of HBNI

1. Bhabha Atomic Research Centre (BARC), Mumbai
2. Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam
3. Raja Ramanna Centre for Advanced Technology (RRCAT), Indore
4. Variable Energy Cyclotron Centre (VECC), Kolkata
5. Saha Institute of Nuclear Physics (SINP), Kolkata
6. Institute for Plasma Research (IPR), Gandhinagar
7. Institute of Physics (IOP), Bhubaneswar
8. Harish-Chandra Research Institute (HRI), Allahabad
9. Institute of Mathematical Sciences (IMSc), Chennai, and
10. Tata Memorial Centre (TMC), Mumbai.



**Council of Management
(CoM)**

Dr. Ratan Kumar Sinha Chairman, AEC	Chairman
Prof. R. B. Grover Director HBNI	Member
Dr. S. Basu Director, BARC	Member
Prof. P.R. Vasudeva Rao Director, IGCAR	Member
Prof. R.A. Badwe Director, TMC	Member
Prof. Dhiraj Bora Director, IPR	Member
Shri V. V. Bhat / A P Joshi / S Srinivasan Member for Finance, AEC	Member
Shri Ashok Thakur Secretary Higher Education, MHRDD	Member
Prof. Arun Nigavekar Trustee & Senior Advisor, Science & Technology Park, University of Pune	Member
Prof. Sudhir K. Sopory Vice-Chancellor Jawaharlal Nehru University New Delhi	Member
Prof. B. K. Dutta Dean HBNI	Member-Secretary



Academic Council

Prof. R.B. Grover	Chairman
Dr. S. Basu	Director, BARC
Prof. P.R. Vasudeva Rao	Director, IGCAR
Prof. P.D.Gupta	Director, RRCAT
Prof. D. Bora	Director, IPR
Prof. Dinesh Srivastava	Director, VECC & Convener, BoS (Physical Sciences)
Prof. R. A. Badwe	Director, TMC
Prof. M. K. Sanyal / B. K. Chakrabarti	Director, SINP
Prof. R. Balasubramanian	Director, IMSc
Prof. Jayanta K. Bhattacharjee	Director, HRI
Prof. A.M. Jayannabar/ Ajit Srivastava / Sudhakar Panda	Director, IoP
Prof. Dipan Ghosh	IIT-Bombay
Prof. K. Muralidhar	IIT-Kanpur
Prof. Srinivasa Ranganathan	IISc, Bangalore
Prof. S.Ramakrishnan	TIFR, Mumbai
Prof. B.M.Deb	IISER, Kolkata
Prof. S.K. Apte	Convener, BoS (Life Sciences)
Prof. R. Ramanujam	Convener, BoS (Mathematical Sciences)
Prof. P.K. Vijayan	Convener, BoS (Engineering Sciences)
Prof. K.L. Ramakumar	Convener, BoS (Chemical Sciences & Strategic Studies)
Dr. K. S. Sharma	Convener, BoS (Health Science)
Prof. B. K. Dutta	Member Secretary



From the Director

Higher education in India is going through unprecedented expansion. In spite of impressive growth in the recent years, Gross Enrolment Ratio (GER) for the age group 18-23 is only 19%¹. The ongoing 12th Five Year Plan envisages a quantum jump in the GER². There is a concern about the fact that universities in India do not find a place amongst the top global universities. To address all issues related to higher education, the Government has launched 'Rashtriya Uchchatar Shiksha Abhiyan' (RUSA)³, a campaign for higher education. To improve quality of higher education, among other aspects, the RUSA recognizes the importance of research and research universities. It says, "Research universities stand at the centre of the 21st century global knowledge economy and serve as flagships for higher education worldwide." Philip G. Altbach defines research universities as "academic institutions committed to the creation and dissemination of knowledge, in a range of disciplines and fields, and featuring the appropriate laboratories, libraries, and other infrastructures that permit teaching and research at the highest possible level."⁴ While a vast majority of post-secondary institutions focuses on under-graduate education, the focus in a research university is research and research based degrees.



Simultaneous with its expansion, higher education is coming closer to work places. This is influencing both: the way higher education is designed in terms of curriculum and topics of research, and the way work places go about their work. Constraints imposed by rising costs of inputs due to depleting resources and concerns about sustainability of resources and environment are propelling industries to work closely with researchers from universities. The academics in the universities are looking up to industry for funding research and are tailoring their research to meet industry requirements.

Several academic programmes in universities and institutes have been designed to tailor to the requirements of work places.

Focusing on research, one notes that the national research framework in India has a particular structure. A major fraction of the research funded by the Central Government is conducted in the national laboratories and a majority of them belong to the Department of Atomic Energy (DAE), the Department of Space (DOS), the Defense Research and Development Organization (DRDO) and the Council of Scientific and Industrial Research (CSIR). Realizing the importance of university functions and also the importance of efficiently discharging those function, all these agencies have to some extent internalized such functions. The DAE has two deemed universities under its fold viz., Tata Institute of Fundamental Research (TIFR) accredited in May 2002 and Homi Bhabha National Institute (HBNI)

¹ Report on All India Survey on Higher Education (2010-11), released in 2013.

² University Grants Commission, "Inclusive and Qualitative Expansion of Higher Education: 12th Five Year Plan, 2012-17.

³ http://www.mhrd.gov.in/sites/upload_files/mhrd/files/RUSA_final090913.pdf

⁴ Philip G Altbach, "Advancing the national and global knowledge economy: the role of research universities in developing countries", Studies in Higher Education, 2013, Vol 38, No 3, 316-330.



accredited in June 2005. The DOS has the Indian Institute of Space Science and Technology (IISST) set up in 2007 and accredited as a deemed to be university in July 2008. The DRDO has Defense Institute of Armament Technology, which was accredited as a deemed to be university in September 1999, and the CSIR has set up the Academy for Scientific and Innovative Research under an Act of Parliament notified in 2012. Apart from IIST and DIAT, focus in other universities viz., HBNI, TIFR and AcSIR is on post-graduate education and research. This development brings in a new concept of a research university.

Speaking about HBNI, it is a research university. Its faculty, which is based in its Constituent Institutions, is primarily engaged in research. It is rigorously meritocratic in hiring and promotion of faculty, admissions and progression of students and in everything it does. Since its constituent institutions had been engaged in research prior to its setting up, it has been able to hit the ground running.

This annual report gives a brief account of the activities during 2013-14 and also tells all about the Institute at a glance. Its output of doctoral theses and other post-graduate degrees is indeed impressive and continues to steadily grow.



Introduction

The HBNI has the following as its Constituent Institutions (CIs).

1. Bhabha Atomic Research Centre (BARC), Mumbai
2. Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam
3. Raja Ramanna Centre for Advanced Technology (RRCAT), Indore
4. Variable Energy Cyclotron Centre (VECC), Kolkata
5. Saha Institute of Nuclear Physics (SINP), Kolkata
6. Institute for Plasma Research (IPR), Gandhinagar
7. Institute of Physics (IOP), Bhubaneswar
8. Harish-Chandra Research Institute (HRI), Allahabad
9. Institute of Mathematical Sciences (IMSc), Chennai, and
10. Tata Memorial Centre (TMC), Mumbai.

The role of HBNI is to nurture in-depth capabilities in nuclear science and engineering and to serve as a catalyst to accelerate the pace of basic research and facilitate its translation into technology development and applications through academic programmes, viz., Master's and Ph.D. degrees in Engineering, Physical, Chemical, Mathematical, Life and Health Sciences while encouraging inter-disciplinary research. Additionally, a Strategic Studies programme has also been identified to ensure availability of adequate qualified human resources to address issues pertaining to nuclear law, economics of nuclear power, nuclear security, nuclear proliferation, intellectual property rights etc.

In 2006, the Government of India decided to strengthen science education and set up institutions for science education and research in various parts of the country. One such institution, the National Institute for Science Education and Research (NISER) was setup at Bhubaneswar by the Department of Atomic Energy (DAE) as a project of the Institute of Physics. Academic programmes of this institute were started as a part of IOP and thereby under HBNI. Steps are being taken to make NISER an independent CI of HBNI.

Academic Programmes of the Institute

The HBNI offers a range of academic programmes in chemical sciences, engineering sciences, health sciences, life sciences, mathematical sciences and physical sciences. It also has a programme in strategic studies. Except for NISER, all other institutions conduct programmes at post-graduate level. Various programmes offered are the following.

Ph.D. in varied disciplines is offered at all CIs. HRI and IMSc also offer an integrated Ph.D. programme where students study for **M.Sc.** as well as Ph.D.

M.Tech. in engineering sciences and **M.Phil.** in physical sciences, chemical sciences and life sciences. These programmes consist of one year of course work and one year of project work. The course work is offered at all campuses of BARC Training School and project work is offered at BARC, IGCAR, RRCAT VECC and some



other units of DAE. Those who are not interested in project work get a diploma in lieu of a M.Tech. or a M.Phil.

M.Sc. (Engg) in which research content is more than that in a M.Tech. programme. The duration of the project work under this programme is one and half year, while the duration of the course work is up to one year. This programme is offered at BARC, IGCAR, VECC and RRCAT and has been tailored for the employees of the Department.

Integrated M.Sc. of five-year duration at NISER.

Super Specialty Courses at TMC

- **D.M.** (Medical Oncology)
- **M. Ch.** (Surgical Oncology)
- **M. Ch.** (Gynaecological Oncology)

Post Graduate Courses at TMC

- **M.D.** (Pathology)
- **M.D.** (Anaesthesiology)
- **M.D.** (Radio-diagnosis),
- **M.D.** (Radiotherapy),
- **M.D.** (Microbiology), and
- **M.D.** (Immuno Haematology & Blood Transfusion)

DRM: Diploma in Radiation Medicine at BARC.

M.Sc. (Nursing) at TMC.

Dip.R.P.: Diploma in Radiological Physics at BARC.

DMRIT: Diploma in Medical Radio Isotope Techniques at BARC.

The Institute offers a unique Ph.D. programme where students are encouraged to work at the interface of basic research and technology development. Under this programme, they work under the guidance of two supervisors, one having strength in basic research and the other in technology development.

Around 1500 students are pursuing Ph.D. in various disciplines.

All the Constituent Institutions have excellent library facilities having a large collection of books and subscribe to a large number of research journals. All journals are available to researchers on their desktops.



Major developments during the year

HBNI became a grant-in-aid institution of the Department of Atomic Energy with effect from February 13, 2013.

The Institute has been functioning since 2005, and has evolved several good practices. For wider dissemination of good practices, documents such as General Guidelines for various programmes, Roles and Responsibilities of faculty and officers of the Institute were drafted, and application forms were amended in the light of experience gained. All these documents were uploaded on HBNI portal after the approval by the Standing Committee of Deans-Academics.

HBNI has submitted a request to the National Assessment and Accreditation Council (NAAC) for accreditation.



13th Council of Management Meeting held on December 21, 2013 at Chairman's Office, OYC, DAE



Academic Council Meeting held on May 3, 2013 at 2nd floor HBNI Council Hall, Training School Complex, Anushaktinagar, Mumbai

Important decisions taken during the meetings

- a) The CoM decided to limit the upper age for joining Ph.D. programme to 56 years (CoM: 21.12.2013).
- b) The CoM approved updated version of some of the existing ordinances, and ordinances drafted for new courses. (CoM: 21.12.2013)
- c) AC decided framework for granting extensions for completion of Ph.D (AC: 03.05.2013)
- d) AC concurred with the recommendation that an employee who has superannuated can continue to be a member (including chairman) of doctoral committees for a period of up to one year (AC: 03.05.2013).
- e) AC noted that some of the students who complete one year course work at IMSc with NBHM fellowship are good and the institute should not let go of good students. Keeping in view UGC Regulations 2009, IMSc should conduct a selection interview and enroll them for Ph.D. after fully satisfying itself about the quality of students (AC: 03.05.2013).



Admissions & Results

Admissions : 2013

S.No.	Programme	BARC	IGCAR	RRCAT	VECC	SINP	IPR	IOP#	HRI	TMC	IMSc	TOTAL
1	PGD (Science)	22	16									38
2	PGDRM	4										4
3	PGDMRIT	9										9
4	DipRP	25										25
5	I. M.Sc. [§]							60				60
6	M. Sc. (Engg.)	12	10		2							24
7	M. Tech.	193	32	18								243
8	M. Phil.											
9	Ph. D. (Engg.)	50	17	1	3							71
10	Ph. D. (Phys.)	47	14	12	2	1	12	14	3		8	113
11	Ph. D. (Chem.)	30	8					2				40
12	Ph. D. (Life)	9						4		18	3	34
13	Ph. D. (Math.)							5	9		6	20
14	Ph. D. (Hlth.)									7		7
15	Ph. D. (Stra.)	1										1
16	I. PhD (Phys.)								8		9	17
17	I. PhD (Math.)										2	2
18	M. Ch.									22		22
19	M. D.									66		66
20	D. M.									21		21
21	C. Fellowship									15		15
22	Nursing									6		6
	Total	402	97	31	7	1	12	85	19	155	28	837

includes NISER enrolments

PGD: Post Graduate Diploma in Nuclear Science and Engineering

DRM: Diploma in Radiation Medicine, DMRIT: Diploma in Medical Radio Isotope Techniques

Dip. R. P.: Diploma in Radiological Physics

M. Tech: Master of Technology, M. Phil: Master of Philosophy

I. M.Sc.: Integrated M. Sc. at NISER under IoP

M. Sc. (Engg.): Master of Science (Engineering)

Ph. D.: Engineering, Physics, Chemistry, Life, Mathematics, Health and Strategic Studies, IPhD: Integrated Ph. D.

M. Ch.: Surgical Oncology, MD: Pathology, Radiotherapy, Radiodiagnosis, Anaesthesia

DM: Medical Oncology

C. Fellowship: Certified Fellowship programme of 2 Years under Health Sciences

Nursing : M.Sc. (Nursing) programme of 2 years under Health Sciences



Results declared during April 1, 2013 – March 31, 2014

Results approved during the 12th meeting of the Council of Management

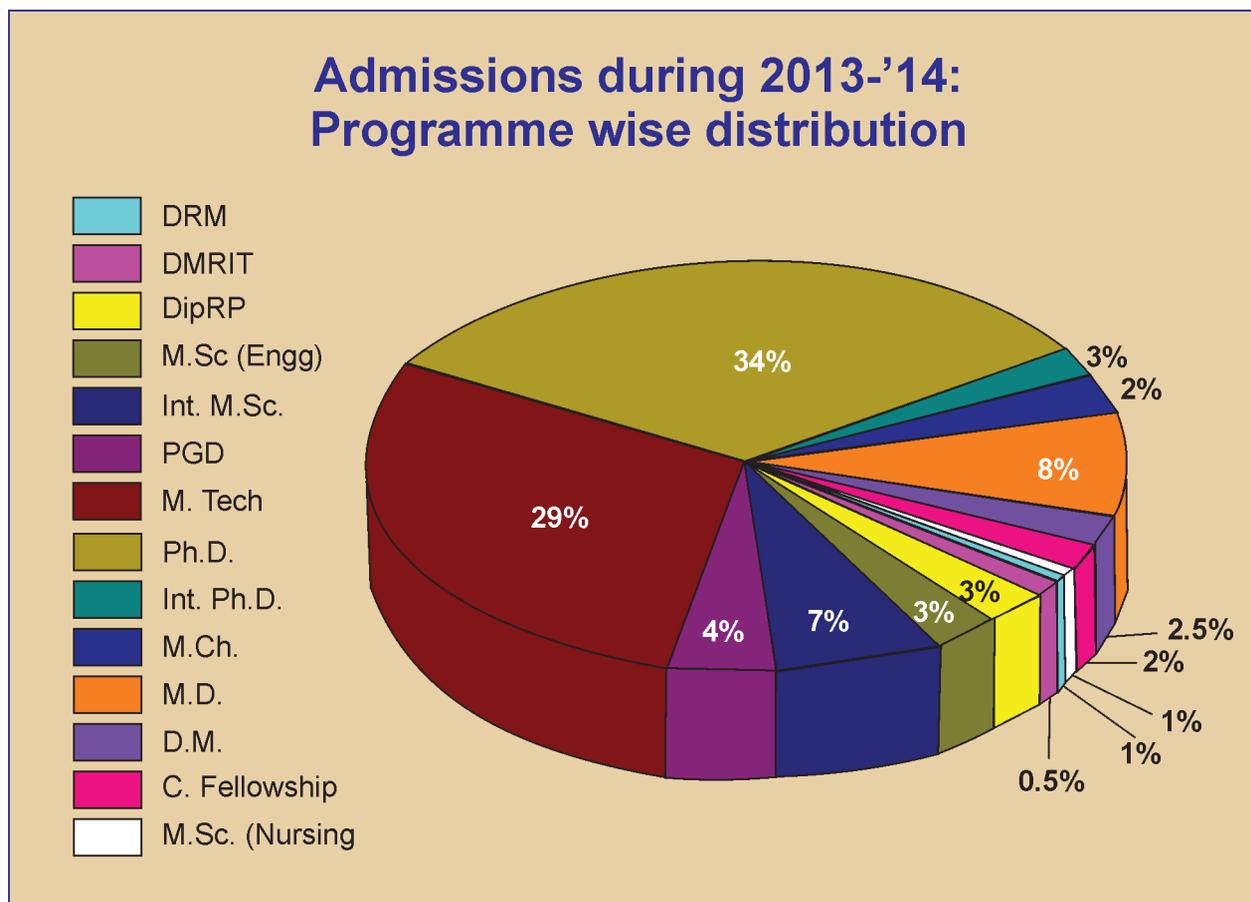
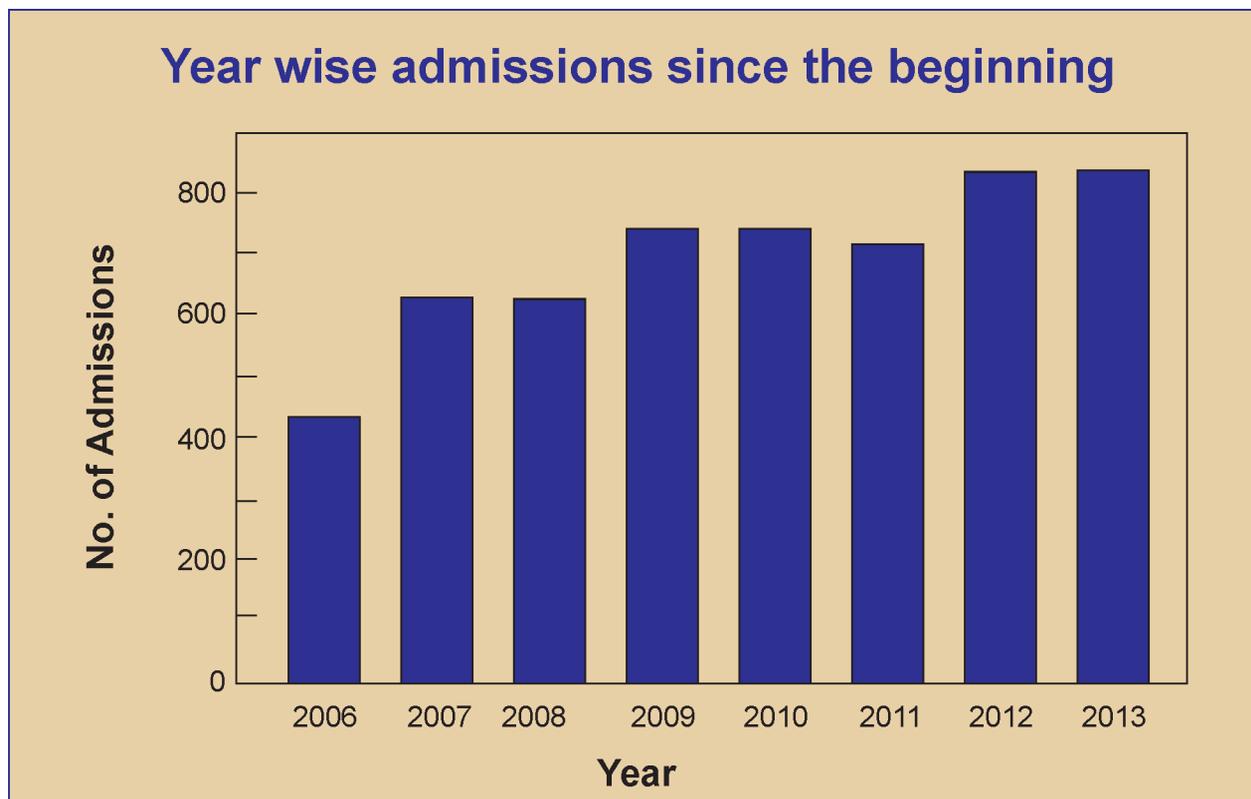
Sr.No.	Degree/Diploma	No.
1.	M. Tech.	29
2.	M. Sc.(As part of Int. Ph. D.)	17
3.	M. Sc. (Engg.)	2
4.	Ph. D.	26
5.	Int. M. Sc.(NISER, IoP)	23
	Total	97

Results approved during the 13th meeting of the Council of Management

Sr.No.	Degree/Diploma	No.
1.	M. Tech.	69
2.	M. Sc. (Engg.)	1
3.	M. Sc.(As part of Int. Ph. D.)	7
4.	Ph. D.	54
5.	M.D./D.M./M.Ch	51
6.	DRM	7
7.	DMRIT	4
8.	M.Sc.(Nursing)	6
		199

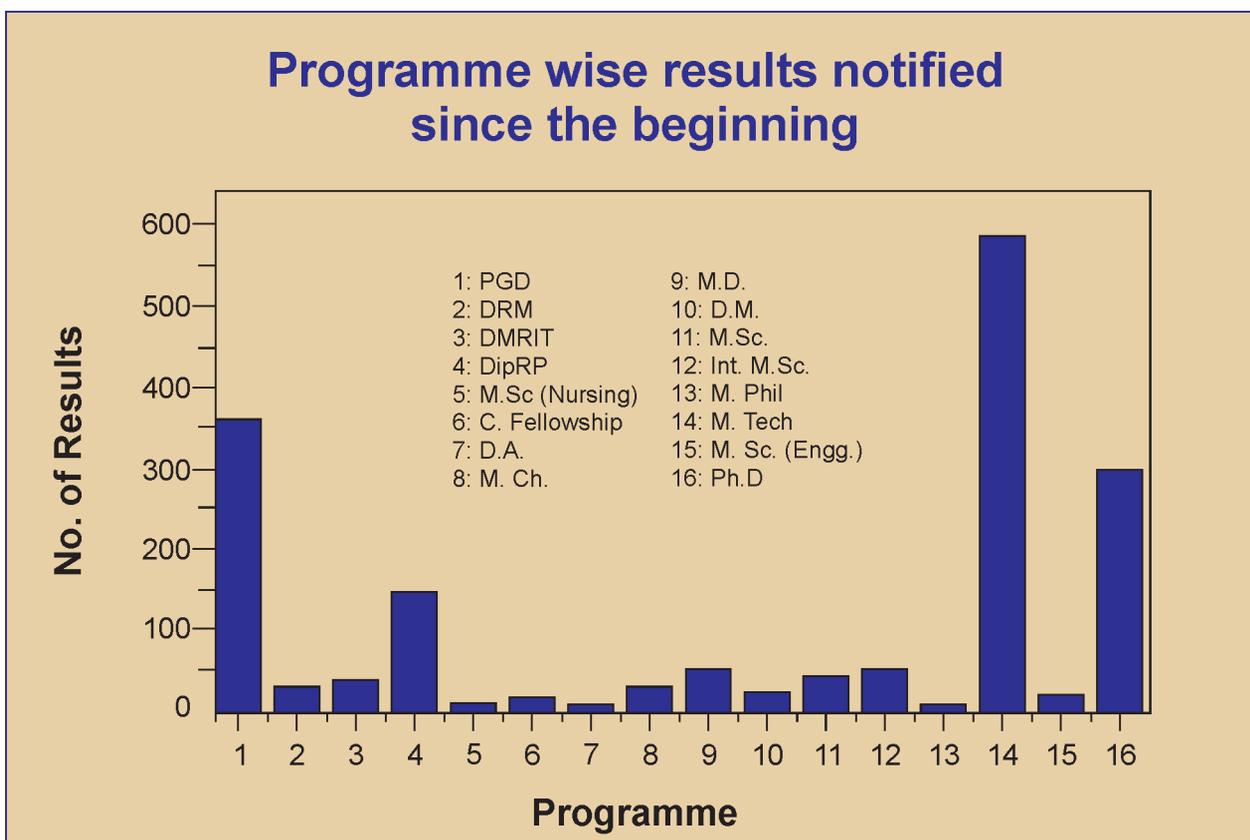
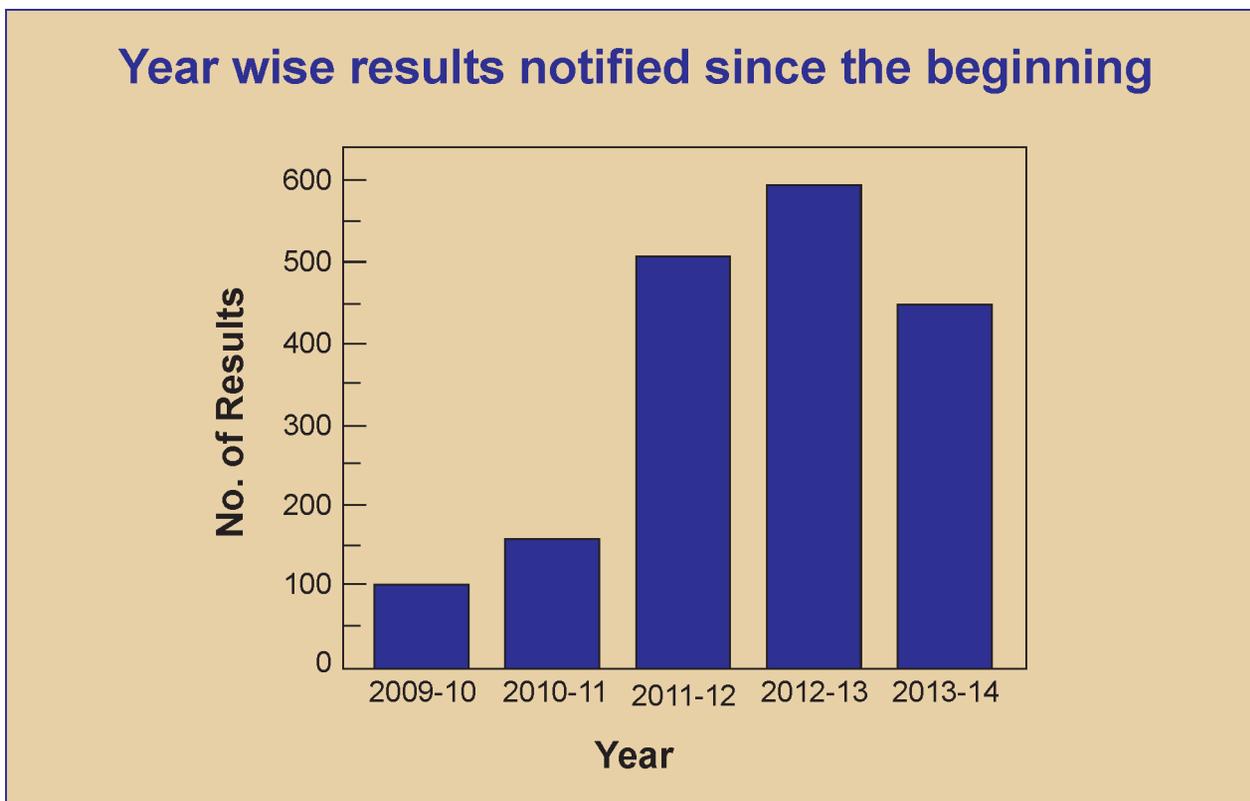


The Institute at a Glance



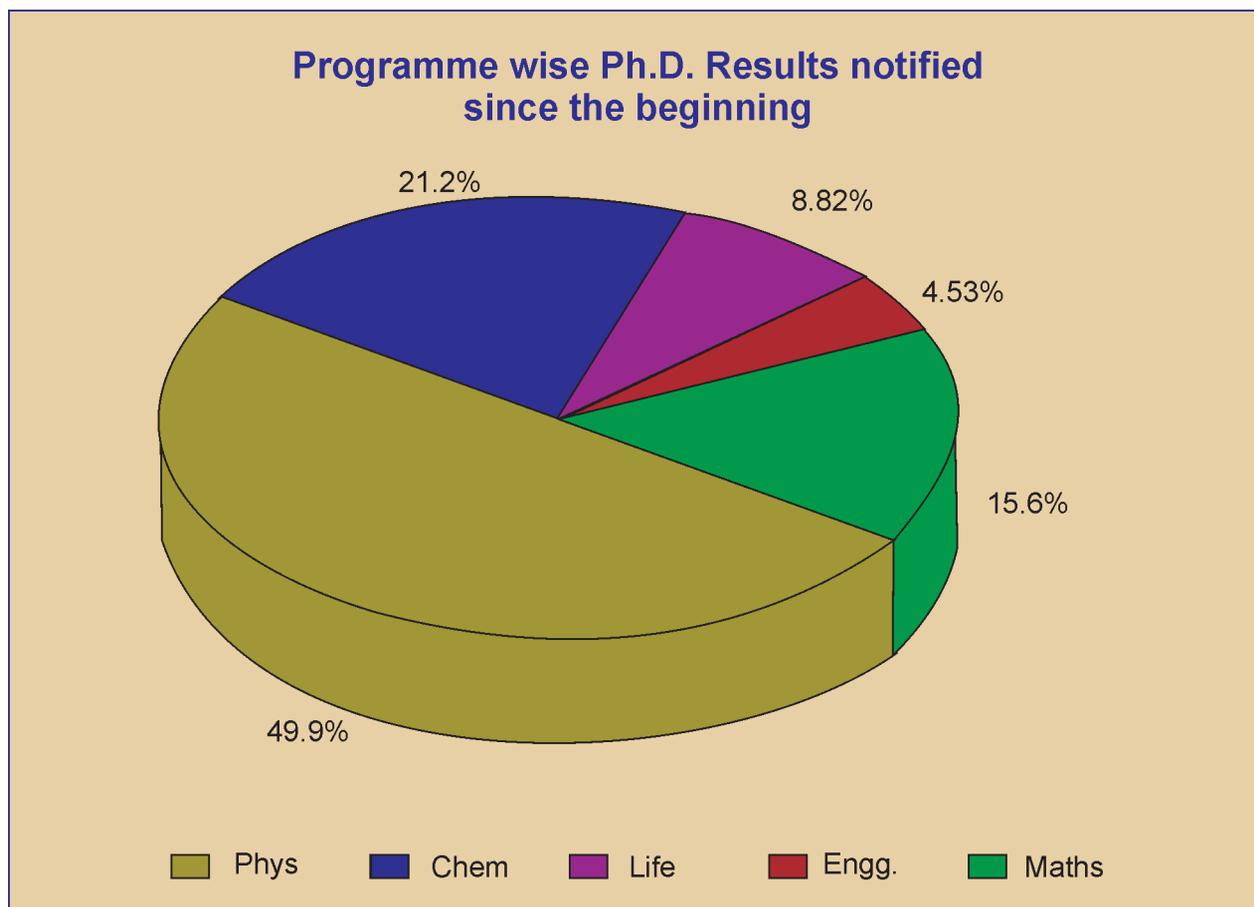
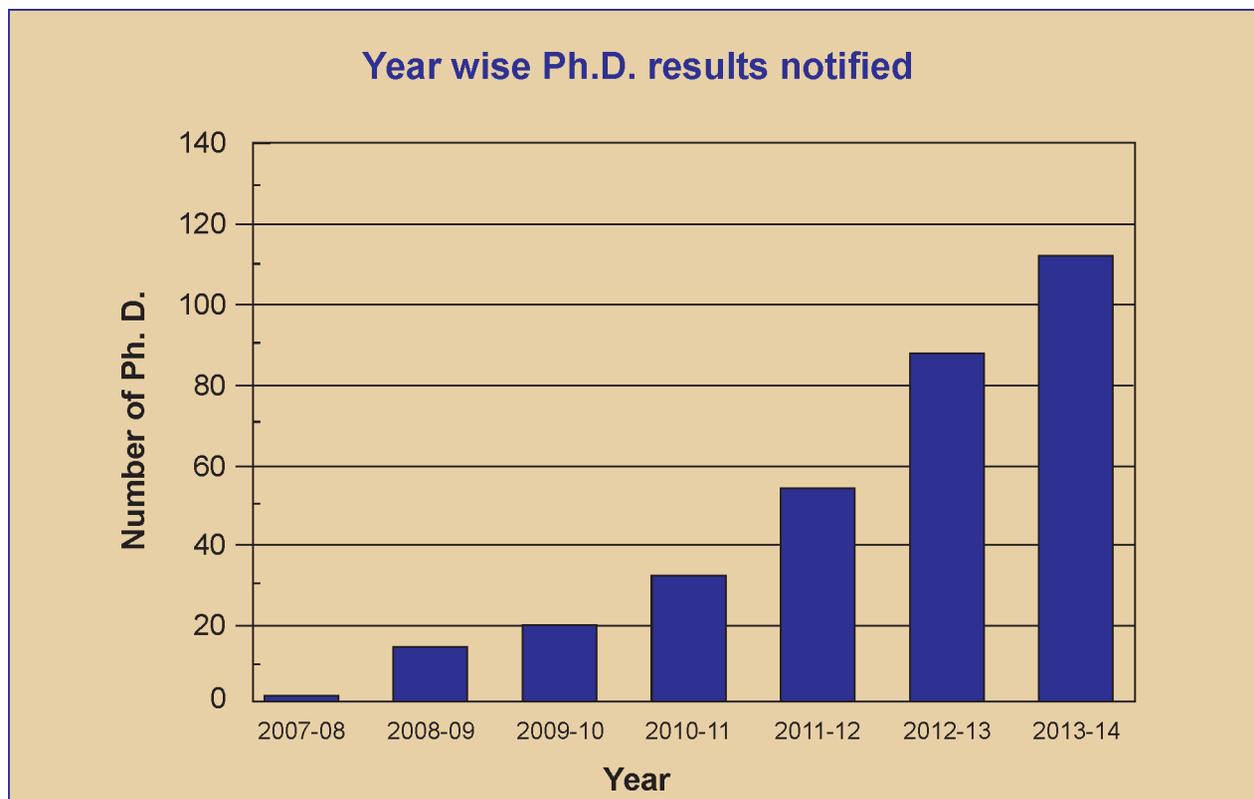


The Institute at a Glance



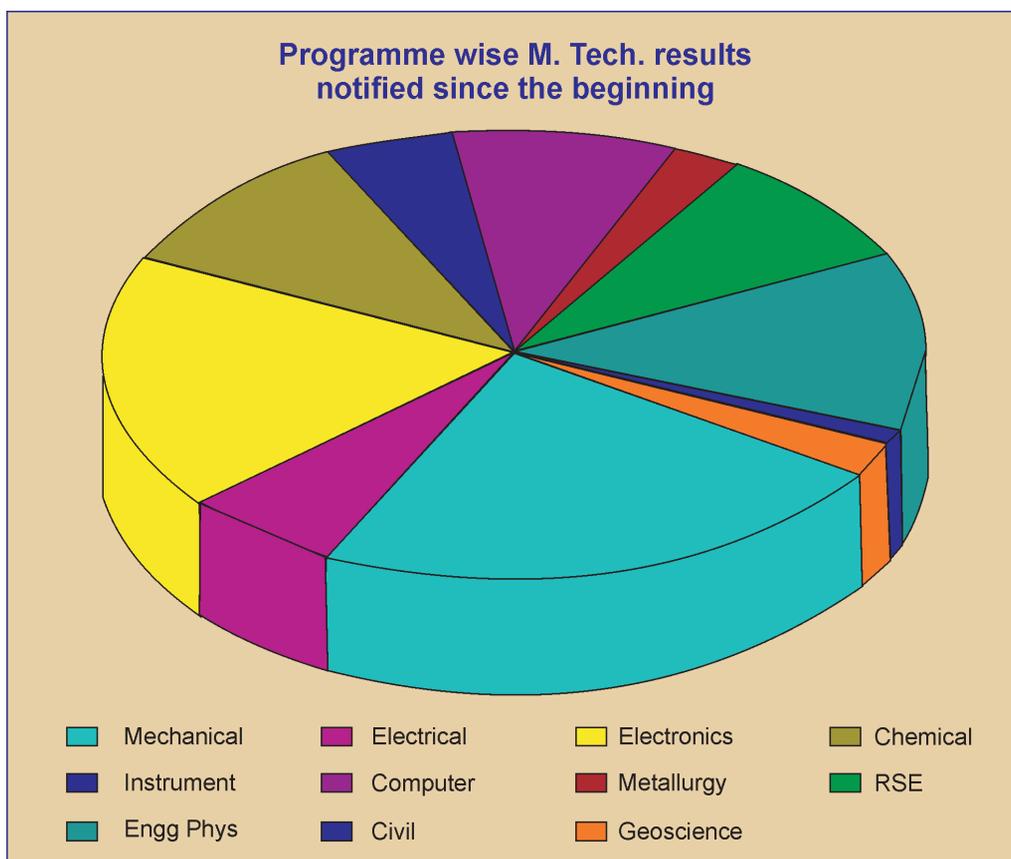
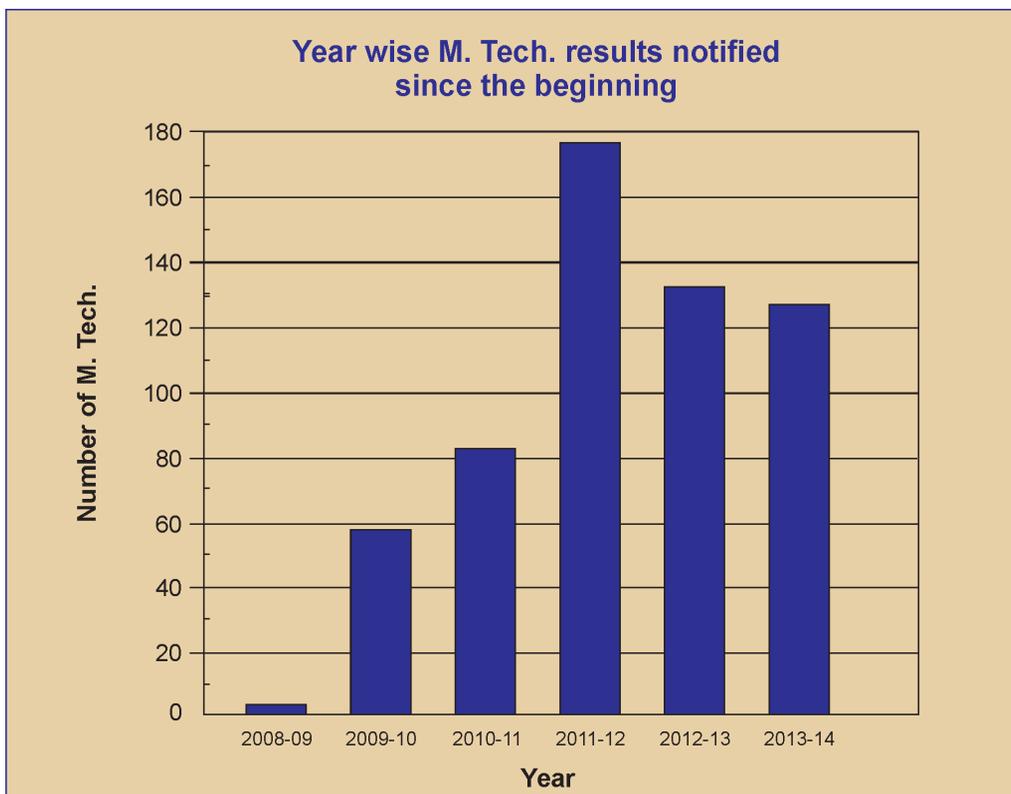


The Institute at a Glance





The Institute at a Glance





Financial Statement as on 31st March, 2014
in Uniform format for Central Autonomous Bodies
HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
ANUSHAKTINAGAR, MUMBAI:- 400 094.

BALANCE SHEET AS AT 31/03/2014

(Amount-Rs)

LIABILITIES	Schedule	Current Year	Previous Year
CORPUS / CAPITAL FUND RESERVES AND SURPLUS CURRENT LIABILITIES AND PROVISIONS	1	22,107,938	14,475,407
TOTAL		22,107,938	14,475,407
ASSETS	Schedule	Current Year	Previous Year
FIXED ASSETS CURRENT ASSETS, LOANS & ADVANCES	2	22,107,938	14,475,407
TOTAL		22,107,938	14,475,407
SIGNIFICANT ACCOUNTING POLICIES	9		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	10		

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
Chartered Accountants
FRN - 121829 W



Sd/-
Finance Officer

Sd/-
Dean

Sd/-
Director

Sd/- (with stamp)
Vivek Joshi
Partner
M No. 038293



HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
ANUSHAKTINAGAR, MUMBAI:- 400 094.

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31/03/2014

(Amount-Rs)

INCOME	Schedule	Current Year	Previous Year
Grants/ Subsidies	3	4,591,295	-
Fees/Subscriptions	4	7,175,321	3,628,520
Interest Earned	5	644,457	494,687
TOTAL = A		12,411,073	4,123,207
EXPENDITURE	Schedule	Current Year	Previous Year
Establishment Expenses	6	783,008	337,046
Other Administrative Expenses	7	320,571	35,326
Reimbursement of Fees	8	2,069,081	114,440
Financial Assistance		1,605,882	1,508,719
TOTAL = B		4,778,542	1,995,531
BALANCE BEING SURPLUS CARRIED TO RESERVES & SURPLUS = A - B		7,632,531	2,127,676
SIGNIFICANT ACCOUNTING POLICIES	9		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	10		

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
Chartered Accountants
FRN - 121829 W

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HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31/03/2014

SCHEDULE 1 -RESERVES & SURPLUS

(Amount-Rs)

Particulars	Current Year		Previous Year	
Revenue Reserve:				
As per last Account	14,475,407		12,347,731	
Add: Surplus as per Income & Expenditure A/c	7,632,531	22,107,938	2,127,676	14,475,407
TOTAL		22,107,938		14,475,407

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
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HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31/03/2014

SCHEDULE 2 -CURRENT ASSETS, LOANS & ADVANCES

(Amount Rs)

Particulars	Current Year	Previous Year
A. CURRENT ASSETS		
1. Cash Balances in Hand	-	11,725
2. Bank Balances		
a) With Scheduled Banks:		
- On Savings Account	22,107,938	14,463,682
B. LOANS. ADVANCES AND OTHER ASSETS		
TOTAL	22,107,938	14,475,407

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
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HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31/03/2014

SCHEDULE 3 -GRANTS/SUBSIDIES

(Amount Rs)

Particulars	Current Year	Previous Year
(Irrevocable Grants & Subsidies Received)		
1. Central Government	4,591,295	-
2. State Government	-	-
3. Government Agencies	-	-
4. Institutions/Welfare Bodies	-	-
5. International Organisations	-	-
6. Others	-	-
TOTAL	4,591,295	-

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
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FRN - 121829 W



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HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31/03/2014

SCHEDULE 4 -FEES/SUBSCRIPTIONS

(Amount Rs)

Particulars	Current Year	Previous Year
1. Entrance & Evaluation Fees	4,256,500	3,628,520
2. Annual Fees/Subscriptions	-	-
3. Seminar/Program Fees	2,918,821	-
4. Consultancy Fees	-	-
5. Others	-	-
TOTAL	7,175,321	3,628,520

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
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HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31/03/2014

SCHEDULE 5 -INTEREST EARNED

(Amount Rs)

Particulars	Current Year	Previous Year
On Savings Account:		
1. With Scheduled Banks	644,457	494,687
2. With Non-Scheduled Banks	-	-
3. Post Office Savings Accounts	-	-
4. Others	-	-
TOTAL	644,457	494,687

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
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FRN - 121829 W



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HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31/03/2014

SCHEDULE 6 - ESTABLISHMENT EXPENSES

(Amount Rs)

Particulars	Current Year	Previous Year
1. Salaries & Wages	783,008	337,046
2. Allowances and Bonus	-	-
3. Contribution to Provident Fund	-	-
4. Staff Welfare Expenses	-	-
5. Expenses on Employees' Retirement and Terminal Benefits	-	-
6. Others	-	-
TOTAL	783,008	337,046

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
Chartered Accountants
FRN - 121829 W



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HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31/03/2014

SCHEDULE 7-OTHER ADMINISTRATIVE EXPENSES

(Amount Rs)

Particulars	Current Year	Previous Year
1. Postage, Telephone & Communication Charges	13,757	-
2. Printing & Stationary	23,812	20,080
3. Travelling & Conveyance Expenses	5,334	-
4. Auditors Remuneration	50,562	-
5. Bank Charges	408	1,534
6. Legal Fees	5,000	5,000
7. Office Expenses	95,854	4,720
8. Registration Fees	125,844	-
9. Miscellaneous Expenses	-	3,992
TOTAL	320,571	35,326

SCHEDULE 8-Reimbursement Of Fees

Particulars	Current Year	Previous Year
1. Reimbursement of Tution Fees	183,768	114,440
2. Reimbursement of Examination Fees	1,885,313	-
TOTAL	2,069,081	114,440

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
Chartered Accountants
FRN - 121829 W



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**HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH 2014**

RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
I. Opening Balances			I. Expenses		
a) Cash in hand	11,725	3,800	a) Establishment Expenses	783,008	337,046
b) Bank Balances			b) Administrative Expenses	320,571	35,326
i) In current accounts		-	c) Reimbursement of Fees	2,069,081	114,440
ii) In deposit accounts		-	d) Financial Assistance	1,605,882	1,508,719
iii) In savings accounts	14,463,682	12,343,931	II. Payments made against funds for various projects	-	-
II. Grants Received			III. Investments and deposits made		
a) From Government of India	4,591,295	-	a) Out of Earmarked/Endowment funds	-	-
b) From State Government	-	-	b) Out of Own Funds (Investments-Others)	-	-
c) From other sources	-	-	IV. Expenditure on Fixed Assets & Capital Work-in-Progress		
III. Income on Investments from			a) Purchase of Fixed Assets	-	-
a) Earmarked/Endowment Funds	-	-	b) Expenditure on Capital Work-in-progress	-	-
b) Own Funds	-	-	V. Refund of surplus money/Loans		
IV. Interest Received			a) To the Government of India	-	-
a) On Bank deposits	-	-	b) To the State Government	-	-
b) On Saving Bank	644,457	494,687	c) To other providers of funds	-	-
c) Loans, Advances etc.	-	-	VI. Finance Charges (Interest)	-	-
V. Other Income			VII. Other Payments	-	-
a) Enrollment & Evaluation Fees	4,256,500	3,628,520	VIII. Closing Balances		
b) Income from Conference	2,918,821	-	a) Cash in hand	-	11,725
VI. Amount Borrowed	-	-	b) Bank Balances		
VII. Any other receipts	-	-	i) In current accounts	-	-
			ii) In deposit accounts	-	-
			iii) In savings accounts	22,107,938	14,463,682
Total	26,886,480	16,470,938	Total	26,886,480	16,470,938

Place:- Mumbai.
Date:- 08/09/2014

As per our report of even date.
Vivek V. Joshi & Associates
Chartered Accountants
FRN - 121829 W

Finance Officer

Dean

Director

Vivek Joshi
Partner

M No. 038293





**HOMI BHABHA NATIONAL INSTITUTE
DEEMED UNIVERSITY UNDER UGC Act 1956.**

SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2014**SCHEDULE 9-SIGNIFICANT ACCOUNTING POLICIES****1. BASIS OF PRESENTATION**

The Financial statements are prepared under the Historical Cost convention in accordance applicable accounting standards and in the format prescribed by the Committee of Experts for Central Autonomous Bodies. However, since HBNI is also registered under The Bombay Public Trusts Act, 1950, the Financial statements have also been separately prepared in the format prescribed under the The Bombay Public Trusts Act, 1950.

2. METHOD OF ACCOUNTING

All income and expenses are recognised on cash basis.

SCHEDULE 10-NOTES TO ACCOUNTS

1. The operations of the trust are conducted in the facility provided by Bhabha Atomic Research Centre. Some of the establishment & operating expenses are borne by Bhabha Atomic Research Centre.
2. The trust has been granted the status of "Grant in Aid Institution" by the President of India.
3. The trust has been sanctioned Rs. 45,91,295/- as grant-in-aid by Department of Atomic Energy, Mumbai which have been utilized by the trust for the following expenses and the same have been accounted on the basis of advice received from Bhabha Atomic Research Centre Mumbai, who are responsible for keeping an account of such expenditure.

Sr.No	Expense Head	Amount
1	Reimbursement of Tution Fees	95,008
2	Financial Assistance	1,535,434
3	Registration Fees	125,844
4	Office Expenses	79,129
5	Telephone Charges	9,809
6	Salaries & Wages	783,008
7	Printing & Stationery	21,854
8	Reimbursement of Examination Fees	1,885,313
9	Travelling & Conveyance	5,334
10	Audit Fees	50,562
	Total	4,591,295

4. Contingent Liabilities -NIL
5. Corresponding figures for the previous year have been regrouped/rearranged, wherever necessary
6. Schedules 1 to 10 are annexed to and form an integral part of the Balance Sheet as at 31st March 2014 and the Income and Expenditure account for the year ended on that date

Government Grants/Subsidies

Government grants/subsidies are accounted on realization basis.



MACE telescope proof-assembly designed and developed by BARC & installed at Hyderabad.

DIRECTOR

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