

Part A[Back To Content Page](#)**I. Institutional Information****I.1 Name and address of the institution and affiliating university**

(Instruction: The name, address of the institution, and the name of the university, which has given affiliation to this institution, are to be listed here.)

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, Waknaghat, District Solan (Himachal Pradesh) 173234

I.2 Name, designation, telephone number, and e-mail address of the contact person for the NBA

(Instruction: The name of the contact person, with other details, has to be listed here.)

Prof. Harinder Singh

Professor & Head

Department of Mathematics

Jaypee University of Information Technology

Waknaghat, Dist. Solan (HP) 173234

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I.3 History of the institution (including the date of introduction and number of seats of various programmes of study along with the NBA accreditation, if any) in a tabular form

(Instruction: History of the institution and its chronological development along with the past accreditation records need to be listed here.)

Level	Programme	FullTime/ PartTime/ Sandwich	Year of Starting	Intake Sanctioned	Year of enhancement	Sanctioned enhancement	Accreditation Status A/NA/AF	NBA Accreditation Visits
UG	B. Tech Computer	Full Time	2002	90	2005	120	A	2009

	Science & Engineering							
					2007	150		
					2009	120		
UG	B. Tech. Electronics & Communication Engineering	Full Time	2002	120	2007	150	A	2009
					2009	120		
UG	B. Tech Information Technology	Full Time	2002	30	2007	60	A	2009
					2009	30		
UG	B. Tech. Bio Informatics	Full Time	2002	60	2005	30	A	2009
UG	B. Tech Civil Engineering	Full Time	2003	30	2009	60	A	2009
					2010	90		
UG	B. Tech. Bio Technology	Full Time	2005	30			AF	
UG	B. Pharmacy	Full Time	2007	30				
UG	B. Tech Information & Communication Technology	Full Time	2011	30			AF	
DD	B Tech – M Tech Biotechnology	Full Time	2005	30				
DD	B Tech – M Tech Computer Science & Engineering	Full Time	2012	30				
DD	B Tech – M Tech Electronics & Communication Engineering	Full Time	2012	30				
PG	M. Tech. Applied & Computational Mathematics	Full Time	2006	30				
PG	M. Tech. Computer Science & Engineering	Full Time	2007	30				

PG	M. Tech. Electronics & Communication Engineering	Full Time	2007	30				
PG	M. Tech. Construction Management	Full Time	2008	30				
PG	M. Tech. Computational Biology	Full Time	2010	15				
PG	M. Tech. Structural Engineering	Full Time	2012	30				
PG	M. Tech. Nanotechnology	Full Time	2012	30				
PG	M Pharmacy Medicinal Chemistry	Full Time	2012	30				
PG	M Pharmacy Pharmacology	Full Time	2012	30				
PG	M Pharmacy Pharmaceutics	Full Time	2012	30				
Ph D	Electronics and Communication Technology	Full Time	2004					
Ph D	Bioinformatics	Full Time	2003					
Ph D	Mathematics	Full Time	2004					
Ph D	Computer Science and Engineering	Full Time	2005					
Ph D	Information Technology	Full Time	2005					
Ph D	Physics	Full Time	2005					
Ph D	Biotechnology	Full Time	2006					
Ph D	Civil Engineering	Full Time	2008					
Ph D	Civil Engineering	Full Time	2009					
PG	M. Tech. Bio Technology	Full Time	2013	15				

I.4 Ownership status

(Instruction: Ownership status of the institute has to be listed here.)

trust

I.5 Mission and Vision of the Institution

(The institution needs to specify its Mission and Vision).

Mission

- To develop as a benchmark University in emerging technologies;
- To provide state of the art teaching-learning process and a stimulating R&D environment; and
- To harness human capital for sustainable competitive edge and social relevance.

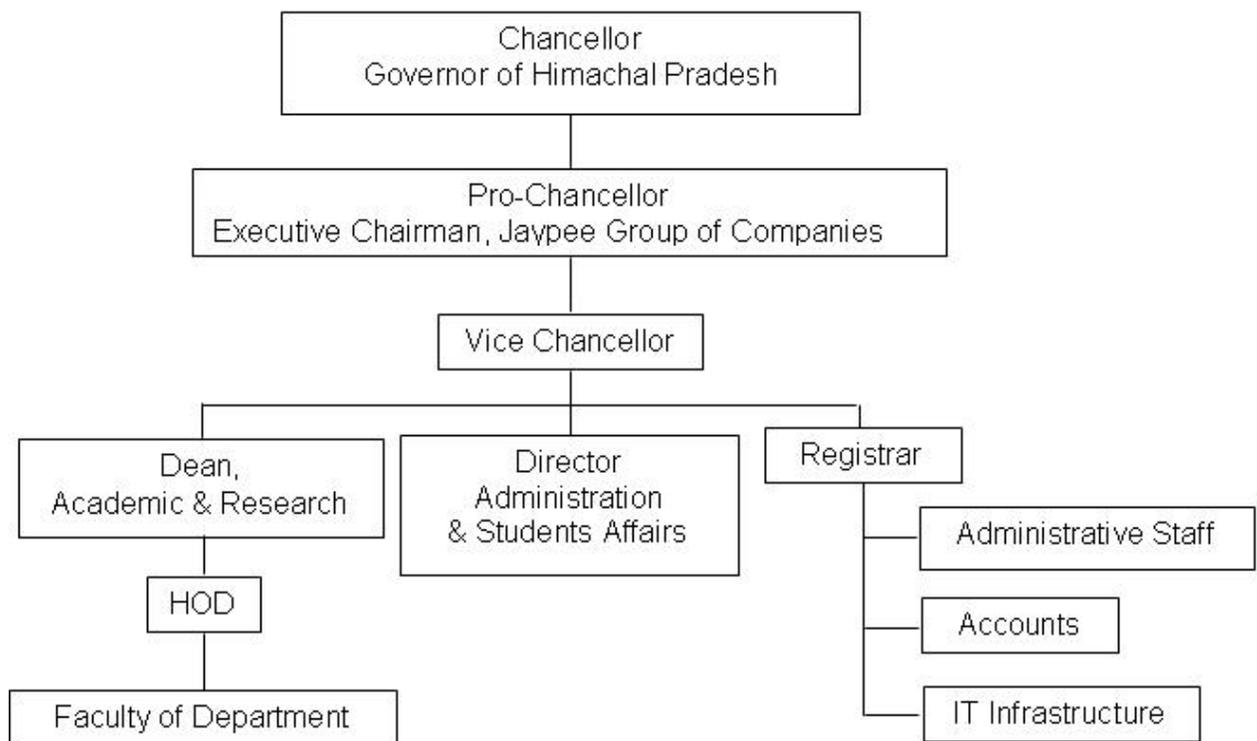
Vision

To become a Centre of Excellence in the field of IT and related emerging areas in education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management.

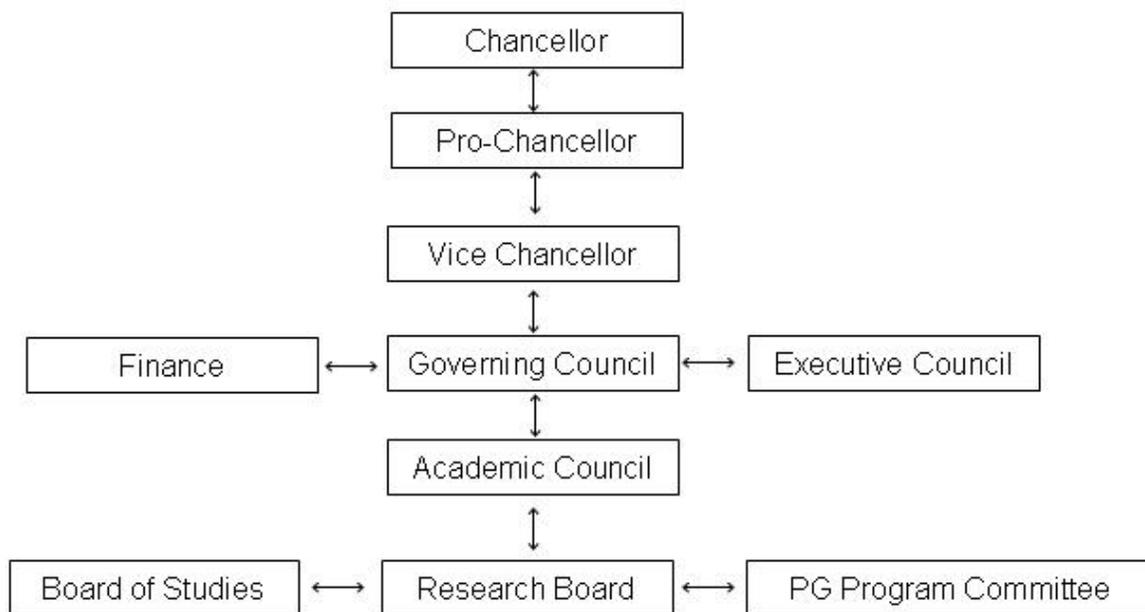
I.6 Organisational Structure

Organisational chart showing the hierarchy of academics and administration is to be included

Administration



Academics



Constitution of Statutory Bodies

Governing Council: (Under Sec 11 of JUIT Act, 2002)

The Governing Council is the supreme body of the University and its powers and functions are such as may be prescribed by the Statutes.

(1) The Governing Council has the following members, namely:-

- | | | |
|-----|--|----------|
| (a) | The Pro-Chancellor | Chairman |
| (b) | Two members of the Trust to be nominated by the Pro-Chancellor | Members |
| (c) | Two representatives of the collaborating Universities | Members |
| (d) | Three distinguished academicians/professionals to be nominated by the Chancellor in consultation with the Pro-Chancellor | Members |
| (e) | Two experts representing other disciplines such as finance, law and management etc. to be nominated by | |

- the Pro-Chancellor Members
 - (f) Vice-Chancellor of the University Member
 - (g) One Head of another University/Institute of the Trust Member
 - (h) Two Deans of the University by rotation Members
 - (i) Secretary (Information Technology),
Secretary (Education) and
Secretary (Technical Education) to
the Govt. of Himachal Pradesh Members
 - (j) Three representatives of the industry to be nominated
by the Pro-Chancellor Members
- (2) The Registrar of the University is Non-Member Secretary of the Governing Council.

Executive Council: (Under Sec 12 of JUIT Act, 2002)

The Executive Council is the executive body of the University and its powers and functions, the constitution and the terms of the office of its members, other than ex-officio members, are such as it may be prescribed by the Statutes.

The Executive Council is responsible for the general management and administration of the University.

- (1) The Executive Council consists of the following members, namely:–
- (i) The Vice-Chancellor of the University; Chairman.
 - (ii) Two members of Governing Council nominated
by the Pro-Chancellor; Members
 - (iii) One Dean of the University; and Member
 - (iv) One Academician of repute nominated
by the Pro-Chancellor Member
- (2) The Registrar shall be non-Member Secretary of the Executive Council.

Academic Council: (Under Sec 13 of JUIT Act, 2002)

The Academic Council is the academic body of the University and its constitution and the term of office of its members, other than ex-officio members, are such as may be prescribed by the Statutes.

- (1) The Academic Council consists of the following members, namely. –
- (i) The Vice-Chancellor of the University Chairman.

- (ii) Two Professors other than Heads of Departments by rotation and by seniority Members
- (iii) Two distinguished academicians to be nominated by the Pro-Chancellor Members
- (iv) Two Industry Professionals to be nominated by the Pro Chancellor Members
- (v) One member from amongst the Heads of other institutions of the Trust Member
- (vi) The Deans of all faculty of the University; and Members
- (vii) Heads of Departments/Centres of the University; Members.

(2) The Registrar is non-Member Secretary of the Executive Council.

The Academic Council, subject to the provisions of the Act, the Statutes and the Ordinances of the University, has the power of control and general regulation or, and is responsible for the maintenance of standards of instruction, education and examination within the University and exercises such other powers and performs such other duties as may be conferred or imposed upon it by the Act or the Statutes and it has the right to advise the Executive Council on all academic matters.

Council of Institution-Industry Linkages: (Under Sec 14 of JUIT Act, 2002)

The Council of Institution-Industry Linkages consists of the following members, namely:-

- 1. A person to be nominated by the Pro-Chancellor Chairman
- 2. Two persons to be nominated by the Trust Members
- 3. Vice-Chancellor of the University Member
- 4. Two persons from the Industry to be nominated by the Pro-Chancellor Members

The Finance Committee: (Under Statute 12 of JUIT)

- 1. The Finance Committee consists of the following members, namely:
 - (i) The Vice-Chancellor of the University Chairman
 - (ii) One nominee of the Pro-Chancellor Member
 - (iii) One nominee of the Governing Council Member
 - (iv) One Dean (by rotation) on the basis of seniority Member
- 2. The Finance Officer of the University is non-member Secretary.
- 3. Three members of the Finance Committee form the quorum.
- 4. All members of the finance Committee other than ex-officio members hold office for a term of three years.
- 5. The Finance Committee meets at least twice every year to examine account and scrutinize proposals for expenditure provided that a period not exceeding 180 days

shall elapse between two consecutive meetings.

6. The annual accounts and financial estimates of the University prepared by the Finance Officer shall be laid before the Finance Committee for consideration and comments and thereafter submitted to the Governing Council for approval with or without amendments

I.7 Financial status

(Instruction: Financial status of the institute has to be mentioned here.)

not-for-profit

I.8 Nature of the trust/society:

Also list other institutions/colleges run by the trust/society

(Instruction: Way of functioning and activities of the trust/society have to be listed here.)

JAIPRAKASH SEWA SANSTHAN [JSS], a ‘**not-for-profit Trust**’ promoted by **Shri Jaiprakash Gaur**, the Founder Chairman of the Jaypee Group, has been established to discharge its responsibility towards the society. The *Sansthan* functions with a holistic approach for overall socio-economic development. Set up in 1993 the trust aims to realize the corporate philosophy of “Growth with a Humane Face” and try to help reduce the pain & agony in society.

Name	Year of Establishment	Location
Jaypee Institute of Information Technology (Deemed to be University)	2001	NOIDA, UP
Jaypee University of Engineering Technology	2003	GUNA, MP

I.9 External sources of funds

(Instruction: The different sources of the external funds over the last three financial years are to be listed here.)

Name of the external source	2013-2014	2012-2013	2011-2012	2010-2011
Over head Charges (Project)		1217617	700463	910043

I.10 Internally acquired funds

(Instruction: The different sources of the internal funds over the last three financial years are to be listed here.)

Name of the internal source	2013-2014	2012-2013	2011-2012	2010-2011
Tuition Fee	105397662	187688213	174964561	148060636
Hostel Fee	70385411	135488325	94213210	96781885
Development Fee	91946167	100694823	94303087	73928210
Late Registration Charges	826678	1041685	1041685	956429
Sale of Application Forms	338450	3571305	4567892	5294797

Canteen and Tuck Shop	6442853	13664598	12691335	11633612
Interest on FDRs	1170421	11284817	9400039	9548835
Others	1462606	3167823	2261524	3695099
Total	277970248	456601589	393443333	349899503

I.11 Scholarships or any other financial assistance provided to students

(Instruction: If any scholarship or financial assistance is provided to the students then the details of such assistance over the last three financial years has to be listed here. Also mention needs to be made of the basis for the award of such scholarship).

Type of scholarship	2013-2014	2012-2013	2011-2012	2010-2011
Scholarship Assistance	4725222	10371334	9304877	6941136

I.12 Basis/criterion for admission to the institution

(Instruction: The basis/criterion for student intake has to be listed here.)

For 2013-14 Admissions

- All India JEE (Main) ranking obtained by the applicant
- 50 % seats in BI and BT programmes on 12th standard marks in PCB stream.

I.13 Total number of students

(Instruction: Total number of engineering students, both boys and girls, has to be listed here. The data may be categorised in a tabular form under graduate or post graduate engineering, or other programme, if applicable.)

	2013-2014	2012-2013	2011-2012	2010-2011
Total no. of boys(UG,PG or other programme if applicable)	1405	1380	1392	1300
Total no. of girls(UG,PG or other programme if applicable)	718	691	669	662
Total no. of students	2123	2071	2061	1962

I.14.1 Total number of employees in Regular Staff

(Instruction: Staff strength, both teaching and non-teaching, over the last three academic years has to be listed here.)

Items	2013-2014	2013-2014	2012-2013	2012-2013	2011-2012	2011-2012	2010-2011	2010-2011
	Min	Max	Min	Max	Min	Max	Min	Max
Male Teaching staff in engineering	74	87	66	78	60	76	62	73

Female Teaching staff in engineering	19	22	17	21	18	20	17	21
Male Teaching staff in science & humanities	21	30	27	31	25	29	17	26
Female Teaching staff in science & humanities	7	9	9	9	8	9	6	10
Male Non-teaching staff	92	96	96	96	96	96	96	96
Female Non-teaching staff	13	16	13	13	13	13	13	13

I.14.2 Total number of employees in Contract Staff

Items	2013-2014 Min	2013-2014 Max	2012-2013 Min	2012-2013 Max	2011-2012 Min	2011-2012 Max	2010-2011 Min	2010-2011 Max
Male Teaching staff in engineering								
Female Teaching staff in engineering								
Male Teaching staff in science & humanities								
Female Teaching staff in science & humanities								
Male Non-teaching staff	232	232	232	232	232	232	232	232
Female Non-teaching staff	16	15	14	14	14	14	14	14

II. Departmental Information

II.1 Name and address of the department

Department of Electronics and Communication Engineering

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Waknaghat, Distt. Solan, 173234 (H.P.)

II.2 Name, designation, telephone number, and e-mail address of the contact person for the NBA

Professor S. V. Bhooshan

Head, Department of Electronics and Communication Engineering

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Waknaghat, Distt. Solan, 173234 (H.P.)

Tel. 01792-239205

email: sunil.bhooshan@juit.ac.in

II.3 History of the department including date of introduction and number of seats of various programmes of study along with the NBA accreditation ,if any

The department of Electronics & Communication Engineering has been playing a vital role in producing competent engineers of highest caliber ever since it was established in 2002. The Electronics and Communications Engineering department emphasizes on technical skills, critical thinking and problem-solving skills. The department runs under-graduate program and post-graduate program to cater to the ever challenging needs of technical excellence in all areas of electronics engineering such as Integrated electronics and circuits, Tele-communications, Signal processing, VLSI, & Digital Communication. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate. The department has distinguished faculty, all research oriented and working on cutting edge technologies.

At present 23 students are working for Ph D degree in the department and 11 have been awarded the degree.

Level	Programme of Study	Initial Intake started with Number of seats	In Year	Intake increased to	In Year	Accreditation Status A/NA	Earlier Accreditation Status	Year of obtaining Accreditation
UG	B. Tech. Electronics & Communication Engineering	120	2002	150	2006			
				120	2008	A	Accredited	2009
UG-PG	B, Tech. – M. Tech. Electronics & Communication Engineerrig.	30	2012			NA		
PG	M.Tech Electronics & Communication Engineering	30	2007			NA		

Doctoral	Ph.D. Electronics & Communication Engineering	2004					
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II.4 Mission and Vision of the Department

(The department is required to specify its Mission and Vision).

Vision

To become a centre of excellence and to produce high quality, self motivated, creative and ethical engineers and technologists, contributing effectively to universal science and contemporary education.

Mission

The mission of the department of ECE is

- To impart high quality engineering education and ethics to its students.
- To adopt the best pedagogical methods in order to maximize knowledge transfer.
- To have adequate mechanisms to enhance understanding of implementation of theoretical concepts in practical scenarios.
- To carry out high quality research leading to the creation and commercialization of Intellectual Property.
- To provide the best facilities, infrastructure, and environment to its students, researchers and faculty members, creating an ambience conducive for excellence in technical education and research.

II.5 List of the programmes/ departments which share human resources and/or the facilities of this programmes/ departments (in %)

(Instruction: The institution needs to mention the different programmes being run in the department which share the human resources and facilities with this department/programme being accredited.)

Department	Level	Programme	Sharing of Human Resources (%)
Electronics and Communication Engineering	UG	B. Tech. Electronics & Communication Engineering	70
	UG-PG	B, Tech. – M. Tech. Electronics & Communication Engineerig.	5
	PG	M. Tech. Electronics & Communication Engineering	15
CSE & ICT	UG	B. Tech. Computer Science and Engineering	3
	UG	B. Tech. Information and Communication Technology	7

II.6 Total number of students

	Level	Programme	2013-2014	2012-2013	2011-2012	2010-2011
Total no. of boys	ALL	ALL	372	366	383.	412
Total no. of girls	ALL	ALL	144	131	131	120
Total no. of students	ALL	ALL	516	497	514	532

II.7 Minimum and maximum number of staff on roll during the current and three previous academic years (1st July to 30th June) in the department

Items	2013-2014 Min	2013-2014 Max	2012-2013 Min	2012-2013 Max	2011-2012 Min	2011-2012 Max	2010-2011 Min	2010-2011 Max
Teaching staff in the department	24	26	26	26	23	28	21	25
Non-teaching staff	7	8	7	7	7	7	7	7
Total	31	34	33	33	30	35	28	32

II.8 Summary of budget for the CFY and the actual expenditure incurred in the CFYm1, CFYm2 and CFYm3 (for the Department)

(Instruction: Please fill details for items like Laboratory equipment,Software,Laboratory consumables,Maintenance and spares,Training and Travel,Miscellaneous expenses for academic activities and Total.)

Items	Budgeted in CFY 2013-2014	Actual expenses (till ...) in CFY 2013-2014	Budgeted in CFYm1 2012-2013	Actual Expenses in CFYm1 2012-2013	Budgeted in CFYm2 2011-2012	Actual Expenses in CFYm2 2011-2012	Budgeted in CFYm3 2010-2011	Actual Expenses in CFYm3 2010-2011
Laboratory equipment	735000	996159	700000	807438	2000000	2207572	1400000	1592403
Software	300000						300000	297428
Laboratory consumable	1050000	30599	1000000	116868	100000	101120	100000	99335
Training & Travel (Conf.)	1050000	488457	1000000	1017488	2500000	2428475	1400000	1312768
Total	3135000	1515215	2700000	1941794	4600000	4737167	3200000	3301934

III. Programme Specific Information

III.1 Name of the Programme

(List name of the programme, as it appears on the graduate's certificate and transcript, and abbreviation used for the programme.)

Bachelor of Technology in the field of Electronics and Communication Engineering

III.2 Title of the Degree

(List name of the degree title, as it appears on the graduate's certificate and transcript, and abbreviation used for the degree.)

Bachelor of Technology

B. Tech.

III.3 Name, designation, telephone number, and e-mail address of the Programme coordinator for the NBA

Professor S. V. Bhooshan**Head of the Department****Tel. 01792-239205, email: sunil.bhooshan@juit.ac.in**

III.4 History of the programme along with the NBA accreditation, if any

Programme of study	Started with No Of Seats	In Year	Intake increased to	In Year	Accreditation Status (A/NA)
B. Tech. Electronics and Communication Engineering	120	2002	150	2007	A
			120	2009	

III.5 Deficiencies, weaknesses/concerns from previous accreditations

1. Non-teaching staff needs training programmes in-house and outside JUIT.
2. More linkage to industry needed.
3. More open and interdisciplinary elective courses should be run.

III.6 Total number of students in the programme

	Level	Programme	2013-2014	2012-2013	2011-2012	2010-2011
Total no. of boys:	UG	B. Tech. Electronics and Communication Engineering	340	352	360	398
Total no. of girls:	UG	B. Tech. Electronics and Communication Engineering	119	119	121	113
Total no. of students:	UG	B. Tech. Electronics and Communication Engineering	459	471	481	511

III.7 Minimum and maximum number of staff for the current and three previous academic years (1st July to 30th June) in the programme

Items	2013-2014 Min	2013-2014 Max	2012-2013 Min	2012-2013 Max	2011-2012 Min	2011-2012 Max	2010-2011 Min	2010-2011 Max
Teaching staff with the program	24	26	26	26	23	28	21	25
Non-teaching staff	7	8	7	7	7	7	7	7

III.8 Summary of budget for the CFY and the actual expenditure incurred in the CFYm1, CFYm2 and CFYm3 (exclusively for this programme in the department)

(Instruction: Please fill details for items like Laboratory equipment, Software, Laboratory consumables, Maintenance and spares, Travel, Miscellaneous expenses for academic activities and Total.)

Items	Budgeted in CFY 2013-2014	Actual expenses (till ...) in CFY 2013-2014	Budgeted in CFYm1 2012-2013	Actual Expenses in CFYm1 2012-2013	Budgeted in CFYm2 2011-2012	Actual Expenses in CFYm2 2011-2012	Budgeted in CFYm3 2010-2011	Actual Expenses in CFYm3 2010-2011
Laboratory equipment	735000	996159	700000	807438	2000000	2207572	1400000	1592403
Software	300000						300000	297428
Laboratory consumable	1050000	30599	1000000	116868	100000	101120	100000	99335
Training & Travel (Conf.)	1050000	488457	1000000	1017488	2500000	2428475	1400000	1312768
Total	3135000	1515215	2700000	1941794	4600000	4737167	3200000	3301934