

National Institute of Technology Nagaland



Annual and Audited Reports



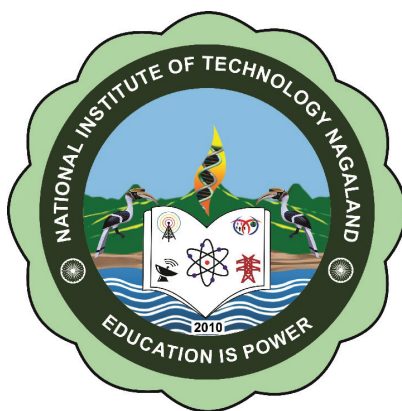
Financial year

2013 – 2014

National Institute of Technology Nagaland
Chumukedima, Dimapur– 797103
Nagaland



NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND



Annual and Audited Reports 2013 - 2014

National Institute of Technology Nagaland

Chumukedima, Dimapur 797 103

(under the Ministry of Human Resource Development, Government of India)

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CONTENT

CHAPTERS	PAGE NO.
1. Introduction	
1.1 History	05
1.2 Vision and Mission	05
1.3 Location	06
1.4 Campus	06
2. Statutory Bodies and Other Committees	
2.1 Board of Governors	10
2.2 Finance Committee	11
2.3 Building and Works Committee	11
2.4 Senate	12
3. Administration	
3.1 Administrative Officers	14
3.2 Statutory Body Meetings	14
4. Academic Activities	
4.1 Education System	15
4.2 Courses Offered	15
4.3 Admission Procedure	15
4.4 Examination and Evaluation	15
4.5 Evaluation of Performance	16
4.6 Students' Strength	16
4.7 Ph.D. Programme	16
4.8 Details of Guest / Special Lectures	18
4.9 Scholarship to Students	19
4.10 Faculty Development Programmes	19
5. Academic Departments	
5.1 Computer Science and Engineering	20
5.2 Electronics and Communication Engineering	21
5.3 Electrical and Electronics Engineering	22

CONTENT

CHAPTERS	PAGE NO.
5.4 Science and Humanities	22
5.5 Civil Engineering	23
5.6 Mechanical Engineering	23
6. Training & Placement Details	
6.1 Introduction	24
6.2 Placement Details	25
6.3 Placement Statistics	25
7. Central Facilities and Services	
7.1 Computer Centre	26
7.2 Central Library	26
7.3 Games and Sports	27
7.4 Fee waiver for SC / ST candidates	27
7.5 Dispensary	27
7.6 Other Facilities	27
8. Students Activities	
8.1 Intramural Competition	28
8.2 All India inter-NIT participation	28
8.3 Literary and Cultural Activities	28
8.4 NIT Nagaland celebrates "Yuva-2014"	28
8.5 NIT Nagaland Technical Club activity	28
9. Extracurricular Activities	
9.1 Environmental Awareness	29
9.2 Empowerment through Education	29
10. Financial Status	
10.1 Grants-in-aid received from the MHRD	30
10.2 Expenditure Position	30

CHAPTER-1

1. INTRODUCTION



1.1 History

National Institute of Technology Nagaland is one among the ten newly set up NITs by the Government of India in 2009 under the 11th Five Year Plan. The Institute is functioning under the ambit of the NIT Act 2007 and NIT (amendment) Act, 2012.

The Institute was registered as a Society under the Registration of Societies Act 1860 on 23rd March 2010. Permanent campus was identified for the Institute during January 2012 and it is located at a hilly terrain area in Chumukedima near Dimapur, Nagaland. The Institute started functioning in its permanent campus from May 2012. The Institute has been established for imparting technical education so as to promote regional diversity and multicultural understanding in the State, where students can utilize their skills and proficiency, usurping them into prospective horizons, thereby finding a vocation in which each individual is best fit for. The nobility of the Institute has reframed the mindset of the people of Nagaland enabling them to rebuild a better society. NIT Nagaland has indeed raised the hopes of social welfare. Being a premier technological institute of the State, it aims at promoting the students of Nagaland by advocating scientific and technical pursuits in a rich-resourced topography, which is an excellent measure of learning, understanding and employment.

1.2 Vision and Mission

VISION

To advance knowledge through quality education and research, to cultivate invention improving the human condition, and to educate students for a life of professional achievement, service to society and individual fulfillment – moving our world towards a more sustainable path.

MISSION

The Institute is committed to generating, disseminating, and preserving knowledge and to working with others to bring this knowledge to bear on the nation's great challenges. NIT Nagaland is dedicated to providing its students with an education that combines rigorous academic study and the

excitement of discovery with the support and intellectual stimulation. We seek to develop in each member of the NIT Nagaland Faculty and the Students, the ability and passion to work wisely, creatively and effectively for the betterment of this region, the nation and the world.

NIT Nagaland shall strive continuously

- To impart and develop the skills of the students in order to shape them as outstanding professionals with high ethical standards to solve the societal problems.
- To achieve academic excellence through dedication to duty with team spirit, commitment to research, innovation in learning and faith in human values.

- To mould the students with the state-of-art technology resources so as to match the expectations of the industry and society.
- To provide intellectually stimulating environment for the development of human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a wide range of professions needed by the nation with emphasis on self-reliance to service and lead the nation.
- To provide scientists and technologists who would be the leaders in research, participate in design, development and

technology management in the country to meet national and global challenges.

1.3 Location

The Institute is one among the thirty NITs which are declared as the "Institute of National Importance". The campus is well connected through all means of communication. Dimapur Airport is 14 kilometers away from the Institute and the distance of Dimapur Railway Station from the Institute is about 18 kilometers.

1.4 Campus

The land of 291 acres (which had originally been allotted for the Office of the Deputy Commissioner) was handed over by the Government of Nagaland with few buildings to NIT Nagaland (Figure 1) for the establishment of its permanent campus. The first academic session was started in its permanent campus during September 2012. The foundation stone of the Institute was laid by Shri Kapil Sibal, Hon'ble Minister of Human Resource Development and Minister of Communications and Information Technology, Government of India on 13th October, 2012. The infrastructure for class rooms, hostels and dining blocks for Boys and Girls were established initially with bamboo structures and thereafter with pre-fabricated buildings. Other academic and administrative activities were conducted in the existing buildings after appropriate refurbishment.



Figure 1: Campus during September 2012



Figure 2: Boys Hostels and Mess

The existing three RCC buildings (as shown in Figure 2) were refurbished and have been made as Boys' hostel for 65 students. The land in front of the 3 RCC buildings was identified for the construction of two pre-fabricated buildings to accommodate further 100 candidates. The existing hall near the three RCC buildings was converted into a central kitchen-cum-dining hall for boys with necessary refurbishments. It is planned to use the hill area in the east of the Boys' Hostel towards Phase-II infrastructure development activities. An approach road from the Boys' hostel site to the hill area was laid. The photograph (shown in Figure 2) is taken during laying the foundation for the two upcoming pre-fabricated hostel buildings and lying of approach road.



Figure 3: Administrative Building

The Administrative building was completely refurbished (as shown in Figure 3) to accommodate Director's chamber, Conference room, Computer Programming laboratory, Faculty rooms, Electronics laboratory, Power Systems Simulation laboratory, Deputy Registrar's chamber, Academic Section and Training and Placement Office. In the existing G+2 administrative building, third floor has been raised with light weight pre-fabricated structure and converted as Girls' hostel to accommodate 40 candidates.



Figure 4: Campus View with pre-fabricated hostel buildings

Figure 4 shows two pre-fabricated buildings in front of the three RCC buildings constructed for the purpose of Boys' hostel.



Figure 5: First Year Boys Hostels

Three existing RCC buildings behind the Administrative Building towards north were earmarked as first year Boys' hostel and necessary refurbishments were made (as shown in Figure 5). One more pre-fabricated hostel building with the capacity to accommodate 60 students is also constructed in anticipation with the introduction of PG programmes from the academic year 2014-2015. One prefabricated dining block is also constructed for the convenience of the first year students.

The pre-fabricated laboratory block (shown in Figure 6) has Physics, Chemistry, Electrical Machines, Power Electronics laboratories and a Workshop.



Figure 6: Laboratories and Workshop Block

A pre-fabricated classroom block (shown in Figure 7) with four lecture halls and a smart class room have been constructed.



Figure 7: Pre-fabricated Classrooms

In the first floor of the Administrative Building, a computer programming laboratory (as shown in Figure 8) was established.



Figure 8: Computer Programming Laboratory

CHAPTER-2

2. STATUTORY BODIES AND OTHER COMMITTEES

2.1 Board of Governors

The Ministry of Human Resource Development has constituted the Board of Governors vide its letter No. F.No.27-3/2012 – TS.III dated 05-10-2012. The members are listed in Table 1 below:

Table 1: Members of the BoG

S.No.	Name & Designation
1.	Shri Nayan Mani Borah <i>Chairperson, NIT Nagaland</i>
2.	<i>Additional Secretary or Joint Secretary</i> <i>Department of Higher Education, MHRD</i>
3.	<i>Financial Advisor</i> <i>Department of Higher Education, Integrated Finance Division, MHRD</i>
4.	Ms. Banuo Z.Jamir <i>Chief Secretary, Government of Nagaland</i>
5.	Shri F. P. Solo <i>Commissioner and Secretary</i> <i>Department of Higher and Technical Education, Government of Nagaland</i>
6.	Dr. V. Jagadeesh Kumar <i>Professor, Department of Electrical Engineering & Director, Central Electronics Centre, IIT Madras</i>
7.	Prof. B. K. Konwar <i>Vice-Chancellor, Nagaland University</i>
8.	Dr. Chitrlekha Mahanta <i>Professor, Department of Electronics and Electrical Engineering, IIT Guwahati</i>
9.	Dr. Ajay S. Kalamdhad <i>Assistant Professor</i> <i>Department of Civil Engineering, IIT Guwahati</i>
10.	Dr. B. K. Patel <i>Dean of Student Affairs, IIT Guwahati</i>
11.	Mr. Nzanthung Ngullie <i>Deputy Registrar, NIT Nagaland</i>
12.	Dr. V. Ramachandran <i>Director, NIT Nagaland</i>

2.2 Finance Committee

The Finance Committee was constituted as per the NITs' Act and with the approval of the Board of Governors. The members of the Finance Committee are listed in Table 2 below:

Table 2: Members of the Finance Committee

S.No.	Name & Designation
1.	Shri Nayan Mani Borah <i>Chairperson, NIT Nagaland</i>
2.	<i>Joint Secretary, Department of Higher Education, MHRD or his nominee</i>
3.	<i>Financial Advisor, (Human Resource Development) or his nominee Integrated Finance Division, MHRD</i>
4.	Shri F. P. Solo <i>Commissioner and Secretary, Department of Higher and Technical Education, Government of Nagaland</i>
5.	<i>Finance Advisor (Special Invitee)</i> <i>Government of Nagaland</i>
6.	Dr. V. Jagadeesh Kumar <i>Professor, Department of Electrical Engineering & Director, Central Electronics Centre, IIT Madras</i>
7.	Mr. Nzanthung Ngullie <i>Deputy Registrar, NIT Nagaland</i>
8.	Dr. V. Ramachandran <i>Director, NIT Nagaland</i>

2.3 Building and Works Committee

As per the approval of the Board of Governors, the Building and Works Committee was constituted. The members of the Building and Works Committee are listed in Table 3 below:

Table 3: Members of the Building and Works Committee

S.No.	Name & Designation
1.	Dr. V. Ramachandran <i>Director, NIT Nagaland</i> <i>Chairman</i>
2.	Shri R. Srinivasan <i>Director (TE), Department of Higher Education, MHRD</i>
3.	Shri Navin Soi <i>Director (Finance), Department of Higher Education, Integrated Finance Division, MHRD</i>
4.	Dr. V. Jagadeesh Kumar <i>Professor, Department of Electrical Engineering</i> <i>Director, Central Electronics Centre IIT Madras</i>

Table 3: Members of the Building and Works Committee (contd.)

S.No.	Name & Designation
5.	Dr. V. Sankaranarayanan (Former Member Secretary, Tamilnadu State Council for Science and Technology & Former Director, Tamil Virtual University) Director (University Projects), B. S. Abdur Rahman University
6.	Er. ChanbemoLotha Chief Engineer PWD (Housing), Kohima, Nagaland
7.	Er. K. Miachieo Chief Engineer, Department of Power Kohima, Nagaland
8.	Mr. J. Arul Valan Associate Dean (Planning & Development) NIT Nagaland
9.	Mr. Nzanthung Ngullie Deputy Registrar NIT Nagaland

2.4 Senate

As per the approval of the Board of Governors, the Senate was constituted. The members of the Senate are listed in Table 4 below:

Table 4: Members of the Senate

S.No.	Name & Designation
1.	Dr. V. Ramachandran Director, NIT Nagaland Chairman
2.	Dr. V. Jagadeesh Kumar Professor Department of Electrical Engineering Director, Central Electronics Centre, IIT Madras
3.	Dr. V. Sankaranarayanan (Former Member Secretary, Tamilnadu State Council for Science and Technology & Former Director, Tamil Virtual University) Director (University Projects) B.S.Abdur Rahman University
4.	Dr. R. R. Bhargava Emeritus Professor Department of Mathematics IIT Roorkee
5.	Dr. Rowena Robinson Professor Department of Humanities and Social Sciences IIT Guwahati
6.	Dr. Narayana Prasad Padhy Professor Department of Electrical Engineering IIT Roorkee

Table 4: Members of the Senate (contd.)

S.No.	Name & Designation
7.	Dr. S. R. Mahadeva Prasanna Professor Department of Electronics and Electrical Engineering IIT Guwahati
8.	Dr. S. Selvakumar Professor and Head Department of Computer Science and Engineering NIT Tiruchirappalli
9.	Dr. N. Ammasai Gounden Professor Department of Electrical and Electronics Engineering NIT Tiruchirappalli
10.	Dr. B. Venkataramani Professor Department of Electronics and Communication Engineering NIT Tiruchirappalli
11.	Dr. Amrit Puzari Assistant Professor Department of Chemistry NIT Nagaland
12.	Ms. D. Ganga Assistant Professor and Head Department of Electrical and Electronics Engineering NIT Nagaland
13.	Ms. Rini Lahiri Assistant Professor and Head Department of Electronics and Communication Engineering NIT Nagaland
14.	Mr. J. Arul Valan Assistant Professor and Head Department of Computer Science and Engineering NIT Nagaland
15.	Mr. Nzanthung Ngullie Assistant Professor Department of Civil Engineering NIT Nagaland
16.	Dr. Jhimli Bhattacharyya Associate Dean (Academic) NIT Nagaland
17.	Mr. Nagaraju Baydeti Deputy Registrar (Academic) NIT Nagaland

CHAPTER-3

3. ADMINISTRATION

3.1 Administrative Officers

As per the approval of the Senate, the faculty members listed in Table 5 are given additional responsibilities to look after various academic and administrative activities of the Institute and the same is intimated to the Board of Governors.

Table 5: Administrative Officers

Name	Designation
Mr. Nzanthung Ngullie	Deputy Registrar & Public Information Officer
Dr. Jyoti Prasad Borah	Associate Dean (Student Affairs)
Dr. Jhimli Bhattacharyya	Associate Dean (Academic)
Mr. J. Arul Valan	Associate Dean (Planning and Development)
Ms. D. Ganga	HoD, Department of Electrical and Electronics Engineering
Mr. J. Arul Valan	HoD, Department of Computer Science and Engineering
Ms. Rini Lahiri	HoD, Department of Electronics and Communication Engineering
Dr. Amrit Puzari	HoD, Department of Science and Humanities & Coordinator, Training and Placement Cell
Dr. A. Wati Walling	Executive Warden
Mr. Nagaraju Baydeti	Deputy Registrar (Academic)

3.2 Statutory Body Meetings

The venue and date of various important meetings held during the financial year 2013-2014 are listed in Table 6 below:

Table 6. List of various Statutory Body Meetings held

Meeting	Venue	Date
Third meeting of the Board of Governors	Conference Hall, Administrative Block, NIT Nagaland	25-05-2013
First Meeting of the Building and Works Committee	ESB – 210B, Electrical Sciences Block, IIT Madras	07-09-2013
Second meeting of the Senate	ESB – 210B, Electrical Sciences Block, IIT Madras	14-12-2013
First Meeting of the Finance Committee	ESB – 210B, Electrical Sciences Block, IIT Madras	11-01-2014
Fourth meeting of the Board of Governors	ESB – 210B, Electrical Sciences Block, IIT Madras	11-01-2014

CHAPTER-4

4. ACADEMIC ACTIVITIES

4.1 Education System

All the academic programmes follow semester pattern and credit based system of teaching and evaluation. The academic year is divided into two semesters (Odd and Even). Students are required to attend every lecture, tutorial and practical classes. They are awarded attendance grades which are considered to make them eligible for appearing at the end-semester examinations. Students are awarded Cumulative Grade Point Average (CGPA) for evaluation of their academic performances.

4.2 Courses Offered

The Institute offers four years Under Graduate programmes (B.Tech.) in Electrical and Electronics Engineering, Electronics and Communication Engineering and Computer Science and Engineering.

4.3 Admission Procedure:

Under Graduate Programmes:

The minimum educational qualification required for admission is a pass in 12th Standard examination conducted by either Central Board for Secondary Education (CBSE) / the Indian Certificate for School Education (ICSE) or any recognized State Board Examination with Physics, Chemistry and Mathematics as compulsory subjects. The students are admitted into the programmes based on their rankings in the Joint Engineering Entrance Examination (JEE) conducted by the CBSE. The entire admission process is governed as per the guidelines of the Central Seat Allocation Board (CSAB) guidelines and instructions received from the MHRD, Government of India. In NIT Nagaland, 50% of the seats are reserved for Home State quota and the remaining 50% for other States (OS) quota, i.e., all other States and UTs (Union Territories) except the Home State. The Home State of a candidate (also called state of eligibility) is defined as the State of Nagaland from which the candidate who has passed 12th standard (or equivalent) examination and who is the native of the State of Nagaland.

Admission to the first year of Engineering Programmes NIT, Nagaland is on the basis of All India Rank (AIR) prepared by CBSE considering score in JEE (Main) and normalized score of class 12th or equivalent qualifying examination (60% and 40% weightage respectively) across India by Common Merit List (CML) through a centralized seat allocation procedure. Candidates are offered only one seat based on their choice

and their JEE (Main) All India Rank (AIR) in Paper-I or Paper-II as applicable. Allocation of seat is done through the CSAB in order of preference of choices of Branch and Institute filled in by the candidates and availability of seats.

4.4 Examination and Evaluation

The necessary details are as follows:

- a. Performance of the student in each course of study is evaluated based on
 - (i) two internal assessments and
 - (ii) end-semester examination.
- b. The theory and practical courses are evaluated for a maximum of 100 marks. The project work is also evaluated for a maximum of 100 marks for each phase.
- c. For all theory courses, the continuous internal assessment will carry 50 marks and the end-semester examination will carry 50 marks.
- d. For all practical courses, the continuous internal assessment will carry 75 marks and the end-semester examination will carry 25 marks.
- e. For project work in each phase, the continuous internal assessment will carry 50 marks and the end-semester examination will carry 50 marks.
- f. The end-semester examination (theory and practical) of 3 hours duration is conducted between November and December during the odd semester and between May and June during the even semester.
- g. The project work has to be carried out in two phases. The phase - I has to be carried out during VII semester and Phase - II, which is a continuation of Phase - I, to be carried out during VIII semester. The end-semester examination for project work consists of evaluation of the final report submitted by the student or students of the project group (of not exceeding 3 students) by an external examiner followed by a viva-voce examination conducted separately for each student by a Committee consisting of the external examiner, the guide of the project group and an internal examiner (Project Coordinator).
- h. The academic performance of the students is being assessed on a continuous basis during the semester.

- i. The Academic Regulations 2008 followed by the students of Batch 2010 and Batch 2011 are merged with Academic Regulations 2012 by the recommendations of the Performance Analysis Committee and subsequently by the Senate, and the results were announced accordingly. A common grading system was evolved during the process of merging.
- j. Continuous assessments are conducted through tests (minimum 2), assignments, quiz and seminars periodically.

4.5 Evaluation of Performance

The performance of a student is evaluated in terms of two indices, viz., the Semester Grade Point Average (GPA) which is the Grade Point Average for a Semester and Cumulative Grade Point Average (CGPA) which is the Grade Point Average for all the completed semesters at any point of time.

4.6 Students' Strength

The students were admitted through CSAB for the academic year 2013-14 and the details of the total student-intake are furnished in the Table 7 below:

Table 7. Department-wise Students' Strength

Year	CSE	ECE	EEE	Total
2010-11	17	29	29	75
2011-12	25	29	27	81
2012-13	20	28	27	75
2013-14	23	19	23	65

4.7 Ph.D. Programme

In order to provide facilities for research activities and also encourage the Faculty members to pursue research, Ph.D. programme was started from the academic year 2012-13 in the departments of Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Physics, Chemistry, Mathematics and Humanities. The Ph.D. programme is governed by the Special regulations framed to suit the newly established Institute. The same was approved by the Senate. The interview for the selection of candidates for admission to Ph.D. programme in the departments of EEE, ECE, CSE, Science and Humanities was held on 23rd March, 2013 and the number of research scholars admitted is listed in Table 8 below:

Table 8: Department-wise admitted research scholars

S.No.	Department	No. of Research
i.	Computer Science and Engineering	07
ii.	Electrical and Electronics Engineering	05
iii.	Electronics and Communication Engineering	02
iv.	Science and Humanities	02
	Total	16

Ph.D. Scholars

The research scholars admitted into various departments of the Institute and their areas of Research are listed in Table 9 below:

Table 9a: Department of Science and Humanities

Registration No.	Name of the Research Scholar	Area of research
2013261001	RD. Ralandinliu Kahmei	Synthesis and Characterization of Nanomaterials
2013262001	Renchumi Kikon Kuotsu	Gender issues in Democratic - Electoral Politics Conflict between Traditional Customary Values and Democracies

Table 9b: Department of Electrical and Electronics Engineering

Registration No.	Name of the Research Scholar	Area of research
2013232001	D. Ganga	Real-Time Electrical Drive Design and Implementation for Industrial Automation
2013232002	B. Shakila	Secured Data Handling in Smart Grid with Cloud Computing
2013232003	M. Prakash	Integration of Distributed Energy Resources to Power Grid
2013232004	A. Thirumurugan	Design and Simulation of Quantum Trapping Vacuum Tube Train

Table 9c: Department of Electronics and Communication Engineering

Registration No.	Name of the Research Scholar	Area of research
2013242001	Smaranika Subhasini	Image Processing - Colour edge detection

Table 9d: Department of Computer Science and Engineering

Registration No.	Name of the Research Scholar	Area of research
2013252001	B. Ravi Kumar	Software Reliability Models for Distributed Systems
2013252002	S. Balaji	Challenges in Convergence of GSM Network with MPLS VPN Network
2013252003	A. Nagavaradharajan	Optimal Energy Conservation in Wireless Sensor Networks
2013252004	K. Santhi	Performance Enhancement of Web Services in Heterogeneous Environment
2013252005	P. Moorthi	Reliability and Security Enhancement of Web Services
2013252006	M. Muthukumar	QoS Enhancement of Private Cloud Computing

4.8 Details of Guest / Special Lectures

In order to cope up the academic requirements, Guest Faculty members are invited and classes were conducted regularly. The details of the guest lectures conducted during the academic year 2013-14 to meet the academic requirements are furnished in Table 10 below:

Table 10: Details of Guest / Special Lectures

Name of Guest Faculty / Resource person	Designation / Organization	Date		Course Title
		From	To	
Mr. J. Santhanakrishnan	Retd. Deputy General Manager (BSNL)	01-05-2013	16-05-2013	EC911 Wireless Sensor Networks
Mr. R. Nagarajan	Software Consultant	19-08-2013	23-08-2013	Skill Development Programme
Prof. S. Selvam	Former Director, CUIC, Anna University	19-08-2013	24-08-2013	Skill Development Programme
Dr. V. Ranganathan	Dean, Dr. Mahalingam College of Engg. & Tech, Pollachi	19-08-2013	24-08-2013	EE402 VLSI Design
Mr. S. Balaji	Senior Sub-Division Engineer, BSNL, Tamilnadu.	25-08-2013	05-09-2013	EC301 Digital Communication Techniques
Mr. J. Santhanakrishnan	Retd. Deputy General Manager (BSNL)	26-08-2013	06-09-2013	EC911 Wireless Sensor Networks
Mr. R. Naresh Giridharan	CEO, Inteqsys Private Ltd., Chennai	03-09-2013	21-09-2013	GE102 Introduction to Computing
Mr. J. Santhanakrishnan	Retd. Deputy General Manager (BSNL)	26-09-2013	11-10-2013	EC911 Wireless Sensor Networks
Prof. S. Selvakumar	Professor, Department of Computer Science and Engineering, National Institute of Technology Tiruchirappalli	28-10-2013	28-10-2013	Networking Fundamentals
Prof. S. Selvam	Former Director, CUIC, Anna University, Chennai.	26-11-2013	01-12-2013	Skill Development Programme
Mr. R. Nagarajan	Software Consultant	26-11-2013	01-12-2013	Skill Development Programme
Mr. J. Santhanakrishnan	Retd. Deputy General Manager (BSNL).	26-11-2013	10-12-2013	EC911 Wireless Sensor Networks
Mr. Rajendra Kumar V. Joshi	Mission 10X, Research Centre, Wipro Technologies, Bangalore.	10-02-2014	11-02-2014	Wipro Mission 10X (Faculty Development)
Mr. R. Nagarajan	Software Consultant.	13-02-2014	14-02-2014	Skill Development Programme
Prof. S. Selvam	Former Director, CUIC, Anna University, Chennai.	13-02-2014	14-02-2014	Skill Development Programme
Mr. R. Naresh Giridharan	CEO, Inteqsys Private Ltd., Chennai.	17-02-2014	22-02-2014	Programming and IT Skill Development Programme

4.9 Scholarship to students

The students of NIT Nagaland are getting scholarships from various Government Organizations listed in Table 11 below:

Table 11: List of Scholarship issuing authorities

S. No.	Branch	Issuing Authority	No. of Students	Amount in Rs.
i.	EEE	District Welfare Officer, Nanded, Maharashtra	1	60,640
ii.	CSE	Ministry of Minority Affairs, Govt. of India	1	30,000
iii.	ECE	REC	3	72,000
iv.	EEE	REC	1	24,000
v.	CSE	REC	1	24,000
vi.	CSE	District Welfare Officer, Madhubani, Bihar	1	53,850
vii.	EEE	District Tribal Welfare officer, Medak	1	43,000
viii.	ECE	District Tribal Welfare officer, Warangal	1	37,600
ix.	CSE	District Welfare officer, Nalanda, Bihar	1	13,620
x.	EEE	District Welfare Department, west Champaran, Bihar	1	12,425

4.10 Faculty Development Programmes

Mission 10x programme was organized by the Wipro Technologies during 9th to 11th February 2014 for the faculty members to explore new methodologies in teaching, the techniques to practice various methods for teaching and to improve the student-staff relationship. Figure 10 shows the photograph taken on the event of the completion day.



Figure 10: Faculty at Wipro Mission 10X Programme

CHAPTER-5

5. Academic Departments

5.1. Computer Science and Engineering

The list of faculty in the Department of Computer Science and Engineering are mentioned in Table 12a below:

Table 12a: Faculty of Department of Computer Science and Engineering

Name of the Faculty	Designation
Mr. J. Arul Valan	Assistant Professor and HoD
Ms. K. Santhi	Assistant Professor
Mr. Lithungo K Murry	Assistant Professor
Mr. M. Muthukumar	Assistant Professor
Mr. Dilwar Hussain Mazumder	Assistant Professor
Ms. Arambam Neelima	Assistant Professor
Ms. Nagaraju Baydeti	Assistant Professor
Mr. Sibesh Lodh	Assistant Professor
Ms. P. Sevanthi	Teaching Assistant
Ms. Pranesh Das	Teaching Assistant
Ms. P. Moorthi	Teaching Assistant

The list of available laboratories in the Department of Computer Science and Engineering are mentioned in Table 12b below:

Table 12b: Laboratories in the Department of Computer Science and Engineering

S.No.	Name of Laboratory
i.	Programming Laboratory
ii.	Computer Networks Laboratory
iii.	XML and Web services Laboratory
iv.	Computer Graphics Laboratory
v.	Operating Systems Laboratory
vi.	Database Management Systems Laboratory
vii.	Service Oriented Architecture Laboratory

Research publications / Seminar/ Workshops / Conferences / Short-term Courses / organized / attended by the faculty members:

- Arambam Neelima, Kh Manglem Singh, "A short survey on perceptual hash function", Published in EGTET 2014, Organized by DBCET (Don Bosco College of Engineering and Technology), Guwahati, 7th- 8th March 2014
- Pranesh Das attended "Recent advances in network algorithms" conducted by IIT Guwahati, 9th – 13th September, 2013.

5.2 Electronics and Communication Engineering

The list of faculty members in the Department of Electronics and Communication Engineering are mentioned in Table 13a below:

Table 13a: Faculty of Department of Electronics and Communication Engineering

Name of the Faculty	Designation
Ms. Rini Lahiri	Assistant professor and HoD
Mr. Jay Chandra Dhar	Assistant professor
Mr. Naorem Khelchand Singh	Assistant professor
Ms. Palungbam Roji Chanu	Assistant professor
Mr. Madhusudan Singh	Assistant professor
Dr. Debadatta Pati	Assistant professor
Mr. Krishna Dutta	Teaching Assistant
Ms. Smaranika Subhasini	Teaching Assistant

The list of available laboratories in the Department of Electronics and Communication Engineering are mentioned in Table 13b below:

Table 13b Laboratories in the Department of Electronics and Communication Engineering

S.No.	Name of Laboratory
i.	Basic Electronics Laboratory
ii.	Digital Principles and System Design Laboratory
iii.	Electronic Circuits Laboratory
iv.	Microprocessor and Microcontroller Laboratory
v.	Linear Integrated Circuits Laboratory
vi.	Embedded Systems Laboratory
vii.	Digital Signal Processing Laboratory
viii.	Control System Laboratory
ix.	VLSI Design Laboratory
x.	Microwave and Optical Communication Laboratory
xi.	Digital Communication Laboratory
xii.	System on Chip Laboratory

Research Publications / Seminar / Workshops / Conferences / Short term Courses / organized / attended by the faculty members:

List of Publications

Conferences:

1. Naorem Khelchand Singh and Aniruddha Mondal, "Structural and Optical properties of axial SiO_x-In₂O₃ heterostructure nanocolumn", 3rd International Conference on Advanced Nanomaterials and Nanotechnology, IIT Guwahati during 1st -3rd December, 2013.

Journals:

1. Mondal A, Dhar J C, Chinnamuthu P, Singh N K, Chattopadhyay, K K Das, S K Das, S C Bhattacharyya A and Bhattacharyya A (2013), "Electrical properties of vertically oriented TiO₂ nanowire arrays synthesized by glancing angle deposition technique", Electronic Materials Letters, 9(2), 213-217.
2. Dhar J C, Mondal A, Singh N K and Chattopadhyay K K (2013), "Enhanced photoemission from glancing angle deposited SiO_x-TiO₂ axial heterostructure nanowire arrays", Journal of Applied Physics, 113(17), 174304.

3. Choudhuri B, Mondal A, Dhar J C, Singh N K, Goswami T and Chattopadhyay K K (2013), "Enhanced photocurrent from generated photo thermal heat in indium nanoparticles embedded TiO₂ film", Applied Physics Letters, 102(23), 233108.
4. Ganguly A, Mondal A, Dhar J C, Singh N K and Choudhury S (2013). "Enhanced visible light absorption by TiO₂ film patterned with Ag nanoparticles arrays", Physica E: Low-dimensional Systems and Nanostructures, 54, 326-330.
5. Mondal A, Singh N K, Chinnamuthu P, Dhar J C, Das T D and Bose P K (2013), "Ordered Si/Si-O nanowire array and its optical properties", Applied Physics A, 110(2), 479-485

5.3 Electrical and Electronics Engineering

The list of faculty members in the Department of Electrical and Electronics Engineering are mentioned in Table 14a below:

Table 14a: Faculty in the Department of Electrical and Electronics Engineering

Name of the Faculty	Designation
Ms. D. Ganga	Assistant Professor and HoD
Mr. M. Prakash	Assistant Professor
Ms. B. Shakila	Assistant Professor
Mr. Swaraj Banerjee	Assistant Professor
Dr. Dipu Sarkar	Assistant Professor
Mr. Dushmanta Kumar Das	Assistant Professor
Mr. Gyan Deori	Teaching Assistant

The list of available laboratories in the Department of Electrical and Electronics Engineering are mentioned in Table 14b below:

Table 14b: Laboratories in the Department of Electrical and Electronics Engineering

S.No.	Name of Laboratory
i.	Power Systems Laboratory
ii.	Electrical Machines and Drives Laboratory
iii.	Embedded Systems Laboratory
iv.	Power Electronics Laboratory
v.	Measurements and Instrumentation Laboratory
vi.	Data Acquisition Laboratory
vii.	Control Systems Laboratory

5.4 Science and Humanities

The list of faculty members in the Department of Science and Humanities are mentioned in Table 15a below:

Table 15a: Faculty in the Department of Science and Humanities

Name of the Faculty	Designation
Dr. Amrit Puzari	Assistant Professor and HoD
Dr. Jhimli Bhattacharyya	Assistant Professor
Dr. Jyoti Prasad Borah	Assistant Professor
Dr. Wati Walling	Assistant Professor
Dr. Debarun Dhar Purkayastha	Assistant Professor

Name of the Faculty	Designation
Dr. Deep Sarmah	Assistant Professor
Dr. Prem Prakash Mishra	Assistant Professor
Dr. Manoj Kumar Patel	Assistant Professor
Dr. Sanjib Choudhury	Assistant Professor

The list of available laboratories in the Department of Science and are mentioned in Table 15b below:

Table 15b: Laboratories in the Department of Science and Humanities

S.No.	Name of Laboratory
i.	Physics Laboratory
ii.	Chemistry Laboratory
iii.	Workshop

Research publications / Seminar/ Workshops / Conferences / Short-term Courses / organized / attended by the faculty members:

- Walling A Wati, Resources, Tribes and Development, ISBN978-81-316-0670-4
- A. Puzari and J. P. Borah, Rev. Adv. Mater.Sci.34 (2013) 14-34
- Alok Ranjan, Amrit Puzari, Jyoti Prasad Borah, Ratandeeep, "International Journal of Research in Engineering and Technology", 2 (1) (2013) 39 -42.
- Jhimli Bhattacharyya et. Al. J. Chem. Thermodynamics, 2013, 56, 114-122.
- J.P. Borah et. Al. Springer Proceedings in Physics, 143, 347- 350, 2013.
- M. K. Patel et. Al. International Journal of Computer Applications, 83(8), 2013.
- Sanjib Choudhury et. Al., Electronics Journal of Applied Statistical Analysis, 6(2), 166-174, 2013.
- Sanjib Choudhury et. Al., Asian Journal of Mathematics and Statistics, 6(1), 1-11, 2013.
- Sanjib Choudhury et. Al., AIP Conference Proceedings, 1557 (1) 27, 478-781, 2013.
- Oral presentation by A. Puzari at National Conference on Physical Science held at DHSK College, Dibrugarh, Assam during September 2013.
- Dr. J. P. Borah, attended AICTE Sponsored FDP at CIPET, Guwahati.

5.5 Civil Engineering

The list of faculty members in the Department of Civil Engineering are mentioned in Table 16a below:

Table 16a: Faculty in the Department of Civil Engineering

Name of the Faculty	Designation
Mr. Nzanthung Ngullie	Assistant Professor
Mr. Kevinguto Khate	Assistant Professor

5.6 Mechanical Engineering

The list of faculty members in the Department of Mechanical Engineering are mentioned in Table 17a below:

Table 17a: Faculty in the Department of Mechanical Engineering

Name of the Faculty	Designation
Rosang Pongen	Assistant Professor

CHAPTER-6

6. Training & Placement Details

6.1 Introduction

From the first outgoing batch (2010–2014) of students, 70% of the students got placed in reputed organizations like Indian Army (SSB), National Instruments, IBM, Polaris, Infosys, Aricent, Tech Mahindra, Dynalog Electronics and Ways2capital. The students have participated in the Summer Training & Internship programmes during the year 2013-14 in the Organizations / Industries / Institutes mentioned below:

- Ameex Technologies Pvt. Ltd. Chennai
- All India Radio, Kolkata
- Airport Authority of India, Kolkata
- Bhaba Atomic Research Center, Mumbai
- Bharat Sanchar Nigam Limited, Patna
- Bharat Heavy Electricals Limited Haridwar
- Bharat Electronics Limited, Bengaluru
- Brigosha Technologies Pvt. Ltd., Guwahati
- Centre for Development of Telematics, New Delhi
- Cetpa Infotech Pvt. Ltd., Noida (U.P.)
- Defence Research & Development Organization (LRDE), Bengaluru
- Doordarshan Kendra, New Delhi
- Delhi Metro Rail Corporation, New Delhi
- Enix Technology, Tiruchirappalli, Tamilnadu
- Electronics Corporation of India Limited, Hyderabad
- HP Education Services, Bengaluru
- Hindustan Paper Corporation Limited, Assam
- Hindustan Petroleum Corporation Limited, Vishakhapatnam
- Institute for Plasma Research, Gandhinagar, Gujarat
- India Academy of Science, Bengaluru
- Indian Institute of Technology Bombay
- Indian Institute of Technology Patna
- Indian Institute of Technology – BHU, Varanasi
- Indian Institute of Technology Guwahati
- Indian Telephone Industry Bengaluru
- Indian Oil Corporation Limited, Digboi, Assam
- Indian Oil Corporation Limited, Haldia, West Bengal
- Kota Super Thermal Power Station, Rajasthan
- Mahanagar Telephone Nigam Limited, New Delhi
- National Thermal Power Corporation, Talcher, Odisha
- National Thermal Power Corporation, Kahalgaon
- National Thermal Power Corporation, Unchahar
- National Thermal Power Corporation, Shaktinagar
- National Refineries Limited, Numaligarh, Assam
- Oil & Natural Gas Corporation, Jorhat, Assam
- Oil & Natural Gas Corporation, Odisha
- Oil & Natural Gas Corporation, Agartala (Tripura)
- Powergrid Dimapur, Nagaland
- Rockwell Automation, Bengaluru
- Steel Authority of India Limited, Rourkela, Odisha
- Tata Institute of Fundamental Research, Mumbai
- Vizag Steel Plant, Vishakhapatnam

6.2 Placement Details

The first batch (2010-2014) of students got placements in the following organizations listed in Table 16 below:

Table 16: First batch (2010-2014) students' placement details

S. No.	Name of Organization	CTC (Rs.)	EEE	ECE	CSE	TOTAL
1	Polaris Financial Technology	4.5 Lpa	--	--	2	2
2	Verizon Data Services	4.7 Lpa	--	1	--	1
3	Nilestream Info Tech	3.0 Lpa	8	15	9	32
4	L&T Ecc	3.7 Lpa	--	--	--	--
5	Aricent Global	3.5 Lpa	--	2	--	2
6	Ameex Technology	3.2 Lpa	--	--	4	4
7	Resonance Eduventure Pvt. Ltd.	40,000 pm	1	--	--	1
8	Reinspire Technology	3.8 Lpa	1	1	1	3
9	Grey-B	4.3 Lpa	--	1	--	1
10	IBM (Indian Software Technology & Lab)	5.3 Lpa	--	--	2	2
11	Dynalog Electronics	25,000 pm	2	--	--	2
12	CSS Corporation	2.8 Lpa	3	2	--	5
13	Infosys	3.25 Lpa	--	2	--	2
14	Sagacious Research	3.6 Lpa	--	1	--	1
15	Tech Mahindra	3.07 Lpa	2	1	--	3
16	National Instruments	9.5-10.0 Lpa	1	1	--	2
17	Indian Army	7.0 Lpa	2	5	1	8
18	Ways2capital	2.8 Lpa	3	6	3	12

6.3 Placement Statistics:

- Total number of students registered for Placement: 71
- Total number of student placed: 53
- Percentage of students placed: 74.64%

CHAPTER-7

7. Central Facilities and Services

7.1 Computer Centre

The Institute has a computer centre to provide campus-wide networking via dedicated NKN connectivity of 100Mbps bandwidth. The Institute also has redundant 8Mbps connectivity from BSNL. All the activities related to Internet connectivity are taken care of by the experienced staff members of the centre.

7.2 Central Library

The Central Library, NIT Nagaland started functioning in the permanent campus at Chumukedima, Dimapur in the year 2012-2013. The library is growing rapidly with exponential increase in collection of knowledge resources in the field of Engineering, Science and Technology. Figures at 11a and 11b show the partial view of the Central Library facility.



Figures 11a and 11b: Central Library Facility

The library has about 5913 volumes of collections. It has also good collections of CDs / DVDs and other electronic resources with the latest collections of periodicals, magazines and newspapers. The services and operations in the Central Library are fully computerized with RFID Technology.

7.3 Games and Sports

The Institute is equipped with sports facilities for various indoor and outdoor games for the students. Due to the infrastructural constraints, the Institute has temporarily adjusted for games like volleyball, badminton, kabbadi etc., and indoor games viz., Table-Tennis, Carom and Chess. The Institute has developed a badminton court and a volley ball cum kabbadi field for smooth conduct of the respective sports events. The Sports equipments / kits are issued to the students for both the practice sessions as well as during tournaments. The participation of students in sports activities are shown in Figures 12a, 12b, 12c and 12d below:



Figures 12a, 12b, 12c and 12d: Students participating in various sports activities

7.4 Fee Waiver for SC / ST Students

All the SC / ST students of the Institute are exempted from the payment of semester's Tuition Fee.

7.5 Dispensary

The Institute has a dispensary facility with a visiting doctor from the District Government Hospital, Dimapur on a weekly basis. Due care is being taken towards health for all the students. The Institute vehicle (ambulance) is available on 24*7 basis and the students can use this facility to visit the district hospital in case of emergency.

7.6 Other Facilities

The Institute has State Bank of India operating centre where the SBI personnel do come two days in a week to offer the banking services. The Institute is also equipped with the ATM of the State Bank of India for the convenience of students and staff members. The Institute has a Canteen. The Institute has a Dispatch Section which takes care of handing over the posts / parcels to the faculty, staff and the students.

CHAPTER-8

8. Student Activities

8.1 Intermural competition

The Institute regularly organizes the inter hostel sports competition for both the boys and girls, and encourages participation of the students in National level competitions. A brief overview of the various events that form a part of the annual lifestyle of a student is brought out hereunder:

- a. Arm wrestling
- b. Badminton
- c. Carrom
- d. Chess
- e. Cricket
- f. Kabaddi
- g. Table tennis
- h. Volleyball

8.2 All India inter-NIT participation

The students of the NIT Nagaland had participated in All India inter NITs Tournament at NIT Tiruchirappalli from 9th -12th February, 2014. The tournament includes Cricket, Kabaddi and Athletics. Thirty four students represented the Institute in this Tournament.

8.3 Literary and Cultural Activities

The Institute encourages the students to participate in various cultural and literary activities which are being periodically conducted in every academic year. The literary competitions like Debate, General quiz, Technical quiz were organized by the students during the academic year 2013-2014.

8.4 NIT Nagaland celebrates “Yuva-2014”

The students' community of NIT Nagaland organized the Freshers party, Yuva-2014 on February 2014. It is an introductory function for the new comers where they get to know about the adopted culture of the Institution of which they would be part herein after. The students showcased their talents in the form of folk dance, group dance, songs etc.

8.5 NIT Nagaland Technical Club activity

The Institute's Technical Club organized a Robotic Workshop for students to develop their own robotic models. The workshop focused on application and use of technology rather than its internal working so that the students can grasp the concepts well. Apart from this, NIT Nagaland Technical Club also organized a C Programming competition to improve the programming skill of the students.

CHAPTER-9

9. Extracurricular activities

9.1 Environmental Awareness

NIT Nagaland took a step towards creation of environmental awareness when it made a gesture of donating a wild 'Slow Loris' (shown in Figure 13) which was captured inside the campus to the Nagaland Zoological Park on September 19, 2013. The Faculty, staff and the students of NIT Nagaland pledged to make the Institute a "Green Campus" by banning deforestation, hunting and fishing within its jurisdiction in the presence of the Forest Department Officials and also to undertake "Tree Plantation" every year on the World Environmental Day i.e., 5th June.



Figure 13: Donation of a wild "Slow Loris" to the Forest Department Officials

9.2 Empowerment through Education

To encourage the school students in the nearby areas to pursue technical education, the students of NIT Nagaland took up an initiative with the support of the faculty members to give free tuition in Mathematics and Science to the 10th and 10+2 students those who are appearing at their board examinations. Two schools near the Institute namely St. Savio School Chumukedima and Emmanuel School Chumukedima are being supported through this initiative.

Owing to the tireless efforts of nearly 15 student volunteers, both the schools displayed a marked improvement in their performance during the State Board Examinations. The Institute earned the goodwill of a large number of the local populace through this initiative.

CHAPTER- 10

10. Financial Status

10.1 Grants-in-aid received from the MHRD

The Ministry of Human Resource Development, Government of India is the source for providing funds to the Institute. The Grants-in-aid received from the MHRD for the Financial Year 2013-2014 are mentioned in the Table 17 below:

Table 17: Grants-in-aid received from MHRD

					(Rs. in Lakh)
Financial Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
2009-2010	NIL	NIL	NIL	NIL	NIL
2010-2011			390		390
2011-2012	600	579.23	NIL	NIL	1179.23
2012-2013	400	800	500	500	2200
2013-2014	1850	3000	2000	500	7350

Fund Position as on 01-04-2014 (Amount Rs. In Lakhs)

Unspent Balance as on 01-04-2014 = Rs.1071.40

10.2 Expenditure Position

The expenditure position is given in the Annual Accounts.



ANNUAL ACCOUNTS

for the YEAR ENDED 31/03/2014

of

National Institute of Technology Nagaland
Chumukedima, Dimapur 797 103



BALANCE SHEET AS AT 31ST MARCH, 2014

CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Capital Fund	1	964,038,832	298,497,229
Current Liabilities & Provisions	2	29,784,847	11,714,230
TOTAL		993,823,679	310,211,459

PROPERTIES & ASSETS	Schedule	Current Year	Previous Year
Fixed Assets	3	630,487,352	233,758,929
Investments (FDR with SBI)	-	-	40,000,000
Current Assets	4	363,336,327	36,452,530
TOTAL		993,823,679	310,211,459

INCOME & EXPENDITURE A/C FOR THE YEAR ENDED 31ST MARCH, 2014

INCOME	Schedule	Current Year	Previous Year
Academic Receipts (Fees/Subscriptions) / Other Income	6	124,534,861	82,065,018
Interest Earned	7	1,509,898	1,790,660
TOTAL (A)		126,044,759	83,855,678

EXPENDITURE	Schedule	Current Year	Previous Year
Expenses	8	66,237,221	24,408,532
Depreciation	3	78,950,508	17,381,727
TOTAL (B)		145,187,729	41,790,259
TOTAL		993,823,679	310,211,459

Balance being carried over to Capital Fund (A-B)		(19,142,970)	42,065,419
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SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-1: CAPITAL FUND

Particulars	Current Year		Previous Year	
A. Corpus Fund Account				
Balance at the beginning of the year	-		123,000	
Less: Transferred to Capital Fund	-	-	123,000	-
B. Capital Fund				
Balance at the beginning of the year	298,497,229		3,627,077	
Add: Tfrd from Corpus Fund	-		123,000	
Add: DASA Grant transferred	-		50,000	
Add: Unspent Bal. of Plan Activities	-		98,173,803	
Add: Unutilised Balances of Provisions shown under Other Current Liabilities last year	-		2,188,237	
Add: Net Rectification Entries	4,192,931		-	
Add: Grant for Capital Assets (Gen)	503,910,000		27,500,000	
Add: Grant for Capital Assets (SC)	122,450,000		7,500,000	
Add: Grant for Capital Assets (ST)	54,080,000		9,098,000	
Add: Suspense	51,642		-	
Add: Security Dep. From Students forfeited	-		75,000	
Add: Income during the year	(19,142,970)		42,065,419	
Add: Tfrd from Grant recd. from Govt. for Gen. Activities	-	964,038,832	108,096,693	298,497,229
Balance at the Year End		964,038,832		298,497,229

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-2: CURRENT LIABILITIES AND UNSPENT BALANCES

Particulars	Current Year		Previous Year	
A. Current Liabilities				
i) Other Current Liabilities				
Audit Fees Payable	80,000		-	
Honorarium Payable	25,000		-	
Pension / GPF Payable	21,933		-	
Professional Tax Payable (FY 2012-13)	52,982		-	
Professional Tax Payable (FY 2013-14)	109,200		-	
Rent (Office cum Res.) Payable	25,000		-	
Salary of Director Payable	151,567		-	
Salary to Medical Prac. Payable	15,000		-	
Salary to Mess Employees Payable	91,333		-	
Staff Salary Payable	2,704,463		-	
TDS Payable (FY 13-14)	89,467		-	
Earnest Money & Sec. Deposit (Annex-I)	3,232,244		2,164,243	
Hostel Caution Money (Refundable)	1,215,000		1,020,000	
Institute Caution Money (Refundable)	738,000		543,000	
Liability to NIT Silchar	693,289		693,289	
Library Deposit (Refundable)	70,000		37,500	
Mess Advance	956,605		239,745	
Mess Dues	4,510		874,349	
Scholarship	203,050		20,000	
Sundry Creditors (Schedule - 5)	19,306,204	29,784,847	6,122,104	11,714,230
B. Unspent Balances				
Against Plan Activities	-		98,173,803	
Add: Received during the year	-			
Grant for Capital Assets (Gen)	-		27,500,000	
Grant for Capital Assets (SC)	-		7,500,000	
Grant for Capital Assets (ST)	-		9,098,000	
Less: Capitalised Value of Fixed Assets before Depreciation	-		(250,368,496)	

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-2: CURRENT LIABILITIES AND UNSPENT BALANCES (contd.)

Particulars	Current Year	Previous Year
Add: Transferred from Funds received for General Activities & Salary	-	108,096,693
Grant – DASA		50,000
Less: Transferred to Capital Fund	-	50,000
TOTAL	29,784,847	11,714,230

SCHEDULE-3: FIXED ASSETS AND DEPRECIATION THEREON

Sl. No.	Description	Rate	WDV as on 01/04/2013	Additions		Deductions	Sub-Total	Depreciation	Closing WDV on 31/03/2014
				On or before 30/09/2013	After 01/10/2013				
1	Furniture & Fixtures	10%	22,012,911.00	6,989,659.00	2,340,077.00	-	31,342,647.00	3,017,261.00	28,325,386.00
2	Dais for Classrooms (5 Nos.)	10%	137,750.00	-	-	-	137,750.00	13,775.00	123,975.00
3	Digital Weighing Machine	10%	-	-	11,500.00	-	11,500.00	575.00	10,925.00
4	Land & Building	10%	192,660,040.00	51,586,060.00	325,138,746.00	-	569,384,846.00	40,681,547.00	528,703,299.00
5	Notice Boards (6 Nos.)	10%	76,035.00	-	-	-	76,035.00	7,604.00	68,431.00
6	Sanitary Fixtures & Items	10%	-	64,335.00	-	-	64,335.00	6,434.00	57,901.00
7	Sign Board (3 Nos.)	10%	18,525.00	-	-	-	18,525.00	1,853.00	16,672.00
8	Sintex Tanks (8 Nos.)	10%	118,560.00	-	-	-	118,560.00	11,856.00	106,704.00
9	Sintex Water Tank (1000 Ltr)	10%	-	9,200.00	-	-	9,200.00	920.00	8,280.00
10	Sintex Water Tank (2000 Ltr)	10%	-	18,400.00	-	-	18,400.00	1,840.00	16,560.00
11	Storage Tanks (3 Nos.)	10%	17,670.00	-	-	-	17,670.00	1,767.00	15,903.00
12	Tools	10%	-	17,000.00	-	-	17,000.00	1,700.00	15,300.00
13	Transformers	10%	-	-	230,091.00	-	230,091.00	11,505.00	218,586.00
14	Water Tank (1000 ltrs)	10%	9,215.00	-	-	-	9,215.00	922.00	8,293.00
15	Writing Board (White)	10%	43,130.00	-	-	-	43,130.00	4,313.00	38,817.00
	TOTAL OF 10% BLOCK		215,093,836.00	58,684,654.00	327,720,414.00	-	601,498,904.00	43,763,872.00	557,735,032.00
16	100 KVA Oil Cooled Servo Stabilizer	15%	-	-	358,160.00	-	358,160.00	26,862.00	331,298.00
17	1KW Solar Off Grid PV System	15%	-	-	299,455.00	-	299,455.00	22,459.00	276,996.00
	1KW Solar Off Grid Pwr Condng		-	-	-	-	-	-	-
18	Unit	15%	-	-	65,055.00	-	65,055.00	4,879.00	60,176.00
19	20W Solar DC System	15%	-	-	56,000.00	-	56,000.00	4,200.00	51,800.00
20	2KW Solar Off Grid PV System	15%	-	-	771,960.00	-	771,960.00	57,897.00	714,063.00
21	4 Core Armed Cable	15%	-	-	187,180.00	-	187,180.00	14,039.00	173,141.00
22	AC (1.5 Ton)	15%	-	-	545,440.00	-	545,440.00	40,908.00	504,532.00
23	AC (2.0 Ton)	15%	-	-	625,660.00	-	625,660.00	46,925.00	578,735.00
24	Ahuja Mics & Speakers	15%	-	-	45,550.00	-	45,550.00	3,416.00	42,134.00
25	Blue Chip Stabiliser (3 Nos.)	15%	14,026.00	-	-	-	14,026.00	2,103.00	11,923.00
26	Chemistry Lab Equipments	15%	-	-	259,750.00	-	259,750.00	19,481.00	240,269.00
27	Eeco Vehicle (5864)	15%	361,613.00	17,210.00	-	-	378,823.00	56,823.00	322,000.00
28	Eeco Vehicle (9080)	15%	345,816.00	-	-	-	345,816.00	51,872.00	293,944.00
29	Eeco Vehicle (9338)	15%	324,724.00	-	-	-	324,724.00	48,709.00	276,015.00
30	Eicher Bus (2430)	15%	-	990,938.00	-	-	990,938.00	148,641.00	842,297.00
31	Electric Heater	15%	-	-	1,599.00	-	1,599.00	120.00	1,479.00

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-3: FIXED ASSETS AND DEPRECIATION THEREON (contd.)

Sl. No.	Description	Rate	WDV as on 01/04/2013	Additions		Deductions	Sub-Total	Depreciation	Closing WDV on 31/03/2014
				On or before 30/09/2013	After 01/10/2013				
32	Electronic Equipments	15%	2,010,380.00	2,830,530.00	-	-	4,840,910.00	726,137.00	4,114,773.00
33	Fax (Sharp-FO P610)	15%	-	9,120.00	-	-	9,120.00	1,368.00	7,752.00
34	Fridge (35 LMT4N)	15%	-	30,100.00	-	-	30,100.00	4,515.00	25,585.00
35	Geyser (25 Ltrs)	15%	-	-	13,600.00	-	13,600.00	1,020.00	12,580.00
36	Inverter & Battery	15%	17,519.00	-	-	-	17,519.00	2,628.00	14,891.00
37	Kores Walky Talky	15%	6,791.00	-	-	-	6,791.00	1,019.00	5,772.00
38	K-Yan Projector with K-Slate	15%	-	263,550.00	-	-	263,550.00	39,533.00	224,017.00
39	Lab Electrical Fittings	15%	-	-	799,277.00	-	799,277.00	59,946.00	739,331.00
40	Microtek Inverter	15%	-	-	11,490.00	-	11,490.00	862.00	10,628.00
41	Music System (with Glass Stand)	15%	-	84,000.00	-	-	84,000.00	12,600.00	71,400.00
42	Paper Shredder	15%	7,400.00	-	-	-	7,400.00	1,110.00	6,290.00
43	Physics Lab Equipments	15%	-	614,500.00	-	-	614,500.00	92,175.00	522,325.00
44	Portable Mic with Speaker (2 Nos.)	15%	-	6,000.00	-	-	6,000.00	900.00	5,100.00
45	Projector (Sharp) (3 Nos.)	15%	129,037.00	-	-	-	129,037.00	19,356.00	109,681.00
46	Projector Screen	15%	16,650.00	-	-	-	16,650.00	2,498.00	14,152.00
47	RFID Reader (Book)	15%	38,850.00	-	-	-	38,850.00	5,828.00	33,022.00
48	RFID Reader (Student)	15%	49,025.00	-	-	-	49,025.00	7,354.00	41,671.00
49	Samsung Fridge	15%	17,850.00	-	-	-	17,850.00	2,678.00	15,172.00
50	Sony Camera DSC Wx50	15%	11,091.00	-	-	-	11,091.00	1,664.00	9,427.00
51	Sony TV (Guest House)	15%	12,665.00	-	-	-	12,665.00	1,900.00	10,765.00
52	Stabiliser	15%	6,845.00	8,200.00	-	-	15,045.00	2,257.00	12,788.00
53	Tata Sky Dish	15%	1,776.00	-	-	-	1,776.00	266.00	1,510.00
54	Tata Sky Dish + Box (4 Nos.)	15%	3,700.00	-	-	-	3,700.00	555.00	3,145.00
55	TV (4 Nos.)	15%	115,736.00	-	-	-	115,736.00	17,360.00	98,376.00
56	Vacuum Cleaner	15%	3,006.00	-	-	-	3,006.00	451.00	2,555.00
57	Video Conferencing Equipments	15%	4,347.00	-	-	-	4,347.00	652.00	3,695.00
58	Voltas AC (3 Nos.)	15%	93,075.00	-	-	-	93,075.00	13,961.00	79,114.00
59	Washing Machine (Godrej)	15%	12,765.00	-	-	-	12,765.00	1,915.00	10,850.00
60	Washing Machine GWF 650 FDC	15%	-	18,440.00	-	-	18,440.00	2,766.00	15,674.00
61	Water Cooler (2 Nos.)	15%	-	99,000.00	-	-	99,000.00	14,850.00	84,150.00
62	Water Purifiers	15%	196,100.00	53,000.00	-	-	249,100.00	37,365.00	211,735.00
63	Workshop Equipments	15%	8,921,263.00	-	-	-	8,921,263.00	1,338,189.00	7,583,074.00
KITCHEN ITEMS									
64	3 Burner Cooking Range	15%	-	58,000.00	-	-	58,000.00	8,700.00	49,300.00
65	Bainmarie with Cutlery Warmer Etc	15%	-	180,000.00	-	-	180,000.00	27,000.00	153,000.00
66	Bluestar Deep Fridge (500 Ltr)	15%	-	33,000.00	-	-	33,000.00	4,950.00	28,050.00
67	Chapati Preparation Table	15%	-	25,500.00	-	-	25,500.00	3,825.00	21,675.00
68	Clean Dish Table With 2 Undershelf	15%	-	24,000.00	-	-	24,000.00	3,600.00	20,400.00
69	Commercial Mixer Grinder	15%	-	28,000.00	-	-	28,000.00	4,200.00	23,800.00
70	Commercial Roti Tava (Steel)	15%	-	74,990.00	-	-	74,990.00	11,249.00	63,741.00
71	Cutlery Storage (3 Tier - Wall Mounted)	15%	-	49,750.00	-	-	49,750.00	7,463.00	42,287.00
72	Cutlery Storage Rack (5 Tier)	15%	-	38,000.00	-	-	38,000.00	5,700.00	32,300.00
73	Dish Wash Unit (3 Sinks)	15%	-	65,000.00	-	-	65,000.00	9,750.00	55,250.00
74	Dough Kneader	15%	-	85,000.00	-	-	85,000.00	12,750.00	72,250.00
75	Hot Air Ventilation Hood with Ducting	15%	-	550,000.00	-	-	550,000.00	82,500.00	467,500.00
76	Kitchen Utility Trolley	15%	-	115,500.00	-	-	115,500.00	17,325.00	98,175.00
77	LPG High Pressure Pipeline	15%	-	190,000.00	-	-	190,000.00	28,500.00	161,500.00
78	Milk Boiler	15%	-	85,000.00	-	-	85,000.00	12,750.00	72,250.00
79	Potato Peeler	15%	-	60,000.00	-	-	60,000.00	9,000.00	51,000.00
80	Pot Rack (4 Tier)	15%	-	43,800.00	-	-	43,800.00	6,570.00	37,230.00

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-3: FIXED ASSETS AND DEPRECIATION THEREON (contd.)

Sl. No.	Description	Rate	WDV as on 01/04/2013	Additions		Deductions	Sub-Total	Depreciation	Closing WDV on 31/03/2014
				On or before 30/09/2013	After 01/10/2013				
81	Preparation Cum Work Table	15%	-	272,000.00	-	-	272,000.00	40,800.00	231,200.00
82	Rice Boiler for Bulk Cooking	15%	-	220,000.00	-	-	220,000.00	33,000.00	187,000.00
83	Single Stock Pot Cooking Range (2)	15%	-	38,000.00	-	-	38,000.00	5,700.00	32,300.00
84	Soiled Dish Landing Table	15%	-	55,000.00	-	-	55,000.00	8,250.00	46,750.00
85	Table with Sink & 2 Under shelf	15%	-	85,000.00	-	-	85,000.00	12,750.00	72,250.00
86	Utensils	15%	-	273,806.00	36,500.00	-	310,306.00	43,808.00	266,498.00
87	Wet Grinder	15%	-	45,000.00	-	-	45,000.00	6,750.00	38,250.00
	TOTAL OF 15% BLOCK		12,722,050.00	7,718,934.00	4,076,676.00	-	24,517,660.00	3,371,902.00	21,145,758.00
88	10 KVA Online IGBT UPS	60%	-	1,250,000.00	-	-	1,250,000.00	750,000.00	500,000.00
89	20 KVA Online IGBT UPS	60%	-	600,000.00	-	-	600,000.00	360,000.00	240,000.00
90	APC - UPS	60%	-	7,100.00	-	-	7,100.00	4,260.00	2,840.00
91	Belkin Modem	60%	1,200.00	-	-	-	1,200.00	720.00	480.00
92	Brother Label Printer (1)	60%	5,324.00	-	-	-	5,324.00	3,194.00	2,130.00
93	Brother Label Printer (2)	60%	19,800.00	-	-	-	19,800.00	11,880.00	7,920.00
94	Campus Networking Components	60%	-	-	35,474,904.00	-	35,474,904.00	10,642,471.00	24,832,433.00
95	Computer	60%	2,195,550.00	-	-	-	2,195,550.00	1,317,330.00	878,220.00
96	Dell Laptop 450 (B56TXX1)	60%	-	71,000.00	-	-	71,000.00	42,600.00	28,400.00
97	Desktop PCs (5 Nos.)	60%	135,646.00	-	-	-	135,646.00	81,388.00	54,258.00
98	DT Dell 660S Machines	60%	-	840,000.00	435,000.00	-	1,275,000.00	634,500.00	640,500.00
99	Elnova 5KV Online UPS	60%	52,000.00	-	-	-	52,000.00	31,200.00	20,800.00
100	Elnova T640 UPS	60%	1,260.00	-	-	-	1,260.00	756.00	504.00
101	Exide Battery (CT 500) (2 Nos)	60%	-	-	34,398.00	-	34,398.00	10,319.00	24,079.00
102	Hard Disk (1 TB)	60%	7,140.00	-	-	-	7,140.00	4,284.00	2,856.00
103	HP 1536 Printer	60%	-	-	25,400.00	-	25,400.00	7,620.00	17,780.00
104	HP Colour Printer	60%	-	-	52,650.00	-	52,650.00	15,795.00	36,855.00
105	HP Laser Printer (1536DNF)	60%	-	48,000.00	48,000.00	-	96,000.00	43,200.00	52,800.00
106	HP Laserjet Printer 1536	60%	9,600.00	-	-	-	9,600.00	5,760.00	3,840.00
107	HP Laserjet Printer M1536	60%	98,122.00	-	-	-	98,122.00	58,873.00	39,249.00
108	HP Laserjet Pro 400 MFP	60%	68,355.00	-	-	-	68,355.00	41,013.00	27,342.00
109	IC Lab Hardware & Software (EC)	60%	-	-	25,868,241.00	-	25,868,241.00	7,760,472.00	18,107,769.00
110	Networking Components	60%	224,184.00	-	-	-	224,184.00	134,510.00	89,674.00
111	Printer DMP LQ 540	60%	-	10,600.00	-	-	10,600.00	6,360.00	4,240.00
112	Printer HP 5200 (A3)	60%	-	-	80,518.00	-	80,518.00	24,155.00	56,363.00
113	Printer LQ DSI-5235	60%	-	49,000.00	-	-	49,000.00	29,400.00	19,600.00
114	Rackmount Server	60%	140,918.00	-	-	-	140,918.00	84,551.00	56,367.00
115	Radio Modem	60%	162,329.00	-	-	-	162,329.00	97,397.00	64,932.00
116	Seagate 1 TB Harddisk	60%	-	4,950.00	-	-	4,950.00	2,970.00	1,980.00
117	Server (2 Sets)	60%	-	713,713.00	-	-	713,713.00	428,228.00	285,485.00
118	Sony 16 GB Pen Drives (20 Nos.)	60%	-	-	21,600.00	-	21,600.00	6,480.00	15,120.00
119	Sony Laptop (Dir's Office)	60%	17,400.00	-	-	-	17,400.00	10,440.00	6,960.00
120	Sony Vaio Laptop (Dean's Office)	60%	34,293.00	-	-	-	34,293.00	20,576.00	13,717.00
121	SuKam 850 VA UPS	60%	7,040.00	-	-	-	7,040.00	4,224.00	2,816.00
122	Tower Model Serve (2 Nos.)	60%	-	-	713,713.00	-	713,713.00	214,114.00	499,599.00
123	UPS - 10 KVA	60%	-	695,244.00	-	-	695,244.00	417,146.00	278,098.00
124	UPS 10 KVA (2 Nos.)	60%	324,447.00	-	-	-	324,447.00	194,668.00	129,779.00
125	WD External Hard Disk (1 TB)	60%	3,885.00	-	-	-	3,885.00	2,331.00	1,554.00
	SOFTWARES								
126	Adv. Embedded Application Dev. Kit	60%	-	-	142,500.00	-	142,500.00	42,750.00	99,750.00

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-3: FIXED ASSETS AND DEPRECIATION THEREON (contd.)

Sl. No.	Description	Rate	WDV as on 01/04/2013	Additions		Deductions	Sub-Total	Depreciation	Closing WDV on 31/03/2014
				On or before 30/09/2013	After 01/10/2013				
127	Cadence Software	60%	-	1,399,200.00	-	-	1,399,200.00	839,520.00	559,680.00
128	Communication Sys Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
129	Control System Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
130	DSP System Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
131	Fee Module Software	60%	-	-	90,250.00	-	90,250.00	27,075.00	63,175.00
132	Image Processing Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
133	JE Campus Manager Software	60%	-	42,500.00	-	-	42,500.00	25,500.00	17,000.00
134	Library Software	60%	66,500.00	-	-	-	66,500.00	39,900.00	26,600.00
135	MATLAB Software	60%	-	336,800.00	-	-	336,800.00	202,080.00	134,720.00
136	Mess Application Software	60%	-	140,000.00	-	-	140,000.00	84,000.00	56,000.00
137	NI Academic Site License	60%	-	2,250,000.00	-	-	2,250,000.00	1,350,000.00	900,000.00
138	OrCAD Pspice Software	60%	-	-	1,414,000.00	-	1,414,000.00	424,200.00	989,800.00
139	RF Tool Box Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
140	Signal Processing Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
141	Sim Electronics	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
142	Sim Power System Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
143	Sim RF Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
144	Simscape Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
145	Simulink Software	60%	-	254,800.00	-	-	254,800.00	152,880.00	101,920.00
146	Software (APIS)	60%	241,500.00	-	-	-	241,500.00	144,900.00	96,600.00
147	Software (by Enixs)	60%	1,240,324.00	-	-	-	1,240,324.00	744,194.00	496,130.00
148	Software (by Pracsol)	60%	499,531.00	-	-	-	499,531.00	299,719.00	199,812.00
149	Software (by BMG)	60%	14,575.00	-	-	-	14,575.00	8,745.00	5,830.00
150	SYMBOLIC Math Software	60%	-	101,920.00	-	-	101,920.00	61,152.00	40,768.00
	TOTAL OF 60% BLOCK		5,570,923.00	9,834,027.00	64,401,174.00	-	79,806,124.00	28,563,320.00	51,242,804.00
151	Books	100%	372,120.00	2,108,872.00	727,516.00	-	3,208,508.00	2,844,750.00	363,758.00
152	E-Books (Wiley)	100%	-	406,664.00	-	-	406,664.00	406,664.00	-
	TOTAL OF 100% BLOCK		372,120.00	2,515,536.00	727,516.00	-	3,615,172.00	3,251,414.00	363,758.00
	GRAND TOTAL		233,758,929.00	78,753,151.00	396,925,780.00	-	709,437,860.00	78,950,508.00	630,487,352.00

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-4: CURRENT ASSETS

Particulars	Current Year		Previous Year	
A. Deposits				
Security Deposit (Rent)	168,000		168,000	
Security Deposit (Gas Cylinder)	34,000	202,000	-	168,000
B. Loans & Advances				
Advance for Lab Construction	-		1,158,000	
Advance to Arul Valan	663		-	
Advance to Benrio Ngullie	28,036		-	
Advance to Deputy Registrar	171,093		400,139	
Advance to Director	46,166		11,800	
Advance to M P Ganesamoorthy	(11,764)		-	
Advance to Laxmi Narayana	(2,136)		-	
Miscellaneous Advance by Benrio	3,000		-	
Advance for Infrastructure Development	250,000,000		-	
Departmental Advance	500,000		500,000	
Hostel Bank A/c	5,000	250,740,058	5,000	2,074,939
C. Other Current Assets				
EMD (DD in Hand)	237,740		-	
Grants Receivables	50,000,000		-	
Tender Fee (DD in Hand)	22,500		-	
Tuition Fees Receivable	4,646,480	54,906,720	-	-
D. Cash-in-Hand	-	8,924	-	54,711
E. Bank Balance				
SBI, Chumukedima (CA-32201262075)	56,821,741		33,681,131	
SBI, Silchar (SB-31440720459)	473,749		473,749	
SBI, Hostel A/c (CA-32712310676)	183,135	57,478,625	-	34,154,880
Balance at the Year End		363,336,327		36,452,530

SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH 2014

SCHEDULE-5: SUNDRY CREDITORS

Particulars	Current Year		Previous Year	
A. List of Sundry Creditors				
Adyar Travel Bureau Pvt. Ltd.	(168,717)		-	
Ampitron Products	360		-	
BMG Informatics Pvt. Ltd.	73,618		73,618	
DRD Agencies	3,380		-	
Jas Effects I T Solutions Pvt. Ltd.	4,465		-	
Joy Supply Agencies	112,468		112,468	
Kapal Industries	273,424		273,424	
Login Edu Tree Pvt. Ltd.	675,100		-	
Lotus Sales Enterprises	137,310		-	
M/s N R Chakhesang	(533,195)		-	
Majestic Printers	22,408		22,408	
Modern Lab Interio	-		1,849,720	
Nandalal Mangilal Jain	(412,116)		504,827	
National Industrial Corporation	127,816		-	
Netcom Solution	14,899,460		-	
Netcon Technologies India Pvt. Ltd	169,381		-	
Niathu Resort	(525)		-	
Pacer Power Solution Pvt. Ltd.	(40,000)		-	
Pvt. Ltd.	57,960		-	
Solarland Renewable Energy (India)			-	
Sushama Electronics	1,281,900		1,281,900	
Triesten Technologies Pvt. Ltd.	13,867		13,867	
U K Enterprise	617,968		-	
Usha Instrument & Chemicals	1,989,872	19,306,204	1,989,872	6,122,104
TOTAL		19,306,204		6,122,104

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2014

SCHEDULE-6: INCOME FROM FEES / OTHER INCOME

Particulars	Current Year	Previous Year
A. Income from Fees		
Fees for PhD	347,850.00	-
Application Fees	253,800.00	24,100.00
Tuition Fees	12,467,830.00	6,081,111.00
TOTAL (A)	13,069,480.00	6,105,211.00
B. Other Income		
Bus Charges from Employees	74,100.00	-
Discount Received	35,312.00	-
Grant Received from Central Govt. for General Activities & Salary	104,560,000.00	75,728,307.00
Hostel Room Rent from Staff	37,900.00	-
Miscellaneous / Late Fine	19,920.00	3,000.00
License Fee from Staff	5,125.00	-
Mess Bill Collection	6,167,360.00	-
Misc Income	156,469.00	-
Registration of Supplier Charges	-	152,500.00
Rent from Employees	59,595.00	-
Tender Document Fee	340,000.00	76,000.00
Transportation Charges from Staff	9,600.00	-
TOTAL (B)	111,465,381.00	75,959,807.00
TOTAL (A + B)	124,534,861.00	82,065,018.00

SCHEDULE-7: INCOME FROM INTEREST

Particulars	Current Year	Previous Year
A. Interest Income		
Interest earned from Savings Bank A/c	-	1,790,660.00
Interest earned from Fixed Deposit	1,509,898.00	-
TOTAL (A)	1,509,898.00	1,790,660.00

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2014

SCHEDULE-8: EXPENSES

Particulars	Current Year	Previous Year
A. Expenses during the year		
Salary	29,934,773	13,386,613
Accommodation Expenses	314,540	447,298
Accommodation Expenses (Guest)	936,544	-
Advertisement Exp.	1,466,135	1,004,451
Audit Fees	40,000	20,000
Bank Charges / Commission	25,366	10,283
Car Hiring Charges	-	50,000
Computer Expenses	2,417	43,659
Consultancy Fees	181,000	-
Conveyance Expenses (Tour)	310,662	156,921
Conveyance (Local)	50,800	5,850
Conveyance (Local-Guests)	40,700	14,060
Duties & Taxes	10,622,880	-
Electrical Work Charges	35,413	101,139
Electricity Bill (Campus)	788,096	544,437
Electricity Bill (Office Cum Res)	19,000	27,906
Festival Celebration	17,573	-
Food & Refreshment (Dmp)	87,200	27,113
Food & Refreshment (Guest)	311,510	-
Food & Refreshments (Travelling)	48,752	52,626
Freight Charges	527,806	40,000
Fuel Expenses	1,439,299	129,286
Furnishings	316,709	7,160
Generator Expenses	28,088	138,174
Gifting Expenses	220,429	-
Honorarium	241,500	188,800
Hospitality Expenses	-	311,760
Housekeeping Expenses	288,054	-
Balance Carried Forward	48,295,246	16,707,536
Installation Charges	375,232	-
Insurance (Vehicle)	13,504	-
Internet Expenses	779,773	840,125

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2014

SCHEDULE-8: EXPENSES (contd.)

Particulars	Current Year	Previous Year
Internet Installation Charges	-	173,829
Lab Expenses	144,926	-
Labour Charges	78,036	-
Legal Fees	-	30,000
Library Smart Cards	-	87,347
Magazines & Periodicals	9,950	-
Medical Expenses	7,610	24,863
Membership Fees	-	35,000
Mess Expenses	4,933,297	-
Minister's Visit (Foundation Stone)	-	450,722
Miscellaneous Expenses	157,696	411,118
Misc. Hospitality Expenses	23,893	-
Mobile & Telephone Expenses	37,996	67,794
Newspaper Expenditure	12,438	5,082
Pension & Leave Salary (Director)	254,682	158,227
Postage & Courier	10,964	32,736
Printing & Stationery Expenses	2,616,300	654,963
Professional Tax	-	6,540
Remuneration	113,000	303,900
Remuneration for Guest Lectures	990,892	506,787
Remuneration to Staff	-	27,500
Rent (Office Cum Director Res)	300,000	200,000
Repairs & Maint.	179,117	19,872
TOTAL	59,334,552	20,743,941
Sanitary Charges	-	31,200
Security Services	-	-
Seminar & Conference Programme	110,000	-
Sitting Fees	370,800	-
Sports Activity Expenses	115,310	-
TA/DA Expenses	21,130	168,937
Training for Faculty	-	10,000
Traveling Expenses	1,462,762	1,008,032

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2014

SCHEDULE-8: EXPENSES (contd.)

Particulars	Current Year	Previous Year
Traveling Exps (Guest)	2,422,050	463,957
Uniform Exps.	56,590	37,715
Vehicle Maintenance Exp.	-	29,377
Vehicle Running & Maintenance	98,215	11,210
Water Expenses	1,935,012	1,806,163
Water Exps. (Office Cum Res.)	10,800	11,820
Web Dev., Hosting & Maint. Chgs	300,000	86,180
TOTAL	66,237,221	24,408,532

Bank Reconciliation Statement for the year ending 31st March, 2014 for SBI, Chumukedima Current A/c No. 32201262075

Bank Balance as per Cash Book as on 31/03/2014 56,821,741.00

Add: The following cheques which were issued on or before 31/03/2014 but not encashed by that date

Cheque No.	Issued on	Cleared on	Amount (Rs.)	
734691	15/03/2014	07/04/2014	7,500.00	
734696	18/03/2014	16/04/2014	91,540.00	
734699	20/03/2014	02/04/2014	300,000.00	
734701	20/03/2014	08/04/2014	208,900.00	
734708	27/03/2014	04/04/2014	100,000.00	
734713	27/03/2014	11/04/2014	12,050.00	
734719	28/03/2014	03/04/2014	101,417.00	821,407.00

Less : The following cheques which were deposited on or before 31/03/2014 but not credited by that date

DD / Cheque No.	Deposited on	Cleared on	Amount (Rs.)		
012849	06/03/2014	19/05/2014	200,000.00		
764965	17/02/2014	04/04/2014	5,000.00		
982152	17/02/2014	04/04/2014	5,000.00	210,000.00	57,433,148.00

Hence, Balance as per Bank Statement as on 31/03/2014 57,433,148.00

Annexure-I : DETAILS OF EMD & SECURITY DEPOSIT FOR FY 2013-14

Sl. No.	Name of the Firm / Company	FY 2011-12	FY 2012-13	FY 2013-14	Released in FY 13-14	Balance as on 31/03/2014
1	Sec. Deposit (C. No. 090825 in FY 2012-13)	-	9,270.00			9,270.00
2	Security Deposit (DD No. 535331)			50,000.00		50,000.00
3	Abacus Infotech, Mumbai	-	3,655.00			3,655.00
4	Abodoo Solutions Pvt. Ltd.	6,241.00	-			6,241.00
5	Adarsh Enterprises			54,150.00		54,150.00
6	ADCC Infocad Pvt. Ltd.			300,000.00	300,000.00	-
7	Alpha Data Tech	-	3,995.00			3,995.00
8	Alpha Marketing, Chennai			14,133.00		14,133.00
9	Anshuman Tech Pvt. Ltd.	-	63,000.00	300,000.00	363,000.00	-
10	ATC Agencies, Guwahati	-	54,900.00	51,590.00	50,000.00	56,490.00
11	Biogreeno Marketing, Chennai			14,765.00		14,765.00
12	BMG Informatics Pvt. Ltd., Guwahati			56,000.00	56,000.00	-
13	Brilliant Scientific Co.	-	22,400.00		22,400.00	-
14	Calsof Software Solutions, Chennai			5,400.00		5,400.00
15	Commercial Stationers, Guwahati	-	90,000.00	45,000.00	90,000.00	45,000.00
16	Edutech India Pvt. Ltd., Kolkata			300,000.00	300,000.00	-
17	Electro-Mart			25,320.00	25,320.00	-
18	Enixs Technology India Pvt. Ltd.			85,700.00		85,700.00
19	FTD Automation Pvt. Ltd., Bangalore			20,200.00		20,200.00
20	Global Marketing, Guwahati			50,000.00	50,000.00	-
21	Godrej & Boyce	-	4,700.00	89,490.00	4,700.00	89,490.00
22	Industrial Agencies	110,000.00	-			110,000.00
23	Innovative Invaders Technology, Coimbatore			35,200.00		35,200.00
24	Joy Supply Agencies			64,250.00	54,250.00	10,000.00
25	Kuber Techno Craft			50,000.00		50,000.00
26	Lab Mate	-	24,000.00		24,000.00	-
27	Lawrence & Mayo	-	300,000.00		300,000.00	-
28	Limaienla Ao, Dimapur			98,700.00		98,700.00

Annexure-I : DETAILS OF EMD & SECURITY DEPOSIT FOR FY 2013-14 (contd.)

Sl. No.	Name of the Firm / Company	FY 2011-12	FY 2012-13	FY 2013-14	Released in FY 13-14	Balance as on 31/03/2014
29	Login Edu Tree Pvt. Ltd., Chennai			5,000.00		5,000.00
30	Lokenath Industries	42,000.00	-			42,000.00
31	Lotus Sales Enterprises, Dimapur (EMD)	-	4,700.00	278,200.00	114,950.00	167,950.00
32	Lotus Sales Enterprises, Dimapur (SD)	-	4,700.00			4,700.00
33	M J Electricals, Guwahati			12,650.00		12,650.00
34	Maharashtra Control Panel Pvt. Ltd.			12,050.00	12,050.00	-
35	Maverick Technologies	208,900.00			208,900.00	-
36	Modern Interio (SD)	-	80,000.00		80,000.00	-
37	Mutsuddi Machinery & Spares, Guwahati			13,640.00		13,640.00
38	Mysore Embedded Technology Institute (METI)			8,360.00	8,360.00	-
39	N R Chakhesang, Dimapur			220,800.00	48,500.00	172,300.00
40	Nagaland Decorative House			45,000.00	45,000.00	-
41	Nagaland General Stores, Kohima			87,890.00	19,100.00	68,790.00
42	Nagaland Hume Pipe Industries			36,000.00	36,000.00	-
43	Nandlal Mangilal Jain (EMD)	-	59,400.00	265,070.00	185,900.00	138,570.00
44	Nandlal Mangilal Jain (SD)	-	96,900.00	150,980.00	102,000.00	145,880.00
45	National Co-operative Consumers' Federation of India Ltd.			300,000.00	300,000.00	-
46	National Industrial Corporation, Kolkata	20,000.00	-			20,000.00
47	Netcom Solutions			200,000.00		200,000.00
48	Netcon Technologies India Pvt. Ltd., Coimbatore			216,000.00	200,000.00	16,000.00
49	North East Enterprise, Guwahati	2,600.00	-			2,600.00
50	Novateur Electrical & Digital Systems Pvt. Ltd., Chennai	-	9,500.00	40,000.00		49,500.00
51	Omega Instruments Pvt. Ltd., Kolkata	12,000.00	-			12,000.00
52	Origin ITFS Pvt. Ltd., Chennai			5,100.00		5,100.00

Annexure-I : DETAILS OF EMD & SECURITY DEPOSIT FOR FY 2013-14 (contd.)

Sl. No.	Name of the Firm / Company	FY 2011-12	FY 2012-13	FY 2013-14	Released in FY 13-14	Balance as on 31/03/2014
53	Pacer Power Solutions Pvt. Ltd., Chennai			45,000.00		45,000.00
54	Power Guard System			5,000.00		5,000.00
55	Pracsol Technologies, Kolkata	-	30,314.00	35,100.00		65,414.00
56	Professional Systems, Chennai			8,920.00	8,920.00	-
57	QMAX Systems			5,200.00		5,200.00
58	Quantum Infotech			9,360.00	9,360.00	-
59	Ridhi Sidhi Enterprise, Guwahati			50,000.00	50,000.00	-
60	Rockwell Automatio India Pvt. Ltd.	-	300,000.00			300,000.00
61	Shan Enterprises	-	110,000.00		110,000.00	-
62	Solarland Renewable Energy (India) Pvt. Ltd., Chennai			13,531.00		13,531.00
63	SPG Infotech Ltd., Bangalore	-	31,658.00	51,880.00		83,538.00
64	Sun Infotech, Bangalore	-	33,348.00	35,090.00		68,438.00
65	Sushama Electronics, Kolkata	176,000.00	112,000.00			288,000.00
66	Techniche Consulting Services			200,000.00	200,000.00	-
67	Technosys, Jaipur			53,840.00		53,840.00
68	Testing Instruments Manufacturing Co. Pvt. Ltd., Kolkata	30,000.00	-			30,000.00
69	Toshniwal Brothers (SR) Pvt. Ltd.			9,340.00		9,340.00
70	Traitsys Technology Pvt. Ltd.			5,500.00		5,500.00
71	Treisten Tech	-	3,062.00			3,062.00
72	Trin Trin Services, Dimapur	-	5,000.00			5,000.00
73	U K Enterprise			12,312.00		12,312.00
74	Usha Instruments & Chemicals, Kolkata	20,000.00	-			20,000.00
75	Vishal Vyapar Vikash, Guwahati	80,000.00	-	300,000.00		380,000.00
76	Voice Commune, Dimapur			56,000.00	56,000.00	-
TOTAL of EMD in Hand		707,741.00	1,456,502.00	4,502,711.00	3,434,710.00	3,232,244.00

Note: EMD stands for Earnest Money Deposit & SD for Security Deposit

Separate Audit Report of the Comptroller & Auditor General of India on the accounts of the National Institute of Technology, Chumukedima, Nagaland for the year ended 31 March, 2014.

We have audited the attached Balance Sheet of National Institute of Technology, Nagaland as on 31 March 2014, Income & Expenditure Account for the year ended on the date under Section 19 (2) of the Comptroller & Auditor General's (Duties, Power & Condition of Service) Act, 1971 read with Section 22 of the National Institute of Technology Act, 2007. These financial statements are the responsibility of the management of the Institute. Our responsibility is to express an opinion on these financial statements based on our audits.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification. Conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observation on financial transactions with regard to compliance with the law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through inspection Reports/CAG's Audit Report separately.

We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from the material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

3. Based on our audit, we report that:

- a. we have obtained all information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- b. The balance Sheet and Income & Expenditure Account dealt with by this report have not been drawn up in the format approved by the Ministry of Human Resources Development, Government of India vide order No. 29-4/2012-FD dated 17 April 2015.
- c. In our opinion, proper books of accounts and other relevant records have been maintained by the NIT, as required under Section 22 of the Act, 2007 in so far as it appears from our examination of such books:
- d. We further report:

A. BALANCE SHEET

1. Properties & Assets

Fixed Assets (Sch:3): ₹63.05 crore

The above is overstated by ₹2.48 crore due to capitalisation of ₹3.55 crore being the cost of Campus Networking Components (Sl. No. 94) and charging the depreciation @ 50% of 60% amounting to ₹1.07 crore despite the fact that the components were not commissioned during the year.

The above has also resulted in overstatement of depreciation with corresponding overstatement of deficit for the year to the extent of ₹1.07 crore.

2. Current Liabilities & Unspent Balances

A. Current Liabilities (Schedule-2): ₹297.85 lakh

The above does not include ₹9.89 lakh being the amount claimed by Lotus Sales Enterprise towards 60% of the total amount on 80% completion of the construction of RCC Structure for water tank. Vide the Bill dated 29-3-2014 and paid on 2-4-2014. The above has also resulted in understatement of Capital work-in-progress to the equal extent.

B. Income & Expenditure Account**1. Expenses (Sch:8): ₹662.37 lakh**

The above is overstated by ₹25.70 lakh due to non-capitalisation of the incidental charges (Freight: ₹1.98 lakh, Duties & Taxes: ₹21.22 lakh and installation Charges: ₹2.50 lakh) spent on acquisition of Fixed Assets as detailed in the statement enclosed at Annexure-1.

The above also resulted in understatement of Fixed Assets (Net Block) and overstatement of Deficit by ₹18.29 lakh (₹25.70 lakh – ₹7.41 lakh) as well as understatement of Depreciation for the year by ₹7.41 lakh.

2. Expenses (Sch: 8): ₹662.37 lakh

Electricity Bill (Campus) (Sch: 8): ₹7.88 lakh

The above is understated by ₹1.50 due to non-provisioning for the proportionate Electricity charges for the month of February 2014 and March 2014 which was paid on 12.02.2015. It has also resulted in understatement of Current liabilities as well as the deficit for the year to the equal extent.

C. General

- i. As per Significant accounting policy No.2- Revenue Recognition- Tuition fees is accounted for on accrual basis. However, the same has not been adopted and tuition fees is accounted for on cash basis which is in contravention of Format of Accounts.
- ii. Fixed Assets in the Balance Sheet reveals only the Net Block without revealing the Gross Block and Accumulated Depreciation thereon.
- iii. Land & Building (Sl. No. 4) in the Fixed Assets schedule has been disclosed by clubbing together instead of disclosing separately under the heads. "Freehold land", "Leasehold Land" and "Building".
- iv. Other Income of ₹11.15 crore includes ₹10.46 crore being the "Grants received from Central Govt. for General Activities". In terms of materiality, it should have been disclosed separately.
- v. Inventory Accounts has not been maintained to record the stock position of Laboratory chemicals, printed cartridge, scrap materials etc.
- vi. Ledger has not been maintained for different heads like Fixed Assets, Grants in Aid, Staff Advances, different expenses and incomes.

C. Grants-in-Aid

Grants-in-Aid balance for previous year was ₹6.03 crore. Grants-in-Aid received during the year was ₹73.50 crore aggregated to ₹79.53 crore. The institute could utilize ₹69.68 crore only leaving a balance of ₹9.85 crore as unutilized Grants as on 31st March 2014.

Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income & Expenditure account dealt with by this report are in agreement with the books of accounts.

4. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with Accounting Policies and Notes on accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give true and fair view in conformity with accounting principles generally accepted in India:
 - a. In so far as it relates to the balance Sheet, of the state of affairs of National Institute of Technology, Nagaland as at 31st March 2014; and
 - b. In so far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.



Account General (Audit)

Annexure to Audit Report

1. **Adequacy of Internal Audit System:** There is no internal audit system.
2. **Adequacy of Internal Control System:** The internal control mechanism is not adequate, due to lack of internal audit system, non-maintenance of Fixed Asset register and no physical verification of Fixed Assets/Inventories was conducted.
3. **Regularity in Payment of statutory dues:** It is found that statutory dues are regularly deposited.
4. **System of verification of Fixed Assets:** The Institute does not maintain Fixed Asset Register and no physical verification of fixed assets was conducted since inception. In absence of fixed asset register the correctness of the value of assets as shown in accounts could not be verified.
5. **System of Verification of Inventories:** Physical verification of inventories was not conducted during 2013-14.



Dy. Accountant General (Audit)

Annexure – I : STATEMENT SHOWING THE UNCAPITALISED INCIDENTAL CHARGES

Date	Inv. No.	Assets	Freight	Duties & Taxes	Installation Chgs	Total	Deprn. %	Deprn. Amount
28.12.13	563	Furniture & Fixture	1500	500		2000	5	100
30.12.13	569	Furniture & Fixture	10800			10800	5	540
26.04.13	46	Furniture & Fixture	15000			15000	10	1500
03.05.13	59	Furniture & Fixture	1000			1000	10	100
24.05.13	100	Furniture & Fixture	8000			8000	10	800
22.08.13	296	Furniture & Fixture	25000			25000	10	2500
26.09.13	382	Furniture & Fixture	5000			5000	10	500
12.12.13	542	Air Conditioner			36300	36300	7.5	2723
16.01.14	610	Furniture & Fixture	8000			8000	5	400
23.01.14	615	Air Conditioner			26400	26400	7.5	1980
28.03.14	750	Campus Networking		1773745		1773745	30	532124
01.08.13	240	Server		35686		35686	60	21412
01.08.13	241	Server		10756	86744	97500	60	58500
11.11.13	477	Server		35686		35686	30	10706
12.11.13	481	Server		10756	86744	97500	30	29250
29.08.13	317	UPS		92500		92500	60	55500
13.01.14	609	Servo Stabiliser	51000	51933		102933	7.5	7720
27.11.13	516	Elect. Fitting	62413	8000		70413	7.5	5281
08.03.14	715	Elect. Fitting		11919		11919	7.5	894
08.03.14	716	Elect. Fitting	10000	55036		65036	7.5	4878
08.03.14	717	Elect. Fitting		1648	13350	14998	7.5	1125
08.03.14	718	Elect. Fitting		34223		34223	7.5	2567
Total			197713	2122388	249538	2569639		741098



National Institute of Technology Nagaland

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(under the Ministry of Human Resource Development, Government of India)

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