

वार्षिक रिपोर्ट २०१३-१४  
ANNUAL REPORT 2013-14



राष्ट्रीय प्रौद्योगिकी संस्थान गोवा  
NATIONAL INSTITUTE OF TECHNOLOGY GOA





# **ANNUAL REPORT & ANNUAL ACCOUNTS 2013-2014**



**NATIONAL INSTITUTE OF  
TECHNOLOGY GOA - 403 401**



**NATIONAL INSTITUTE OF TECHNOLOGY GOA**

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# NATIONAL INSTITUTE OF TECHNOLOGY, GOA

## BRIEF PROFILE OF THE INSTITUTE

National Institute of Technology Goa (NITGoa) is a premier technical Institute of the region. NITGoa was established in the year 2010 by an act of parliament (NIT act 2007) and it is declared as '**Institute of National Importance**'. NITGoa is an autonomous institute and functioning under the aegis of Ministry of Human Resource Development(MHRD), Govt. of India. The campus is located at Farmagudi, Ponda approximately 29 km southeast of Panaji, the capital of Goa and it is a temporary campus. The state of Goa is well connected by roads, railways and by air with various parts of the country.

NIT Goa started functioning in 2010 with three Engineering Departments: (1) Computer Science and Engineering (2) Electronics and Communication Engineering and (3) Electrical and Electronics Engineering at undergraduate level. NITGoa attracts students from all over the country and abroad. The Institute admits students to B.Tech degree program on the basis of ranks obtained in the All India Engineering Entrance Exam (AIEEE) with an intake of 30 students in each branch and the scheme of Direct Admission of Students Abroad (DASA). Fifty percent of the seats are reserved for the students of Goa, Diu Daman, Dadra Nagar Haveli&Lakshadweep and the remaining seats are based on the all India rank. The institute is sincerely attempting to deliver quality education and to achieve excellence in teaching, learning and research with high professional ethics.





## 1.0 INTRODUCTION

### 1.1 Vision

National Institute of Technology Goa shall emerge as one of the nation's preeminent institutions. Through its excellence, it shall serve the Goan society and the global society at large with all its challenges and opportunities.

### 1.2 Mission

- NIT Goa strives for quality faculty, good students and excellent infrastructure.
- Strives for excellence, through dissemination, generation and application of knowledge laying stress on interdisciplinary approach in all the branches of Science, Engineering, Technology, Humanities and Management with an emphasis on human values and ethics.

### 1.3 Education

#### ACADEMIC CALENDAR

The normal duration of the course leading to B.Tech degree is of eight Semesters.

- Each academic year is divided into 2 semesters, each of 20 weeks duration, including evaluation and grade finalization, etc. The semester that is typically from July to mid of December is called the Odd Semester, and the one that is from January to mid of May is called the Even Semester. The academic session in each semester provides for at least 70 Teaching Days, with at least 40 hours of contact hours in a five-day session per week.
- The schedule of academic activities for a semester, including the dates of registration, mid-semster examination, end-semster examination, inter-semster vacation and so on is prepared by the Academic Co-ordinator and is announced two weeks prior to the closing date of the previous semester.



## REGISTRATION

- Every student, after consulting his Faculty-Advisor, is required to register for the approved courses with the Departmental under Graduate Committee (DUGC) of parent department at the commencement of each semester on the days fixed for such registration and notified in the academic calendar.
- A full time student of a particular degree programme shall register for the appropriate number of course credits in each semester/session that is within the minimum and maximum limits specific to that degree programme as stipulated in the specific regulations pertaining to that degree programme.
- In order to facilitate proper planning of the academic activities of a semester, it is essential for the students to declare their intent to register for an elective course well in advance, before the actual beginning of the academic session, through the process of pre-registration, which is mandatory for all the students of second or higher semesters.
- All Under Graduate students (other than the freshly admitted students) intending to register for the next higher semester are required to have completed the Mandatory Pre-Registration of elective courses, at least TWO weeks before the Last Day of Classes in the current semester. To facilitate this Pre-registration all teaching departments shall announce the list of courses to be offered for the next higher semester, at least FOUR weeks before the Last Day of Classes in the current semester.



## 2.0 AN OVERVIEW

### 2.1 Background

NITGOA is one of the ten newly set up NITs during the 11th Five Year Plan by the Ministry of Human Resources Development (MHRD). The institute was to be set up using Rs 250 crore provided by central government. The first batch of students was admitted in 2010 and academic activities of NIT Goa started in the academic year 2010-11.

### 2.2 Location

The campus is located at Farmagudi, Ponda approximately 29 km southeast of Panaji, the capital of Goa and 19 km from Madgaon Railway Station. The Bondla Wildlife Sanctuary is at a distance of 20 km from the Campus in the north-east of Goa. The sanctuary is spread over an area of 8 sq km and is covered with trees such as kindall, Terninalia Crenulata, Lagerstroemia, Rosewood, Mimusops, and Jamba. The place has also some bamboo plantations.

### 2.3 Campus

The institute was functioning in the premises of Goa Engineering College till December 2012. The campus was shifted to the renovated building of Industrial Training Institute (ITI) in the same premises. The renovation of the building was carried out by NIT Goa. In the new building accommodates five class rooms, four laboratories and an administrative office. Four class rooms and a few laboratories (viz., Workshop, Physics, and Chemistry) and the library are in the premises of the Goa Engineering College.



## 2.4 Administration

The overall head of the institute is the Director with full financial and administrative authority.

The Senate, Scrutiny Committee and other Committees of the institute assist the Director.

The Board of Governors constituted by the Government of India is the highest body that approves and permits all major decisions of the institute.

The Finance Committee and the Building works committee look after the finance and construction activities of the Institute.

## 2.5 Academic Programmes

The institute is currently offering only B. Tech program in the following streams:

- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Computer Science and Engineering

## 2.6 Courses Offered Undergraduate Courses (B. Tech) :

Branch	Current Year In take	Year Started in
Electrical and Electronics Engineering	26	2013-14
Electronics and Communication Engineering	28	2013-14
Computer Science and Engineering	23	2013-14



## 2.7 Admission Procedure

Admission to B.Tech programme takes place in the odd semester of an academic year based on the relative performance in Joint Entrance Examination (JEE) (main) as per guidelines issued by the MHRD, New Delhi from time to time.

The number of seats in each branch of the B. Tech. programme is decided by the Senate of the Institute following the instructions from MHRD, Government of India. Reservation of seats to different states, castes, tribes and other categories shall be as per the directives from MHRD, Government of India. Some seats are allotted by MHRD under Direct Admission Student Abroad (DASA) category offered to Foreign Nationals and Indians living abroad in accordance with the rules applicable for such admissions issued from time to time by MHRD, New Delhi.

At the time of admission the candidates should have passed/appeared for the 10+2 examination or its equivalent with Mathematics, Physics and Chemistry as main subjects of study.

Candidates have to fulfil the medical standards required for admission as set out in the information brochure of JEE-Main/or by the Central Seat Allocation Board (CSAB).

The selected candidates will be admitted to the B. Tech. programme after he/she fulfils all the admission requirements set by CSAB/Institute after payment of the prescribed fees.

In all matters relating to admission to the B. Tech. programme, the decision of the CSAB and its interpretation given by the Chairman of the Senate shall be final.

If at any time after admission, it is found that a candidate has not fulfilled any of the requirements set by CSAB/Institute, the Academic Affairs Committee (AAC) may revoke the admission of the candidate and report the matter to the Senate.



## 2.8 STUDENTS

### Number of Candidates admitted into first year B.Tech during 2013-14

Sr.No.	Branch	Boys	Girls	Total
01.	EEE	22	06	28
02.	ECE	21	08	29
03.	CSE	20	06	26
	<b>Total</b>	<b>63</b>	<b>20</b>	<b>83</b>

- **Students admitted under DASA Scheme**

Three students were admitted into first year B.Tech Courses during 2013-14.

## 2.9 Examination & Evaluation

There is a Mid-Term Examination of 1hr 30 mins duration on each lecture based or lecture cum practical course. There is also an End-Term examination of 3 hrs duration on each lecture based or lecture cum practical course.

### Make up examination

Students, who miss the mid-term or the end-term examinations for valid reasons are eligible for a make-up examination. The defaulters should apply to the Head of the concerned department (in the case of third and higher semesters) or to the HoD, HS(in the case of first/second semester) through the faculty advisor within five days after the missed exam, giving the reasons for absence. Applications received after this period will not be entertained. All make-up exams for Mid-Term Exam should be completed with evaluation within 10 days prior to the End-Term Exam. All the make-up exams for End-Term test should be completed with evaluation before the commencement of the next semester. Permission to appear for make-up exam will be given under exceptional circumstances such as admission to a hospital due to illness. Students residing in the Hostels should produce a Medical Certificate issued by a Medical officer of the Institute certifying that he/she was admitted to hospital



during the period of exam. The application should be routed through and approved of by Chief Warden. Students residing outside the campus must produce a medical certificate from a Registered Medical practitioner and the same should be duly endorsed by parent/guardian and also by a medical officer of the institute, within 5 days. A student who misses the make-up exam will not normally be given another make-up exam. However, in exceptional cases of prolonged illness resulting in the student missing the make-up exam, the Chairman of the Senate may permit the student to appear for a second make-up exam.

### **Grading**

The faculty will return graded assignments, tutorials, term papers, etc, within two weeks after the respective test/examination. Only the final grades (after approval by DCC) and the attendance of all the students should also be communicated by the teachers of the courses. Students may seek clarification regarding grades etc., from the concerned Course instructor, if required. The DCC will be convened within ten days after the last day of the end-term examination. The letter grades to be awarded to the students for different subjects will be finalized at the meeting based on the relative performance, each student is awarded a final letter grade in each course. The letter grades and the grade points are as follows:

<b>Grade</b>	<b>Grade points</b>
S	10
A	9
B	8
C	7
D	6
P	5
F	0 (Failure)
W	0 (Failure due to insufficient attendance)
I	0 (Actual grade to be awarded later)



A student is considered to have credited a course or earned credits in respect of a course if he/she secures a grade other than F, W or I for that course.

An 'F' grade is treated as equivalent to 'W' for purpose of CGPA calculation, and the following criteria in addition to poor attendance (less than 80%) may be considered for the award of 'F' grade: (i) badly incomplete in-semester record (due to non-medical reasons), (ii) misconduct or use of unfair means in the examination, assignments etc., of a nature serious enough to invite disciplinary action in the opinion of the Faculty advisor or a teacher of course. In such cases, award of the F grade may be referred to the DC for further action depending on the seriousness of the offence.

### **Grade Point Averages**

The academic performance of a student in a semester is indicated by the Semester Grade Point Average (SGPA).

$$\text{SGPA} = \frac{\sum (C \times GP)}{\sum C}$$

Where, the summation is taken over all the courses registered for by the student in the semester, except for Pass/Fail courses. The performance of a student in all semesters (including summer term) is indicated by the earned credits and the Cumulative Grade Point Average (CGPA).

$$\text{CGPA} = \frac{\sum (C \times GP)}{\sum C}$$

(SGPA and CGPA should be corrected up to two decimal places)



## 3.0 STAFF

### 3.1 Academic Staff

#### Department of Electronics and Communication Engineering

Sr.No	Name	Designation
1	Dr.Lalit Kumar Jiwani	Associate Professor (HoD)
2	Mr.Vasantha M.	Assistant Professor
3	Dr.Veerakumar T	Assistant Professor
4	AnirbanChatterjee	Assistant Professor
5	Nithin Kumar Y. B	Assistant Professor
6	Dheeraj Sharma	Assistant Professor
7	Ms.Varada Raghvendra Potnis	Faculty on Contract
8	Mr.Rangababu Peesapati	Faculty on Contract

#### Department of Computer Science and Engineering

Sr.No	Name	Designation
1	Dr. Jay Bhatnagar	Associate Professor (HoD)
2	Dr.Damodar Reddy Edla	Assistant Professor
3	Ms.VeenaThenkanidiyoor	Assistant Professor
4	Mr.Purushothama B.R.	Assistant Professor
5	Dr.PravinPawar	Faculty on Contract
6	Ms.KhalidaAfroz	Faculty on Contract



## Department of Electrical and Electronics Engineering

Sr.No	Name	Designation
1	Dr. Venugopal Reddy	Associate Professor (HoD)
2	Dr. Suresh Mikkili	Assistant Professor
3	Dr. Amitesh Kumar	Assistant Professor
4	Raj Kumar Biswas	Assistant Professor
5	Mr. Matam Manjunath	Faculty on Contract
6	Ms. Jayanthi Prattipati	Faculty on Contract
7	Ms. Anudevi Samuel	Faculty on Contract

## Department of Humanities and Sciences

Sr.No	Name	Designation
1	Dr.Saidi Reddy Parne	Associate Professor (HoD)
2	Dr.Ajaya Kumar Panda	Assistant Professor
3	Dr.VelavanKathirvelu	Assistant Professor
4	Dr.Sarani Ghosal Mondal	Assistant Professor
5	Dr.Ragoju Ravi	Assistant Professor
6	Dr.Ravi Prasad K. J	Assistant Professor
7	Partha Sarathi Mandal	Assistant Professor

### 3.2 Non- Academic Staff

Sr.No	Name	Designation
1	Mr. Amit Kabiraj	Assistant Registrar
2	Mr. Venkata Raman Grandhi	Technical Assistant
3	Dr. Prasanth P.	Sports Officer



4	Mr. Sudharsan S	Technical Assistant
5	Mr. Digambar Ramchandra Dhengole	Technician
6	Mr. Sampad Patra	Assistant Registrar (Accounts)
7	Mr. Munesh Kumar	Assistant Librarian
8	Ms. Sweta Suresh Jadhav	Junior Assistant
9	Mr. Rameez Rahman Kadavath	Technical Assistant
10	Ms. Namrata A. G.	Junior Assistant
11	Ms. Merin T Thomas	Staff Nurse
12	Mr. K. Raj Kumar	Multi-Tasking
13	Mr. Arjun Singh	Multi-Tasking
14	Mr. Manjunath S Koparde	Technician
15	Mr. Dinesh Kathaiyan	Technical Assistant
16	Dr. Mamata S. Borkar	Medical Officer (Contract)
17	Mr. B. V. Raghu	Daily Wages
18	Ms. AsmitaNaik	Daily Wages
19	Ms. Rupa Kamat	Daily Wages
20	Ms. Jyoti Raikar	Daily Wages
21	Mr. Pritam Nageshkar	Daily Wages
22	Ms. Deepti	Daily Wages
23	Mr. Nitin D. G.	Daily Wages
24	Ms. Surat S. Gaude	Daily Wages
25	Ms. Jayashree N. G.	Daily Wages
26	Ms. Tina C.	Daily Wages



## 4.0 ACADEMIC PROGRAMMES

### 4.1 Courses offered

The institute offers the following Undergraduate Courses (B. Tech):

Branch	Current Year In take	Year Started in
Electrical and Electronics Engineering	26	2013-14
Electronics and Communication Engineering	28	2013-14
Computer Science and Engineering	23	2013-14

### 4.2 Course-wise enrolment Undergraduate Courses (B. Tech)

	Total No. of Students	Out of total no. of Students shown in (2) & (3)																
		SC			ST			OBC			General			Others				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B (Boys) G (Girls)	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
2013-2014	63	20	83	13	00	13	2	1	3	17	5	22	31	14	45	-	-	-

\*B-Boys, G-Girls, T-Total

### 4.3 Total number of Students in 2013-14

Under Graduate Students: **380**



## 5.0 ADMINISTRATIVE AND STATUTORY BODIES AND OTHER COMMITTEES

The Board of Governors of National Institute of Technology Goa was constituted as per NIT Act, 2007 and NIT (Amendment) Act, 2012, by MHRD, New Delhi vide letter no. F.No.23-2/2012-TS.III. dated 13th August 2012.

### 5.1 Board of Governors

Dr. V. K. Aatre	: Chairman
Former Scientific Advisor at Raksha Mantri Bangalore	
Prof. (Dr.) G.R.C. Reddy	: Ex-Officio Member
Director, National Institute of Technology Goa	
Smt. Amita Sharma	: Member
Addl. Secretary Department of Higher Education MHRD, New Delhi – 110 001	
Shri. Yogendra Tripathi	: Member
JS & FA, Department of Higher Education MHRD, New Delhi – 110 001	
Dr. Lillykutty Jacob	: Member
Department of Electronics and Communication Engineering National Institute of Technology Calicut, Kerala	
Dr. Devrang Khakhar	: Member
Director, IIT Bombay	
Dr. Kota Harinarayana, former Vice-Chancellor University of Hyderabad	: Member



Dr. Renee M. Borges : Member  
Professor, IISc Bangalore

Dr. M. D. Anaul Kabir : Member  
School of Bio-Technology,  
National Institute of Technology Calicut, Kerala

Shri Anil Kher : Member  
MD, Micro InterconnexionPvt. Ltd,  
D-3, 12-A, Corlim Industrial Estate, Goa

Shri J. M. Noronha : Member  
CEO, Centre of Innovation and Business Acceleration,  
Angel Technical Education Complex, Goa

Mr.AmitKabiraj : Secretary  
Assistant Registrar, NIT Goa  
[In place of Registrar]

## 5.2 Finance Committee

Dr. V. K. Aatre : Chairman  
Former Scientific Advisor at Raksha Mantri  
Bangalore

Prof. (Dr.) G.R.C. Reddy : Ex-Officio Member  
Director, National Institute of Technology Goa

Smt. Amita Sharma : Member  
Addl. Secretary  
Department of Higher Education  
MHRD, New Delhi – 110 001

Shri. Yogendra Tripathi : Member  
JS & FA,  
Department of Higher Education  
MHRD, New Delhi – 110 001



Dr. Lillykutty Jacob : Member  
Department of Electronics and Communication Engineering  
National Institute of Technology Calicut, Kerala

Dr. Kota Harinarayana, former Vice-Chancellor : Member  
University of Hyderabad

Mr. Amit Kabiraj : Secretary  
Assistant Registrar, NIT Goa  
[In place of Registrar]

### 5.3 Senate

Prof. (Dr.) G.R.C. Reddy : Chairman  
Director, National Institute of Technology Goa

Dr.Lalit K. Jiwani, Associate Professor, NIT Goa : Member  
[HoD, ECE]

Dr.VenuGopal Reddy, Assistant Professor, NIT Goa : Member  
[HoD, EEE]

Dr.Damodar Reddy Edla, Assistant Professor, NIT Goa : Member  
[HoD, CSE]

Dr.P. Saidi Reddy, Assistant Professor, NIT Goa : Member  
[HoD, HSS]

Professors from other eminent Institutes : Member  
[Special Invitees]

Mr.AmitKabiraj : Member Secretary  
Assistant Registrar, NIT Goa  
[In place of Registrar]



#### 5.4 Building and Works Committee

Prof. G.R.C Reddy Director, National Institute of Technology Goa	: Chairman (ex-officio)
Shri. Arun Kumar Under Secretary, Technical Education, MHRD [Special Invitee]	: Member
Shri. Brijendra Kumar Kashyap Section Officer, Finance Division, MHRD [Special Invitee]	: Member
Mr. Pradeep Garg Superintendent Engineer (Civil), CPWD, Goa	: Member
Mr. Rishi Pal Saini Assistant Engineer (Electrical), CPWD, Goa	: Member
Mr. AmitKabiraj Assistant Registrar, NIT Goa [In place of Registrar]	: Member-Secretary



## 6.0 CONCESSIONS FOR SCs, STs and HANDICAPPED STUDENTS

### 6.1 Concessions provided for students:

- SC, ST and Physically Handicapped students in the institute are helped in many ways.
- There is reservation for admission for the UG courses as per the norms of the government of India.(15% for SC, 7.5% for ST and 2 ½ % for Handicapped, 27%for OBC)
- Scholarships are given to the SC/ST Students(Vide section 4.6)

### 6.2 Concessions provided for staff

- There is reservation for the SC and ST Candidates for appointment and promotion as per the Govt. Norms.(15% for SC and 7.5% for ST and 27% for OBC)



## 7.0 PUBLICATIONS, SEMINARS, WORKSHOPS AND STUDENT CHAPTERS

Several workshops had been conducted, student chapters were started and the faculty members engaged themselves actively in the research works.

### 7.1 Publications accepted/published:

No.	Publication details	Faculty member	Department
1	Journal paper: A New Clustering Algorithm Based on Voronoi Diagram, International Journal of Data Mining, Modeling and Management, Inderscience Publishers, Vol. 6, No. 1, 2014.	Dr. Damodar Reddy	CSE
2	Book: Clustering Biological Data, Published by Lambert Academic Publishers, Germany, September 2013.		
3	Book chapter: KD-Tree Based Clustering for Gene Expression Data, Encyclopedia of Business Analytics and Optimization, Published by IGI Global Publishers, February 2014.		
4	Conference paper: Efficient Non-Tree Based Secure Group Key Management Scheme, International Scientific Academy of Engineering & Technology, 2014 (Accepted).	Dr. Purushothama B. R.	
5	Online journal paper: On the Security of Group-based Proxy Re-encryption Scheme, Cryptology ePrint Archive: Report 2013/456, 2013.		



6	<p>“Types-1 and -2 fuzzy logic controllers-based shunt active filter Id-Iq control strategy with different fuzzy membership functions for power quality improvement using RTDS hardware,” IET Power Electronics, Vol. 6, Issue 4, pp. 818-833, April 2013. - (SCI - Journal)</p>		
7	<p>“FLC based shunt active filter (p-q and Id-Iq) control strategies for mitigation of harmonics with different fuzzy MFs using MATLAB and real-time digital simulator,” International Journal of Electrical Power and Energy Systems – Elsevier, vol. 47, pp. 313-336, May, 2013.- (SCI - Journal)</p>		
8	<p>“Review of RT-LAB and Steps Involved for Implementation of a Simulink Model from MATLAB to REAL-TIME”, doi 10.1515/ijeeps-2012-0031, International Journal of Emerging Electric Power Systems: be press (Berkeley Electronics press), Volume 14, Issue 6, pp. 641-658, Nov 2013.</p>	Dr. Suresh Mikkili	EEE
9	<p>“Performance analysis and real-time implementation of shunt active filter current control strategy with type-1 and type-2 FLC triangular M.F,” International Transactions on Electrical Energy Systems - John Wiley &amp; Sons Volume 24, Issue 3, pages 347–362, March 2014 - (SCI -Journal)</p>		



10	"Real-time implementation of Type-2 FLC based Shunt active filter control strategies (p-q and Id-Iq) with different fuzzy MFs for Power Quality improvement", International Journal of Emerging Electric Power Systems: be press (Berkeley Electronics press), 2014 (Accepted).	Dr. Suresh Mikkili	EEE
11	"Synthesis of thinned concentric ring array antenna in predefined phi-planes using binary firefly and binary particle swarm optimization algorithm," International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, Wiley, Article first published online: 20 MAR 2014.	Dr. Anirban Chatterjee	ECE
12	"Design of digitally controlled multiple-pattern time-modulated antenna arrays with phase-only difference," Annals of telecommunications -annales des t'el'e communications, Springer, Article first published online: 12 Mar 2014.		
13	"Application of Gibbs Markov Random Field and Hopfield-Type Neural Networks for Detecting Moving Objects from Video Sequences Captured by Static Camera, Soft Computing, (accepted)	Mr. Badri Narayan Subudhi	
14	"Simultaneous Measurement of temperature and pressure using fiber Bragg grating sensor for Oceanography", Proc. Of SPIE, Vol. 8724, Ocean Sensing and Monitoring V, 87240Z (June 3, 2013); doi:10.1117/12.2018998	Dr. P. Saidi Reddy	HS



15	"Measurement of High and Low currents using single Bragg grating for industrial applications" International Conference on Optics and Optoelectronics (ICOL 2014), Dehradun, 2014	Dr. P. Saidi Reddy	HS
16	Aurobindonian Echoes in Paulo Coelho's Eleven Minutes and By the River Piedra", The Discourse, Vol.2, Issue 3 & 4, Jul-Sept & Oct-Dec, 2013, ISSN: 2278-0920	Dr. Sarani Ghosal Mondal	HS

## 7.2 Paper Presented in Seminars:

1	Paper presented at National Seminar on Charles Dickens at Karim City College, Jamshedpur, WB (UGC Sponsored) "The Character of Pip: A Consciousness Approach". (3-4 April, 2013)	Dr. Sarani Ghosal Mondal	HS
2	Invited as a Resource Person at a seminar on "English Language in Technical Education: Transcending Boundaries", at GIMT, Kolkata, WB (14-15 Feb, 2014)		

## 7.3 Workshops Conducted/ Participated/ attended:

No.	Workshop details	Faculty member	Department
1	"Next Generation Internet Protocol: IPv6" was conducted at NIT GOA on 11th January 2014 jointly by NIT Goa and Department of Telecom, Ministry of Communication and Information Technology.	Dr. Lalit Kumar Jiwani	ECE



2	Workshop on "Industrial Automation - PLC and SCADA" organized at NIT Goa in association with Innovians Technologies and TESLA at NIT GOA in 13-14 APRIL 2013.	Dr. Suresh Mikkili	ECE
3	Roof top Solar policy Goa Energy Development Agency Govt. of Goa organized on 25/01/2014	Dr. Venugopal Reddy	EEE
4	Organized workshop on Marine Robotics at NIO, Goa between 28/01/2014 to 31/01/2014		
5	Kaplan Global Seminar on Career Pathway Planning and Opportunities for Higher Education, Organized at National Institute of Technology, Goa, 10 April 2013.	Dr. Damodar Reddy	CSE
6	Winter School on Speech and Audio Processing, International Institute of Information Technology, (IIIT) Hyderabad, India, 17-20 January, 2014. Theme: Deep learning for Multi-lingual Speech Processing.	Dr. Veena T.	
7	IEEE Authoriphip workshop, Indian Institute of Science Bangalore, 12 August 2014.	Dr. Purushothama B. R	CSE
8	Information Security and Cryptography Workshop, National Institute of Technology Karnataka Surathkal, 15-16 September 2014.		

#### 7.4 Student chapter Opened:

No.	Publication details	Faculty member
1	Computer Science and Engineering Association – CSEA, Department of Computer Science, NIT Goa, academic year 2013-2014.	Dr. Purushothama B. R.



# ANNUAL ACCOUNTS







**NIT GOA**

**NATIONAL INSTITUTE OF TECHNOLOGY GOA**  
**BALANCE SHEET AS AT MARCH 31, 2014**

	Schedule	Current Year	Previous Year (Amount - Rs.)
<b>CORPUS/CAPITAL FUND AND LIABILITIES</b>			
CORPUS/CAPITAL FUND	1	-32,714,162.71	47,378,988.18
RESERVES AND SURPLUS	2	-	3,112,252.00
EARMARKED/ENDOWMENT FUNDS	3	148,192,826.00	136,402,569.00
SECURED LOANS AND BORROWINGS	4		
UNSECURED LOANS AND BORROWINGS	5		
DEFERRED CREDIT LIABILITIES	6		
CURRENT LIABILITIES AND PROVISIONS	7	21,964,153.26	10,985,435.15
<b>TOTAL</b>		<b>137,442,816.55</b>	<b>197,879,244.33</b>
<b>ASSETS</b>			
FIXED ASSETS	8	21,627,622.77	11,067,907.63
INVESTMENTS - FROM EARMARKED / ENDOWMENT FUNDS	9		
INVESTMENTS - OTHERS	10		
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	115,815,193.78	186,811,336.70
MISCELLANEOUS EXPENDITURE( to the extent not written off or adjusted)			
<b>TOTAL</b>		<b>137,442,816.55</b>	<b>197,879,244.33</b>



## NATIONAL INSTITUTE OF TECHNOLOGY GOA BALANCE SHEET AS AT MARCH 31, 2014

SIGNIFICANT ACCOUNTING POLICIES - <b>Schedule 24</b>
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS - <b>Schedule 25</b>

For and on behalf of the Board  
In Terms of our Internal Audit report  
of the even date

For R.K.Pikale and Associates  
FRN: 127641W

Director

Archana Kenkare  
Partner  
Mem No. 47463

Place: Ponda-Goa  
Date: 21-04-2014



**NATIONAL INSTITUTE OF TECHNOLOGY GOA  
INCOME AND EXPENDITURE ACCOUNT  
FOR THE YEAR ENDED MARCH 31, 2014**

	Schedule	Current Year	Previous Year	(Amount - Rs.)
<b>INCOME</b>				
Income from Sales/Services	12	-	250.00	
Grants/Subsidies	13	-	45,000,000.00	
Fees/Subscriptions	14	18,558,551.00	13,317,361.00	
Income from Investments	15			
Income from Royalty, Publications etc.	16			
Interest earned	17	1,280,803.00	9,022,809.00	
Other Income	18	463,168.00	1,007,895.00	
Increase/(decrease) in stock of Finished Goods and work in progress	19			
<b>TOTAL (A)</b>		<b>20,302,522.00</b>	<b>68,348,315.00</b>	
<b>EXPENDITURE</b>				
Establishment Expenses	20	25,818,065.28	14,288,684.83	
Other Administrative Expenses	21	68,710,908.61	10,694,795.99	
Expenditure on Grants/Subsidies etc.	22			
Interest	23			
Depreciation (Net Total at the year end -corresponding to sch. 8) (or adjusted)		6,513,813.00	4,831,253.00	
<b>TOTAL (B)</b>		<b>101,042,786.89</b>	<b>29,814,733.82</b>	



# NATIONAL INSTITUTE OF TECHNOLOGY GOA INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED MARCH 31, 2014

Balance being excess of Expenditure over income (A-B)		-80,740,264.89	38,530,581.18
- Transfer to Capital Reserve (equal to depreciation)		6,513,813.00	4,834,253.00
- Transfer to/from General Reserve			
- Prior period expenses( Net of prior period income)		251,459.00	1,321,547.00
<b>BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND</b>		<b>-74,477,910.89</b>	<b>42,043,287.18</b>
SIGNIFICANT ACCOUNTING POLICIES	<b>24</b>		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	<b>25</b>		

In Terms of our Internal Audit report  
of the even date  
For R.K.Pikale and Associates  
FRN: 127641W

For and on behalf of the Board

Director

Archana Kenkare  
Partner  
Mem No. 47463

Place: Ponda-Goa  
Date: 21-04-2014



**NIT GOA**

## **SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31, 2014**

	Current Year	Previous Year (Amount - Rs.)
<b>SCHEDULES -1 - CORPUS/CAPITAL FUND:</b>		
<b>A. GRANTS FROM GOVT. OF INDIA -PLAN</b>		
Balance as at the beginning of the year		
Add: Received during the year		
Deduct: Capital Expenditure during the year	NIL	NIL
Add/Deduct: Net Income/Expenditure transferred from I&E Account		
<b>BALANCE AS AT THE YEAR END</b>	NIL	NIL
<b>B. INCOME &amp; EXPENDITURE ACCOUNT</b>		
<b>Balance as at the beginning of the year</b>	<b>47,378,988.18</b>	<b>5,335,701.00</b>
<b>Less: Transfer to Earmarked Fund-Capital</b>		
5,615,240.00		
41,763,748.18		
Add/Deduct: Net Income /Expenditure transferred from I&E Account		
-74,477,910.89	-32,714,162.71	42,043,287.18
<b>BALANCE AS AT THE YEAR END</b>	<b>-32,714,162.71</b>	<b>47,378,988.18</b>
<b>TOTAL OF SCHEDULE 1 - (A) + (B)</b>		
	<b>-32,714,162.71</b>	<b>47,378,988.18</b>



NIT GOA

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31, 2014

	(Amount - Rs.)	
	Current Year	Previous Year
<b>SCHEDULES -2 - RESERVES AND SURPLUS:</b>		
<b>A. CAPITAL RESERVE</b>		
As per last account		
Addition during the year		
Less: Deduction during the year -equal to the amount of depreciation charged transfer to I&E account	-	-
<b>TOTAL</b>	-	-
<b>B. REVALUATION RESERVE:</b>		
As per last account		
Addition during the year		
Less: Deduction during the year		
<b>TOTAL</b>		
<b>C. SPECIAL RESERVES:</b>		
<b>Hostel Dev. Fund</b>		
As per last account	127,600.00	127,600.00
Addition during the year		
Less: Transfer to Earmarked Funds	127,600.00	-
		127,600.00



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**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

Institute Dev Fund			
As per last account	2,984,652.00		1,502,000.00
Addition during the year			1,482,652.00
Less: Transfer to Earmarked Funds	2,984,652.00	-	2,984,652.00
<b>TOTAL</b>	-		<b>3,112,252.00</b>
<b>D. GENERAL RESERVE</b>			
As per last account			
Addition during the year			
Less: Deduction during the year			
<b>TOTAL</b>	-		<b>3,112,252.00</b>
<b>TOTAL OF SCHEDULE 2 (A+B+C+D)</b>	-		<b>3,112,252.00</b>



**NIT GOA**

## **SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014**

	FUND-WISE BREAK UP			TOTALS	
	Institute Devt Fund	Hostel Devt Fund	Earmarked Fund Capital	Current Year	Prev. Year
<b>SCHEDULES -3 - EARMARKED/ENDOWMENT FUNDS</b>					
a) Opening balance of the funds			125,334,661.37	125,334,661.37	79,564,440.00
Add: Tranfer from Earmarked Funds		127,600.00	5,615,240.00	8,727,492.00	
b) Additions to the funds				-	55,000,000.00
i) Donations/grants				-	
ii) Income from investments of funds			9,042,578.00	9,042,578.00	
iii) Other additions (Specify nature) (Collected from students)			534,000.00	534,000.00	
<b>TOTAL (a+b)</b>	<b>3,518,652.00</b>	<b>127,600.00</b>	<b>139,992,479.37</b>	<b>143,638,731.37</b>	<b>134,564,440.00</b>
c) Utilization /Expenditure towards objectives:				-	
i) Capital Expenditure				-	
- Fixed Assets			17,073,528.14	17,073,528.14	9,229,778.63
- Others				-	
- Total				-	



**NIT GOA**

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

iii) Revenue Expenditure					
- Salaries, wages and allowances etc					-
- Rent					-
- Other Administrative Expenses					-
- Total					-
<b>TOTAL ('c)</b>		-	17,073,528.14	17,073,528.14	9,229,778.63
<b>NET BALANCE AS AT THE YEAR END (a+b)-c</b>	<b>3,518,652.00</b>	<b>127,600.00</b>	<b>122,918,951.23</b>	<b>126,565,203.23</b>	<b>125,334,661.37</b>
DEFERRED INCOME				Current Year	
As per last account				11,067,907.63	Previous Year
Addition during the year				17,073,528.14	
Less: Deduction during the year equal to the amount of depreciation charged-transfer to I&E account		6,513,813.00		21,627,622.77	11,067,907.63
<b>TOTAL</b>			<b>148,192,826.00</b>	<b>136,402,569.00</b>	

**Notes:**

1. Disclosures shall be made under relevant heads based on conditions attaching to the grants.
2. Plan funds received from the Central/State Governments are to be shown as separate funds and not to be mixed up with any other funds.



NIT GOA

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

SCHEDULES -4 - SECURED LOANS AND BORROWINGS:		(Amount - Rs.)	
		Current Year	Previous Year
1.	Central Government		
2.	State Government(Specify)		
3.	Financial Institutions		
	(a) Term Loans		
	(b) Interest accrued and due		
4.	Banks	-	
	(a) Term Loans		
	- Interest accrued and due		
	(b) Other Loans (Specify)		
	- Interest accrued and due		
5.	Other Institutions and Agencies		
6.	Debentures and Bonds		
7.	Others (Specify)		
		<b>TOTAL</b>	

Note: Amount due within one year



NIT GOA

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

	Current Year	Previous Year (Amount - Rs.)
<b>SCHEDULES -5-UNSECURED LOANS AND BORROWINGS:</b>		
1. Central Government		
2. State Government(Specify)		
3. Financial Institutions		
(a) Term Loans		
(b) Interest accrued and due		
4. Banks	-	
(a) Term Loans		
- Interest accrued and due		
(b) Other Loans (Specify)		
- Interest accrued and due		
5. Other Institutions and Agencies		
6. Debentures and Bonds	<b>TOTAL</b>	
Note: Amount due within one year		
<b>SCHEDULE-6- DEFERRED CREDIT LIABILITIES</b>		
a ) Acceptances secured by hypothecation of capital equipment and other assets		
b ) Others		
<b>TOTAL</b>		
Note: Amount due within one year		



**NIT GOA**

**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

	Current Year	Previous Year (Amount - Rs.)
<b>SCHEDULES -7-CURRENT LIABILITIES AND PROVISIONS</b>		
<b>A. CURRENT LIABILITIES</b>		
1. Acceptances		
2. Sundry Creditors		
(a) For Goods (Sub Sch1)	8,930,051.25	
(b) Others - Bills payable - (Sun Schedule 2)	1,303,357.76	3,059,403.15
3. Advance Received (Deposits) (Sub schedule 3)	8,775,227.25	5,662,058.00
4. Interest accrued but not due on:		
(a) Secured Loans/Borrowings		
(b) Unsecured Loans/Borrowings		
5. Statutory Liabilities:		
(a) Overdue		
(b) Others	433,272.00	433,272.00
6. Other Current Liabilities -		
Gr.Insurance	-	169,998.00
Misc receipts to be reconciled	-	264,470.00
<b>TOTAL (A)</b>	<b>19,441,908.26</b>	<b>9,395,698.15</b>



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## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31, 2014

B. PROVISIONS	
<b>1. For Taxation</b>	
2. Gratuity	
3. Superannuation / Pension	
4. Accumulated Leave Encashment	
5. Trade Warranties/Claims	2,522,245.00
6. Others -(Sub schedule 4)	1,589,737.00
<b>TOTAL (B)</b>	<b>1,589,737.00</b>
<b>TOTAL (A+B)</b>	<b>21,964,153.26</b>
<b>TOTAL (A+B)</b>	<b>10,985,435.15</b>



## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

(Amount - Rs.)

SCHEDULES-8- FIXED ASSETS	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	Cost/valuation at the beginning of the year	Additions during the year	Deduction Cost/valuation during the year	As at the beginning of the year	Additions during the year	Deduction Total Up to date during the year end	As at the current year end	As at the previous year end
<b>A. FIXED ASSETS</b>								
<b>1. LAND</b>								
a) Freehold								
b) Leasehold								
<b>2. BUILDINGS</b>								
a) On Freehold Land								
b) On Leasehold Land								
c) Owner Flats								
d) Others, if any								
<b>3. PLANT, MACHINERY &amp; EQUIPMENT</b>	2,011,857.63	5,233,864.65	7,245,722.28	498,028.00	844,301.00	1,342,329.00	5,903,393.28	1,513,829.63
<b>4. VEHICLES</b>	-	-	-	-	-	-	-	-
<b>5. FURNITURE &amp; FIXTURES</b>	5,868,769.00	9,913,819.00	427,904.00	772,701.00	1,200,605.00	8,713,214.00	3,617,146.00	
<b>6. OFFICE EQUIPMENT</b>	1,329,045.00	987,856.05	2,316,901.00	310,354.00	233,869.00	544,223.00	1,722,678.05	1,018,591.00
<b>7. HOSTEL EQUIPMENTS</b>	334,318.00	118,842.00	453,160.00	74,247.00	56,837.00	131,084.00	322,076.00	260,071.00
<b>8. COMPUTER/PERIPHERALS</b>	9,014,535.00	3,872,153.00	12,886,688.00	5,182,990.00	3,758,979.00	8,941,969.00	3,944,719.00	3,831,545.00
<b>9. ELECTRIC INSTALLATIONS</b>	315,344.00	315,344.00	83,426.00	34,788.00	118,214.00	197,130.00	231,918.00	
<b>10. LIBRARY BOOKS</b>	1,615,189.00	992,043.44	2,607,232.44	1,020,482.00	812,338.00	1,832,320.00	774,412.44	594,707.00
<b>11. TUBE WELL/WATER SUPPLY</b>								
<b>12. OTHER FIXED ASSETS</b>								
TOTAL OF CURRENT YEAR	<b>18,665,338.63</b>	<b>17,073,528.14</b>	-	<b>35,738,865.77</b>	<b>7,597,421.00</b>	<b>6,513,813.00</b>	<b>-</b>	<b>14,114,244.00</b>
PREVIOUS YEAR	9,435,560.00	9,229,778.63	18,665,338.63	4,334,253.00	7,597,431.00	11,067,907.63	6,672,382.00	
<b>B. CAPITAL WORK-IN-PROGRESS</b>								
<b>TOTAL (A)+(B)</b>								<b>21,627,622.77</b>
(Note to be given as to cost of assets on hire purchase basis included above)								



NIT GOA

**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

		(Amount - Rs.)	
		Current Year	Previous Year
<b>SCHEDULE-9- INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS</b>			
1.	In Government Securities		
2.	Other approved securities		
3.	Shares		
4.	Debentures and Bonds		
5.	Subsidiaries and Joint Ventures		
6.	Others (to be specified)		
	TOTAL		
<b>SCHEDULE-10- INVESTMENT OTHERS</b>			
1.	In Government Securities		
2.	Other approved securities		
3.	Shares		
4.	Debentures and Bonds		
5.	Subsidiaries and Joint Ventures		
6.	Others (to be specified) - Fixed Deposit with scheduled Banks		
	TOTAL		



**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

		Current Year	Previous Year
(Amount - Rs.)			
<b>SCHEDULES -11- CURRENT ASSETS, LOANS ADVANCES ETC.</b>			
<b>A.1. Inventories</b>			
a) Stores and Spares			
b) Loose Tools			
c) Stock in trade			
Finished Goods			
Work in progress			
Raw Materials			
<b>2. Sundry Debtors:</b>			
a) Debts outstanding for above six months			
b) Others			
3. Cash balances in hand (including cheques/drafts)		99.00	
<b>4. Bank Balances:</b>			
a) With Scheduled Banks:			
On Current Accounts	318,997.00	318,997.00	
On Deposits Accounts(including margin money)	91,061,722.00	117,919,644.00	
On Savings Accounts	9,362,228.78	100,742,947.78	19,235,345.70
b) With Non - Scheduled Banks:			137,473,986.70
On Current Accounts			
On Deposits Accounts(including margin money)			
On Savings Accounts			
5. Post Office Savings Accounts			
	<b>TOTAL (A)</b>	<b>100,742,947.78</b>	<b>137,474,085.70</b>



## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

	Current Year	Previous Year	(Amount - Rs.)
<b>SCHEDULES -11- CURRENT ASSETS, LOANS/ADVANCES ETC.</b>			
<b>B. LOANS, ADVANCES AND OTHER ASSETS</b>			
1. Loans			
a) Staff			
b) Other Entities engaged in activities/Objectives similar to that of the Entity			
c) Others (Specify)			
2. Advances and other amounts receivable in cash or in kind or for value to be received:			
a) On Capital Account			
b) Prepayments			
c) Others (Sub schedule 5)	10,063,726.00	10,063,726.00	48,176,616.00
3. Income Accrued:			
a) On Investments from earmarked/endow. Funds	4,932,520.00		1,160,635.00
b) On Investments - others			
c) On Loans and Advances			
d) Others -Interest on FD			
(Includes Income due unrealised Rs.....)			
-Deposits(Sub Sch 6)	76,000.00	76,000.00	-
4. Claims Receivable			
TOTAL (B)	<b>15,072,246.00</b>		<b>49,337,251.00</b>
TOTAL (A)+(B)	<b>115,815,193.78</b>		<b>186,811,336.70</b>



**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

	Current Year	Previous Year
<b><u>SCHEDULES -12- INCOME FROM SALES AND SERVICES</u></b>		
1) Income from Sales		
a) Sale of Finished Goods		
b) Sale of Raw Material		
c) Sale of Tender Form	250.00	
2. Income from Services:		
a) Labour and Processing Charges		
b) Professional/Consultancy Services		
c) Agency Commission and Brokerage		
d) Maintenance Services (Equipment /Property)		
e) Others (Specify)	-	
TOTAL	250.00	
<b><u>SCHEDULE -13: GRANTS/SUBSIDIES( Irrevocable Grants and Subsidiaries received)</u></b>		
	Current Year	Previous Year
1) Central Government		45,000,000.00
2) State Government(s)		
3) Government Agencies		
4) Institutions /Welfare Bodies		
5) International Organizations		
6) Others (Specify)		
AIEE(NIT Goa)		
DASA		
TOTAL	-	45,000,000.00



NIT GOA

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

	Current Year	Previous Year
<b>SCHEDULES -14: FEES/SUBSCRIPTIONS</b>		
1. Entrance Fees(Ph D Application Fees)	25,900.00	-
2. Tuition Fees(UG Course)	15,909,651.00	11,177,427.00
3. Hostel Admission Fee	379,000.00	316,000.00
4. Rent from Hostel	1,137,000.00	934,934.00
5. Other Fees	1,107,000.00	889,000.00
<b>TOTAL</b>	<b>18,558,551.00</b>	<b>13,317,361.00</b>
Note: Accounting Policies towards each item to be disclosed		

## SCHEDULE -15: INCOME FROM INVESTMENTS

(Income on investment from Earmarked/Endowment Funds to be transferred to funds)	Investment from Earmarked Fund		Investment -Others	
	Current Year	Previous Year	Current Year	Previous Year
<b>1) Interest</b>				
a) On Govt. Securities				
b) Other Bonds/Debentures				
<b>2) Dividends</b>				
a) On Shares				
b) On Mutual Fund Securities				
<b>3) Rent</b>				
4) Others (Specify) - Interest on term Deposit	9,042,578.00	-	-	-
<b>TOTAL</b>	<b>9,042,578.00</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Transferred to Earmarked/Endowment Funds</b>	<b>9,042,578.00</b>			

**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

<b>SCHEDULE -16: INCOME FROM ROYALTY, PUBLICATIONS ETC.</b>	<b>Current Year</b>	<b>Previous Year</b>
1) Income from Royalty		
2) Income from Publications		
3) Others (Specify)		
<b>TOTAL</b>	<b>-</b>	

  

<b>SCHEDULE -17: Interest Earned</b>	<b>Current Year</b>	<b>Previous Year</b>
1) On Term Deposits		
a) With Scheduled Banks		7,544,178.00
b) With Non - Scheduled Banks		
c) With Institutions		
d) Others		
2) On Savings Account		
a) With Scheduled Banks	1,280,803.00	1,478,631.00
b) With Non - Scheduled Banks		
c) With Institutions		
d) Others		
3) On Loans:		
a) Employee/Staff		
b) Others		
4) Interest on Debtors and Other Receoverables		
<b>TOTAL</b>	<b>1,280,803.00</b>	<b>9,022,809.00</b>

Note : Tax deducted at source to be indicated. - TDS - NIL



**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

<b>SCHEDULE-18: OTHER INCOME</b>	Current Year	Previous Year
1) Profit on Sale/disposal of Assets:		
a) Owned Assets		
b) Assets acquired out of grants, or received free of cost		
2) Export Incentives realized		
3) Fees for Miscellaneous Services(Forfeited fees)	240,000.00	
4) Miscellaneous Income		
i) Credit Balances Written back	36,073.00	902,608.00
ii) Student Fines	186,185.00	105,255.00
iii) Others	910.00	32.00
<b>TOTAL</b>	<b>463,168.00</b>	<b>1,007,895.00</b>

<b>SCHEDULE -19: INCREASE / DECREASE IN STOCK OF FINISHED GOODS &amp; W.I.P.</b>	Current Year	Previous Year
a) Closing Stock		
- Finished Goods		
- Work-in-progress		
Total (a)		
b) Less : Opening Stock - Finished Goods		
- Work-in-progress		
Total (b)		
<b>NET INCREASE /(DECREASE)(a -b)</b>		



**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

<b>SCHEDULE -20: ESTABLISHMENT EXPENSES</b>	Current Year	Previous Year
a) Salaries and Wages	22,726,221.00	12,652,888.00
b) Allowances and Bonus	856,673.48	840,138.83
c) Contribution to Provident Fund	1,315,473.00	144,335.00
d) Contribution to other Fund (specify)		
e) Staff Welfare/expenses	530,225.80	236,473.00
f) Leave Travel Concession	83,472.00	
g) Others (Lien contribution)	306,000.00	414,850.00
<b>TOTAL</b>	<b>25,818,065.28</b>	<b>14,288,684.83</b>

<b>SCHEDULE -21: OTHER ADMINISTRATIVE EXPENSES ETC.</b>	Current Year	Previous Year
a) Purchases		
b) Lab consumables expenses	104,254.11	1,073,278.50
c) Professional Charges	60,959.00	13,699.00
d) Electricity and power	334,877.00	40,732.00
e) Water Charges	6,365.00	815.00
f) Staff Recruitment/Training Expenses	33,236.00	993,977.00
g) Repairs and Maintenance	52,221,489.25	1,140,671.50
h) Medical Expenses	14,604.89	



NIT GOA

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

i) Newspapers & Periodicals(including Subscriptions)	1,237,680.50	26,600.00
j) Vehicles running and maintainence ,Hire charges	992,410.80	667,274.45
k) Postage, Telephone and communication charges	266,735.01	306,198.83
l) Printing and stationery	686,228.02	431,941.85
m) Travelling & Conveyance Expenses(including transportation	3,834,711.29	1,826,960.00
n) Expenses on Seminars/Workshops/Meetings		35,730.00
o) Renumeration /Honararium Expenses(Expert Lecture)	1,017,580.00	688,080.00
p) Auditors Renumeration	134,832.00	139,832.00
q) Hospitality/Entertainment Expenses	832,759.00	750,767.00
r) Rent, rates & taxes	86,630.00	
s) Website Maintenance Charges	277,197.00	220,735.00
t) Security Services	3,194,616.35	657,782.20
u) Leave Travel Concession		
v) Membership	56,811.42	
w) Advertisement and Publicity	2,970,209.00	1,287,840.40
x) Others(Specify) -Refreshment expenses	307,273.97	259,027.50
y) Miscellaneous (sundry) expenses	39,449.00	132,853.76
	<b>68,710,908.61</b>	<b>10,694,795.99</b>



NIT GOA

**SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

	Current Year	Previous Year
<b>SCHEDULES -22: EXPENDITURE ON GRANTS, SUBSIDIES ETC.</b>		
a) Grant given to Institutions /Organisations		
b) Subsidies given to Institutions/Organisations		
<b>TOTAL</b>		
Note: Name of the Entities, their activities along with the amount of Grants/Subsidiaries are to be disclosed		

	Current Year	Previous Year
<b>SCHEDULE - 23: INTEREST</b>		
a) On Fixed Loans		
b) On Other Loans (Including Bank Charges)		
c) Others (Specify)		
<b>TOTAL</b>		



**NIT GOA**

## **SUB SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014**

<b>Sub Schedule 1: Creditors</b>		<b>Current Year</b>	<b>Previous Year</b>
CPWD Goa		4,553,527.50	
Sunil Books Services		28,151.00	
Digital Magic		66,664.00	
Elegante Enteriors		1,296,220.00	
Oswa Industrial Products Pvt. Ltd.		508,455.00	
Ragiv Marketing		837,033.75	
Smartsoft		1,640,000.00	
		<b>8,930,051.25</b>	-
<b>Sub Schedule 2: Outstanding Expenses</b>			
Vehicle Hiring Charges		70,560.00	36,000.00
Operating Cost-Library			61,637.00
Newspapers & Periodicals		2,216.00	3,200.00
Refreshment & Hospitality Expenses			4,155.00
Telephone Charges		11,315.00	13,850.83
Lien Contribution of Prof. GRC Reddy		25,500.00	444,194.00
Mis. Expenses		1,890.00	2,513.00
NPS Matching Share		171,057.00	51,383.00



## SUB SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2014

	Current Year	Previous Year
Postage	796.00	2,883.00
Printing & Stationary		2,080.00
Repair & Maint.	76,584.00	2,000.00
SAC Expenses		120,026.00
Sai Hospitality	561,834.00	400,075.00
Security Charges - (Outsourced)	255,053.76	239,859.32
Vehicle Running & Maint.		3,500.00
Water Charges		815.00
Lab Consumable		697,135.00
Staff Recruitment Expenses		974,097.00
Travelling Expenses	53,960.00	
Electricity Charges	72,592.00	
<b>SUB SCHEDULE 3: DEPOSITS</b>	<b>1,303,357.76</b>	<b>3,059,403.15</b>
<b>Security Deposits</b>		
Associated Scintific Corp. (I)	23,100.00	
Deline Technologies Pvt. Ltd.	30,000.00	
Eagle Photonics	8,525.00	
Electrovision	1,000.00	
Elegant Interior	81,500.00	31,000.00
Equip-Tronics Mumbai	10,980.00	10,980.00
Galaxy Computers	4,698.00	4,698.00



NIT GOA

**SUB SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

Jayam Electronics	2,137.00
Klaas Marketing Co.	11,500.00
Osaw Industrial Products Pvt. Ltd.	12,000.00
Pragna Microdesign	29,492.00
Ragiv Marketing	17,000.00
Techses Solutions Pvt. Ltd.	18,500.00
Thunder Force Pvt. Ltd.	10,000.00
United Telecoms Ltd.	34,382.00
Student Deposit	912,770.00
<b>Deposits from Students</b>	
Mess Deposit	2,433,131.00
Student Activity Council	597,135.00
Security Deposit of Students	1,524,000.00
Hall Establishment Charges	3,013,377.25
	<b>8,775,227.25</b>
	<b>5,662,058.00</b>

**SUB SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

<b>SUB SCHEDULE 4: PROVISIONS</b>		Current Year	Previous Year
Audit fees		20,225.00	123,877.00
Travelling Allowance			63,814.00
Pay & Allowance- NTS		514,279.00	234,374.00
Pay & Allowance- Teaching		1,663,828.00	206,590.00
Pay & Allowance- Contractual		323,913.00	961,082.00
		<b>2,522,245.00</b>	<b>1,589,737.00</b>
		<b>3,825,602.76</b>	<b>4,649,140.15</b>

  

<b>SUB SCHEDULE 5: LOANS &amp; ADVANCES</b>		Current Year	Previous Year
CPWD - Goa		4,974,270.00	47,594,940.00
Toyota Kirloskar Motor Pvt. Ltd.		1,414,866.00	
Dr A H Sequera-Misc Adv			2,286.00
M Manjunath-Misc Adv			26,000.00
V N Shet- Misc Adv		20,000.00	396,800.00
Vivek B Kamath- Misc Adv			10,000.00



NIT GOA

**SUB SCHEDULES FORMING PART OF BALANCE  
SHEET AS AT MARCH 31,2014**

Akshay Lad		13,000.00
Prasanth P		28,540.00
P Saidi Reddy		40,000.00
Satpute		50.00
K. Raj Kumar	14,000.00	
Fines Receivable		40,000.00
Permanent Advances		25,000.00
CSAB 2013	40,000.00	
Prepaid Expenses	3,600,590.00	
	<b>10,063,726.00</b>	<b>48,176,616.00</b>

<b>Sub Schedule 6: Deposits (Assets)</b>	<b>Current Year</b>	<b>Previous Year</b>
J G Sathe	75,000.00	
BSNL	1,000.00	
	76,000.00	0



NIT GOA

# NATIONAL INSTITUTE OF TECHNOLOGY GOA

## RECEIPTS AND PAYMENTS FOR

### THE YEAR ENDED MARCH 31, 2014

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	(Amount - Rs.)
	CURRENT YEAR	PREVIOUS YEAR		
<b>I. Opening Balances</b>				
a) Cash in Hand	99.00			
b) Bank Balances	318,997.00			
i) in current accounts				
ii) in deposit accounts				
iii) in savings accounts				
<b>II. Grant Received</b>				
a) From Govt of India				
Plan Grant -Capital				
Plan Grant -Revenue				
b) From State Govt.				
c) From other sources (Sch 1)				
<b>III. F.D Matured</b>				
	127,819,644.00	40,734,598.00		
<b>IV. Interest Received</b>				
a) On Bank Deposits	6,551,496.00			
b) on Loans, Advances etc	-			
<b>V. Income from fees etc. (Sch 2)</b>				
227,095.00	65,537.00			
3,516,451.25	2,514,597.00			
<b>VI. Amount Borrowed</b>				
<b>VII. Any other receipts -Misc</b>				
<b>VIII. Deposits received ( Sch 3)</b>				
	19,332,551.00	15,135,083.00		
<b>Total</b>	<b>177,001,678.95</b>	<b>201,036,542.00</b>	<b>Total</b>	<b>177,001,678.95</b>
				<b>201,036,542.00</b>
<b>I. Expenses</b>				
a) Establishment Exp. (Sch 4)		25,246,426.28		
b) Admin. Expense (Sch 5)		69,403,114.50		
		94,649,540.78		
<b>II. Fixed Deposits made during the year</b>				
a) Out of Earmarked /End, Funds		100,961,722.00		
b) Out of own funds		-		
<b>III. Capital Expenditure</b>				
a) Purchase of fixed assets		12,660,931.39		
b) Expr. On work-in-progress		-		
		12,660,931.39		
<b>IV. Other Payments</b>				
2613151		Prior Period Expenses		
		Advances given ( Sch 6)		
		Scholarship Paid		
		Deposits given		
		Creditor repayments		
		-		
		(40,951,741.00)		
		48,782,045.00		
<b>V. Closing Balances:</b>				
a) Cash in hand				99.00
b) Bank Balances				318,997.00
i) in current accounts				318,997.00
ii) in deposit accounts				9,362,228.78
iii) in savings accounts				19,235,345.70
				9,681,225.78
				19,554,441.70



## SCHEDULES FORMING PART OF RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDED MARCH 31, 2014

### SCHEDULE -01: Grants received from other sources

Hostel Development Fund	
Institute Devt Fund	
DASA Deposits	
Deposit AIEEE	

### SCHEDULE -02: Income from Fees etc.

Tution Fees	15,909,651.00
Others (Specify)	
Hostel Admission Fee	379,000.00
Rent from Hostel	1,137,000.00
Development Fees	534,000.00
Ph D Application Fees	25,900.00
Students Fees Forfeited	240,000.00
Other Fees	1,107,000.00
	19,332,551.00

### SCHEDULE -03: Deposits Received

Student Activity Council	171,940.00
Mess Deposits	842,384.00
Student Deposit	321,675.00
Students Security Deposit	312,000.00
Others	1,868,452.25
	3,516,451.25

### SCHEDULE -04: ESTABLISHMENT EXPENSES

a) Salaries and Wages	21,812,413.00
b) Allowances and Bonus	920,487.48
c) Contribution to Provident Fund	1,175,134.00
d) Contribution to other Fund (specify)	-
e) Staff Welfare/expenses	530,225.80
f) Leave Travel Concession	83,472.00
g) Others (specify) Lien contribution	724,694.00
<b>TOTAL</b>	<b>25,246,426.28</b>



**SCHEDULE -05: OTHER ADMINISTRATIVE EXPENSES ETC.**

a) Purchases	-
b) Lab consumables expenses	801,389.11
c) Professional Charges	60,734.00
d) Electricity and power	262,285.00
e) Water Charges	7,180.00
f) Staff Recruitment Expenses	1,007,333.00
g) Repairs and Maintenance	47,593,377.75
h) Medical Expenses	14,604.89
i) Newspapers & Periodicals(including subscriptions)	4,475,427.50
j) Vehicles running and maintenance - Hire charges	959,869.80
k) Postage, Telephone and communication charges	270,725.84
l) Printing and stationery	688,308.02
m) Travelling & Conveyance Expenses	3,780,751.29
n) SAC Expenses	120,026.00
o) Renumeration /Honararium Expenses(Expert Lecture)	1,017,580.00
p) Auditors Renumeration	231,462.00
q) Hospitality/Entertainment Expenses	1,232,834.00
r) Rent, rates & taxes	86,630.00
s) Website Maintenance Charges	277,197.00
t) Security Services	3,168,588.91
u) Leave Travel Concession	
v) Prior Period Expenses	
w) Membership	56,811.42
x) Advertisement and Publicity	2,938,675.00
y) Others(Specify) -Refreshment expenses	311,251.97
z) Miscellaneous (sundry) expenses	40,072.00
	<b>69,403,114.50</b>

**SCHEDULE -06: Advances Given**

	Opening	Balance
CPWD - Goa	47,594,940.00	(42,620,670.00)
Toyota Kirloskar Motor Pvt. Ltd.		1,414,866.00
Dr A H Sequera-Misc Adv	2,286.00	(2,286.00)
M Manjunath-Misc Adv	26,000.00	(26,000.00)
V N Shet- Misc Adv	396,800.00	(376,800.00)
Vivek B Kamath- Misc Adv	10,000.00	(10,000.00)
Akshay Lad	13,000.00	(13,000.00)
Prasanth P	28,540.00	(28,540.00)
P Saidi Reddy	40,000.00	(40,000.00)
Satpute	50.00	(50.00)
K. Raj Kumar		14,000.00
		-
Permanent Advances	25,000.00	(25,000.00)
CSAB 2013		40,000.00
		<b>(41,673,480.00)</b>



## **NATIONAL INSTITUTE OF TECHNOLOGY, GOA SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED MARCH 31, 2014**

### **SCHEDULE -24 – SIGNIFICANT ACCOUNTING POLICIES**

#### **1. ACCOUNTING CONVENTION**

The Financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

#### **2. GOVERNMENT GRANTS**

- 2.1** Government of India, Ministry of Human Resources Development provides grant-in-aid to the Institute as Annual Plan Grants for meeting the recurring and non-recurring expenditure. The grants released by the Government has to be utilized only for the purpose for which it is granted and a Utilization Certificate in Form GFR-19A has to be furnished showing the actual amount utilized and the balance available at the close of the financial year. The unspent grant needs to be refunded to the Government unless specifically allowed to be carried forward for utilization during the next year. As such the unspent amount of grants is a liability of the Institute. Accordingly, the utilized position of grant is initially credited under the head “Corpus/Capital Fund” and unutilized position is carried under Earmarked Fund.
- 2.2** Expenditure of non-recurring nature (Capital expenditure for acquiring fixed assets) is shown as a deduction from this account (since it represents expenditure for the purpose for which the grant is sanctioned) and an equal amount is credited to “Capital Reserve” Account.
- 2.3** Grants sanctioned specifically to meet the recurring expenditure (non-capital nature), is taken directly to the Income & Expenditure Account. The excess of income over expenditure represents short utilization of grants and is credited to a Reserve Account in the Balance Sheet as “Income & Expenditure Account”. Similarly, excess of expenditure over income shows over-utilization of grants during the year and is debited to the “Income & Expenditure Account”
- 2.4** The Institute had allotted the work of repairs & reconstruction of the premises allotted to the Institute for use and the erection of temporary Laboratory, classrooms, auditorium and Library to CPWD, Goa. The work has been executed by CPWD to whom an advance of Rs. 4,75,94,940/- was paid up to 31/03/2013. The premises has been officially handed over to the Institute on Dt. 29/07/2013 and Dt. 28/03/2014 respectively. Accordingly an amount of Rs.5,17,18,000/- has been booked to repairs & maintenance towards the same

#### **3. FIXED ASSETS & DEPRECIATION**

- 3.1** Fixed Assets are valued at cost less depreciation. Cost includes all attributable cost in bringing the assets to its working condition for the intended use.
- 3.2** Depreciation on the assets is charged on W.D.V. basis at the applicable Income Tax rates. Full depreciation is charged on assets acquired till September, 30 and half-rate is charged on assets acquired after September, 30.
- 3.3** All the assets are considered to have been acquired out of Government grants and therefore the cost of assets acquired during the year is considered as utilization of grants for non-recurring purposes and deducted from the Corpus/Capital Fund as mentioned in 2.2 above. Equal amount is credited to Capital Reserve Account as stated in 2.3 above.
- 3.4** The depreciation charged during the year is shown in the Income & Expenditure Account only notionally and equal amount is credited to the I&E Account by transfer from Capital Reserve Account. Therefore, the amount of depreciation is not an expenditure or charge on the income for the year.
- 3.5** The net value of assets, cost of assets reduced by depreciation (Net Block) is therefore equals the balance (credit) in Capital Reserve Account.
- 3.6** Assets costing Rs. 5000/- or less each are fully provided during the year of acquisition.
- 3.7** Depreciation on Office Equipment was short provided during the Financial Year 2011-12 to the extent of Rs. 2,160/- resulting in excess depreciation for year 2012-12 & 2013-14. In terms of C&AG audit objection, the same has been



rectified & the net additional depreciation of Rs. 1,560/- has been provided during the current year.

#### **4. INVENTORY**

Stores and spares purchase for use in laboratories and office are considered as expenses. Though stock verification is carried out periodically to ascertain the utilization of the same no valuation of the closing stock is done since the value of such stock is only nominal and is not worth the efforts.

#### **5. TAXATION**

National Institute of Technology, Goa being an Institution wholly financed by the Government is exempted from tax on its income under Section 10(23) –A of the Income Tax Act, 1961. No provision for taxation is therefore made in the accounts.

#### **6. INVESTMENTS**

Investments are long term assets specifically made for earning income. Endowments or corpus funds are only invested in such manner. Terms Deposits with banks for short duration which is to be encashed as and when money is required is treated only as current assets and interest realized on the same is treated as interest income and not income from investments.

#### **7. FOREIGN CURRENCY TRANSACTIONS**

- 7.1** Transactions denominated in foreign currency are accounted as the exchange rate prevailing at the date of the transaction.
- 7.2** Current assets, and current liabilities in foreign currency are converted at the exchange rate prevailing as at the year end and the resultant gain/loss is adjusted as cost of assets, if the foreign currency liability related to such assets and in other cases is considered to revenue.

#### **8. LEASE**

Lease rentals are expended with reference to lease terms.

#### **9. RETIREMENT BENEFITS**

Since the process of permanent appointment of teaching and non-teaching staff are in process, provision for retirement benefits are not provided during the current financial year.

- 10.** C&AG during the audit of the financial year ending 2012 & 2013 had raised certain audit objections regards disclosure of certain figures under certain heads. Accordingly the corrections are accorded and the following adjustments carried out:
  - a. A sum of Rs. 1,27,600/- (Hostel Development Fund) & Rs. 29,84,652/-(Institute Development Fund) has been transferred accordingly from reserves & surplus to earmarked funds.
  - b. Interest earned of Rs. 56,15,240/- for Financial years 2010-11, 2011-12, 2012-13 on investments from unutilized grants has been transferred from capital fund to earmarked funds.
- 11.** The Institute had collected a sum of Rs.51,500/-,Rs. 14,898/-, Rs.1,03,600/- towards group insurance of students for the financial year 2010-11, 2011-12 & 2012-13 respectively. Out of which a sum of Rs. 1,30,550/- has been paid towards student's group insurance for the period from Dt. 22/12/2013 to Dt. 21/12/2014. The balance unpaid amount of Rs. 1,70,689/- is transferred to Student activity Council Fund.
- 12.** During the year, a sum of Rs. 2,40,000/- was received from Central seat Allocation Board towards the fees of 6 students who did not report to the Institute. Since the fees are non-refundable, the same has been transferred to income under students fees forfeited account.



## **NATIONAL INSTITUTE OF TECHNOLOGY, GOA SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED MARCH 31, 2014**

### **SCHEDULE -25—CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS**

#### **1. CONTINGENT LIABILITIES**

1.1 Claims against the Institute not acknowledged as debts—Rs. NIL (Previous Year—Rs. NIL)

1.2 In respect of:

- Bank Guarantees given by / on behalf of the Institute—Rs. NIL (Previous year—Rs. NIL)
- Letters of Credit opened by Bank on behalf of the Institute—Rs. NIL (Previous year—Rs. NIL)
- Bills discounted with banks—Rs. NIL (Previous Year—NIL)

1.3 Disputed demands in respect of:

- Income Tax—Rs. NIL (Previous year—Rs. NIL)
- Sales—tax—Rs NIL (Previous year—Rs. NIL)
- Municipal Taxes—Rs. NIL (Previous year—Rs. NIL)

1.4 In respect of claims from parties for non-execution of orders, but contested by the Institute - Rs. NIL (Previous year—Rs. NIL)

#### **2. CAPITAL COMMITMENTS**

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances)—Rs. NIL (Previous year—Rs. NIL)

#### **3. LEASE OBLIGATIONS**

Future obligations for rentals under finance lease agreements for plant and machinery amounts to Rs. NIL (Previous year—Rs. NIL)

#### **4. CURRENT ASSETS, LOANS AND ADVANCES**

In the opinion of the management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.



## 5. FOREIGN CURRENCY TRANSACTIONS

(Amount)

Current Year

Previous Year

### 5.1 Value of Imports calculated on C.I.F. basis:

- Purchase of finished Goods	NIL	NIL
- Raw Materials & Components (Including in transit)	NIL	NIL
- Capital Goods	NIL	NIL
- Stores, Spares and Consumables	NIL	NIL

### 5.2 Expenditure in foreign currency:

a) Travel	NIL	NIL
b) Remittances and Interest payment to financial Institutions/ Banks in Foreign Currency	NIL	NIL
c) Other expenditure:		
- Commission on Sales	NIL	NIL
- Leal and Professional Expenses	NIL	NIL
- Miscellaneous Expenses	NIL	NIL

### 5.3 Earnings:

- Value of Exports on FOB basis	NIL	NIL
---------------------------------	-----	-----

### 5.4 Remunerations to auditors:

As Auditors:

- Taxation matters	NIL	NIL
- For Management Services	NIL	NIL
- For Certification	NIL	NIL

Others

NIL

NIL

6. Corresponding figure for the previous year have been regrouped / re-arranged, wherever necessary.

7. Schedules 1 to 25 are annexed to and form an integral part of the Balance Sheet as at March 31, 2014 and the Income and Expenditure for the year ended on that date.



# AUDIT REPORT







INDIAN AUDIT & ACCOUNTS DEPARTMENT  
OFFICE OF THE PRINCIPAL DIRECTOR OF  
AUDIT (CENTRAL)  
C-25, AUDIT BHAVAN, BEHIND INCOME TAX BLDG, BANDRA(E), KURLA  
COMPLEX, MUMBAI 400 051.  
Telephone: (022) 2657 2951 (Direct)  
EPABX : 2657 1750/41/42/36 ; FAX: 657 2951 / 657 2451

No. PDA(C)/C&AB/C/SAR/2013-14/NIT, Goa/ Date:

To

The Secretary to the Government of India,  
Ministry of Human Resource Development,  
Department of Secondary Education & Higher Education,  
Shastri Bhavan,  
New Delhi 110 001.

Sub: Separate Audit Report on the accounts of National Institute of Technology,  
Goa for the year 2013-14.

Sir,

Please find enclosed the Separate Audit Report on the accounts of National Institute of Technology, Goa for the year ended 31 March 2014 along with the following documents for being laid on the Table of both the Houses of Parliament.

- (i) Statement of Accounts
- (ii) Audit Report-cum-Audit Certificate in English along with annexure.

Copies of the documents as presented to the Parliament may please be forwarded to this office with an intimation regarding the date of their presentation to both the Houses of Parliament.

Please acknowledge the receipt.

Yours faithfully,

Sd/-

Dy. Director of Audit/C&AB

No.PDA(C)/C&AB/SAR/2013-14/NIT, Goa/ 767

Date:

Copy along with the Annual Accounts for the year ended 31 March 2014 together with Audit Certificate in English is forwarded to The Director, National Institute of Technology, Goa Farmagudi, Ponda, Goa – 403 404 for information and necessary action. The date/s of presentation of the documents to the Parliament and a copy thereof may kindly be furnished to this office.

Dy. Director of Audit/C&AB



**Separate Audit Report of the Comptroller and Auditor General of India on the accounts of the National Institute of Technology, Goa, Farmagudi, Goa for the year ended 31<sup>st</sup> March 2014.**

**Introduction:**

1. We have audited the attached Balance Sheet of the National Institute of Technology Goa, ('the Institute') as at 31<sup>st</sup> March 2014, the Income & Expenditure Account and Receipt & Payment Account for the year ended on that date under section 19(2) of Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with section 22(1) of the NIT Act. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.
  
2. This Separate Audit Report contains the comments of the Comptroller and 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 observations on financial transactions with regard to compliance with the Law, Rules and Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/ CAG's Audit Reports separately.
  
3. 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 material misstatement. 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.

4. Based on our audit, we report that:

- i. We have obtained all the information and explanations which, to the best of our knowledge and belief, were necessary for the purpose of our audit. (Except that relating to physical verification of assets).
- ii. The Balance Sheet, the Income & Expenditure Account and Receipt & Payment Account dealt with by this report have been drawn up in the format approved by the Government of India (Ministry of Finance).
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required under section 22(1) of NIT Act and Rule 25(ii) of its Memorandum of Association in so far as it appears from our examination of such books.



iv. We further report that

**A. Balance Sheet**

**A.1 Liabilities**

**A.1.1 Earmarked Funds:- Rs. 14,81,92,826 (Sch.-3)**

This includes unspent grants as on 31/3/2014 booked under Earmarked Funds capital amounting to Rs. 12.29 crore. The Institute has utilized grants of Rs. 7.45 crore for meeting revenue expenditure. However the same has not been booked under Earmarked funds-Capital resulting in overstatement of unspent balance under Earmarked funds by Rs. 7.45 crore with understatement of Corpus to the same extent. Further the nomenclature of the head under which unspent grants is booked viz 'Earmarked fund capital' is incorrect as it also represents unspent grants received for salaries and general purposes.

**B. General Comments**

1. The Institute is functioning on land owned by Government of Goa, which has been handed over to NIT Goa till it shifts to its own campus, by constructing a temporary structure for accommodating classrooms. The same should have been disclosed in the notes to accounts. During the year an amount of Rs. 5.17 crore has been spent on repairs, reconstruction and temporary construction of classrooms etc by NIT Goa.



**C. Grant-In-Aid**

During the year 2013-14 no grants –in-aid was received by the Institute. The Institute brought forward unutilized grant amounting to Rs. 12.89 crore from previous year (2012-13) and spent a sum of Rs. 11.84 crore leaving an unspent balance of Rs. 1.05 crore as on 31<sup>st</sup> March 2014.

**D. Management Letter**

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Institute through a management letter issued separately for remedial/corrective action. This includes a number of errors in the disclosures made by the institute in schedule 24 Significant Accounting Policies and Schedule 25 Notes to Accounts compared to those practiced by the Institute.

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

vi. 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 the Accounting Policies and Notes on Accounts,



and subject to the significant matters stated above and other matters mentioned in the Annexure to this Audit Report, give a 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 the National Institute of Technology, Goa as at 31<sup>st</sup> March 2014, and
- (b) In so far as it relates to the Income & Expenditure Account, of deficit for the year ended on that date.

For and on behalf of the  
Comptroller & Auditor General of India

A handwritten signature in blue ink.

Principal Director of Audit (Central)

Place: Mumbai

Date: 19/11/2014



### Annexure

<b>1.</b>	<b>Adequacy Of Internal Audit System.</b>  The Internal audit of the Institute is conducted by a Chartered Accountant and was found to be adequate.
<b>2.</b>	<b>Adequacy Of Internal Control System.</b>  Internal controls are found to be adequate and commensurate with the size and nature of the Institute.
<b>3.</b>	<b>Physical Verification of Assets.</b>  Physical Verification of assets was stated to be conducted by the Chartered Accounting firm. However certificate of conduct of Physical verification of assets and stock were not made available to audit.
<b>4.</b>	<b>Physical Verification of Inventory.</b>  The Institute does not have Inventory.
<b>5.</b>	<b>Regularity in payment of statutory dues.</b>  The Institute is regular in payment of statutory dues.

A handwritten signature in blue ink.

Principal Director of Audit (Central)

