

**ANNUAL REPORT
&
ANNUAL ACCOUNTS
2015-2016**



**National Institute of Technology
Goa - 403 401**

NATIONAL INSTITUTE OF TECHNOLOGY GOA

Farmagudi, Ponda, Goa - 403 401 INDIA.

Phone: 0832 240 4200

Fax: 0832 240 4202

www.nitgoa.ac.in



CONTENTS

	Page No.
PART –I	
BRIEF PROFILE OF THE INSTITUTE	05
INTRODUCTION	06-08
1.1 Vision	
1.2 Mission	
1.3 Education	
2.0 AN OVERVIEW	09-19
2.1 Historical Background	
2.2 Location	
2.3 Campus	
2.4 Administration	
2.5 Academic Programmes	
2.6 Courses Offered	
2.7 Admission Procedure	
2.8 Students	
2.9 Examination & Evaluation	
3.0 STAFF	20-22
3.1 Faculty	
3.2 Non- Academic Staff	
4.0 ACADEMIC PROGRAMMES	23
4.1 Courses offered	
4.2 Course-wise enrolment	
4.3 Total Number of Students : 2014-15	
5.0 ADMINISTRATIVE AND STATUTORY BODIES AND OTHER COMMITTEES	24-27
5.1 Board of Governors	
5.2 Finance Committee	
5.3 Senate	
5.4 Building and Works Committee	
6.0 CONCESSIONS FOR SCs, STs, HANDICAPPED STUDENTS	27
6.1 Concessions provided for students	
6.2 Concessions provided for staff	



7.0	PUBLICATIONS, WORKSHOPS AND STUDENT CHAPTERS	28-44
7.1	Publications	
7.2	Paper Presented in Seminars	
7.3	Workshops	
7.4	Conferences	
7.5	Student Chapters	
8.0	RESEARCH & DEVELOPMENT	45-46
9.0	OUTREACH CELL ACTIVITIES	46-47
10.0	PLACEMENT DETAILS OF STUDENTS FOR ACADEMIC YEAR 2015-16	47-48
11.0	CONVOCATION	48-49
PART - II		
	ANNUAL ACCOUNTS	
1.	Annual Accounts	53-111
2.	Audit Report	115-123



NATIONAL INSTITUTE OF TECHNOLOGY, GOA

BRIEF PROFILE OF THE INSTITUTE

National Institute of Technology Goa (NIT Goa) is a premier technical Institute of the region. NIT Goa was established in the year 2010 by an act of parliament (NIT act 2007) and it is declared as 'Institute of National Importance'. NIT Goa 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. NIT Goa 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 also admits students to M.Tech and Ph.D. Degree Programs. 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

B.Tech

Structure of B.Tech Programme

The medium of instruction is English. Undergraduate (B.Tech Degree) programme is offered in the following disciplines: i) Computer Science and Engineering (CSE), ii) Electrical and Electronics Engineering (EEE), iii) Electronics and Communication Engineering (ECE). Another teaching Department is Humanities and Sciences (HS): an interdisciplinary department, which covers areas such as: i) Mathematics (MA) ii) Physics (PY) iii) Chemistry (CY) iv) Economics (HS) v) Environmental Studies (ES) and vi) English (HU). The programme structure consists of the following criteria: i) A general (common) core programme comprising of basic sciences, engineering sciences, humanities and technical arts; ii) An engineering core programme introducing the student to the foundations of engineering in the respective branch; iii) An elective programme enabling the student to opt and undergo a set of 3 courses of interest; iv) Professional practice including project, seminar and industrial training/internship and, v) Courses on Environmental Studies (ES), Physical Education (Phy. Ed.), Value Education (VE). Every branch of the B. Tech. programme will have a curriculum for the courses approved by the Senate. Every department has a prescribed course structure which in general terms is known as Curriculum or Course of Study. It prescribes courses to be studied in each semester. The courses of study bulletin is updated and made available on Institute's website. The Institute follows a credit based semester system. There are two regular semesters in a year. The semester that begins in July (July to December) is known as Odd semester and the semester that begins in January (January to May) is known as Even semester. The complete programme will consist of 6 classifications: Basic Sciences, Basic Engineering Sciences, Humanities and Languages, Technical Arts, Professional Theory & Practice, and Others, distributed over eight semesters with two semesters per academic year. Professional Core courses will commence from the third semester onwards. The elective courses will be offered from the fifth semester (or, third year) onwards. The academic programmes of the Institute follow the credit system. The general pattern is: one credit for each lecture hour per week per semester; two credits for each laboratory /practical of three hours per week per semester. Three credits for Drawing course

of one Lecture plus three hours of drawing. The curriculum of any branch of the B. Tech. programme shall have a total of minimum 170 credits. Every course of the B. Tech. programme will be placed in one of the 6 classifications. Minimum credits to be earned for the award of B. Tech. Degree are 170 (of which 1 credit of course work done under the Pass/Fail option are not counted towards calculation of Cumulative Grade Point Average (CGPA)).

REGISTRATION

- Except for the first and second semesters, registration is mandatory for all other semesters and enrolment will be done in the beginning of the semester as per the schedule announced by the Academic Affaire Committee (AAC). A student will be eligible for enrolment only if he/she satisfies the clause that "A student who has cleared all the academic requirements upto the previous semester will register for all courses of the current semester as per Institute norms", and additionally if (i) he/she has cleared all dues in the Institute, Hostel & Library of the previous semester and (ii) he/she is not debarred from enrolment under disciplinary action of the Institute.
- Students are required to submit duly filled in registration form, in consultation with his/her faculty adviser.
- B.Tech. students up to 6th Semester are allowed to register for a maximum of 24 credits, and the students of 7th and 8th Semesters are allowed to register for a maximum of 20 credits.
- If a student finds his/her course load heavy in any given semester or for any other valid reasons, he/she may drop courses within three weeks of the commencement of the semester or as mentioned in the academic calendar, whichever is earlier, with the written approval of his/her faculty adviser and HoD. However, the student should ensure that the total number of courses registered for in any semester should enable him/her to earn the minimum number of credits as required per semester.

M.Tech

Structure of M.Tech Programme

- The medium of instruction, examination and project reports will be in English.
- Postgraduate (M.Tech. Degree) programme is offered in the following disciplines by the respective programme hosting Departments.
 - i) Master of Technology in "Computer Science and Engineering" (M.Tech. (CSE)) by the department of Computer Science and Engineering (CSE) Department,
 - ii) Master of Technology in "VLSI" (M.Tech. (VLSI)) by the department of Electronics and Communication Engineering (ECE).
 - iii) Master of Technology in "Power Electronics and Power Systems" (M. Tech. PEPS) by the department of Electrical and Electronics Engineering (EEE) Department.
- Other teaching Department is Humanities and Sciences (HS), which may offer courses for the different programmes
- Each programme of instruction consists of the following:
 - i) An engineering "Programme Core" introducing the student to the state of the art in engineering in the respective branch.
 - ii) A "Programme Elective" enabling the student to opt and undergo a set of specialised courses;

- iii) A “Professional practice” which may include projects, independent study, seminar and comprehensive –viva and technical communication etc.
- iv) A Dissertation work on specialised advanced engineering and/or research work of state of art nature.
 - Each of the postgraduate programmes will have a curriculum and syllabi for the courses approved of by the Senate. Every department has a prescribed course structure which in general terms is known as “Curriculum” or “Courses of Study”. It prescribes courses to be studied in the programmes in each of the semester as well as credits associated. The courses of study is updated and made available on Institute's website.
 - The Institute follows a credit based semester system. There are two regular semesters in a year. The semester that begins in July (July to December) is known as Odd Semester and the semester that begins in January (January to June) is known as Even Semester.
 - The complete programme will consist of 4 categories (as given in the Table 1): Core, Electives, Dissertation work and Professional Practices distributed over four semesters with two semesters per academic year.
 - The academic programmes of the Institute follow the credit system. The general pattern is: One credit for each lecture hour per week per semester; Two credits for each laboratory course of three to four hours per week per semester.
 - The curriculum of any specialization of the M. Tech. programmes shall have a total of minimum of 64 credits, i.e. a minimum of 64 credits in each specified categories have to be earned by students for the award of M.Tech. degree.

Registration

- Students are allowed to pre-register for the elective courses to facilitate the selection of suitable electives from the set of electives that the respective department is ready to offer in the ensuing semester
- For all the admitted students, registration is mandatory for all the semesters and enrolment will be done in the beginning of the semester as per the schedule announced by the AAC. A student will be eligible for enrolment only if he/she satisfies the clause that "if at the end of the first two semester of the normal academic program, if a student has a earned less than 26 credits and has a CGPA of less than 5.5, then his/her enrolment will be terminated", and additionally if (i) he/she has cleared all dues in the Institute, Hostel & Library, up to the end of the previous semester and (ii) he/she is not debarred from enrolment by a disciplinary action of the Institute
- Students are required to submit duly filled in registration form, in consultation with his/her faculty adviser (DCC's representative).
- M.Tech. students are allowed to register for a maximum of 25 credits in a semester (other than the first semester) with the consent of the faculty Advisor. If a student finds it difficult to cope up with the academic work load in any semester or for any other valid reason, he/she may drop courses within three weeks of the commencement of the semester or as mentioned in the academic calendar, whichever is earlier, with the written approval of his/her faculty adviser and HoD. However, the student should ensure that the total number of credits registered for in any semester should enable him/her to earn the minimum number of credits per semester for the completed semesters.

2.0 AN OVERVIEW

2.1 Background

NIT GOA is one of the ten newly set up NITs during the 11th Five Year Plan by the Ministry of Human Resources Development (MHRD) Govt. of India. 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

NIT Goa present temporary Campus is located at Farmagudi, Ponda, Goa. Farmagudi is located on a plateau 3 km from the main Ponda City on the way towards Panaji. Ponda is a city and a municipal council in North Goa district in the Indian state of Goa. It is located in the central part of Goa. Ponda city lies about 28 km south-east of Panaji and 17 km north-east of Margao and is also the capital of Ponda Taluka. Ponda is well connected by road to the Panaji (Capital of Goa) and main railway junction of Margao.

By Air

Goa's sole airport, the 'Dabolim Airport' in Vasco, caters to domestic and international airlines that stop en route to other Indian destinations. It is at a distance of around 30 Km (45 Minute ride) from the Institute.

By Rail

Goa has two rail lines-one run by the South Western Railway and the other by the Konkan Railway. Closest major railway station is 'Madgaon Railway Station' which is around 20 Km (30 Minute ride) from the Institute.

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. The new buildings accommodate thirteen class rooms, eight laboratories, conference room, one seminar hall having seating capacity of 120 people at a time, workshop and an administrative office.

In the F.Y 2015-16 Institute also come up with its won medical centre and canteen facility in the temporary premises.

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 looks after the financial and construction activities of the Institute.

2.5 Academic Programmes

The Institute is currently offering B. Tech program and M. Tech program by the following departments:

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

The institute is currently offering Ph.D. program in the following streams:

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

2.6 Courses Offered

Undergraduate Courses (B. Tech):

Branch	Current Year Intake	Year Started in
Computer Science and Engineering	26	2015 -2016
Electrical and Electronics Engineering	25	2015 -2016
Electronics and Communication Engineering	27	2015 -2016

Postgraduate Courses (M. Tech):

Branch	Current Year Intake	Year Started in
Computer Science and Engineering	15	2015 -2016
Power Electronics and Power Systems (PEPS)	17	2015 -2016
VLSI	15	2015 -2016

Courses Offered Doctorate Courses (Ph.D.):

Branch	Current Year Intake	Year Started in
Computer Science and Engineering	07	2015 -2016
Electrical and Electronics Engineering.	01	2015 -2016
Electronics and Communication Engineering	03	2015 -2016
Humanities and Sciences	00	2015 -2016

2.7 Admission Procedure

B.Tech.

Admission to all courses is made in the Odd semester of an academic year at the first year based on 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 for 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 and awaiting results of the final examination of the 10+2 system 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 stipulated by CSAB/Institute, the Academic Affairs Committee may revoke the admission of the candidate and report the matter to the Senate.

M.Tech.

Admission to all the courses is made in Odd semester of an academic year at the first year level based on relative performance in Graduate Aptitude Test for Engineering (GATE) in relevant discipline as per guidelines issued by the Ministry of Human Resources and Development (MHRD), New Delhi from time to time. The number of seats in each branch of the M. Tech. programme is decided by the Senate of the Institute following the instructions from MHRD, Government of India. Reservation of seats to be made as per the directives from MHRD, Government of India. At the time of admission the candidates should have passed/appeared and awaiting results of the final examination of the qualifying degree in relevant discipline as main subjects of study. Candidates have to fulfil the medical standards required for admission as per rules set up by institute or guidelines issued by the Ministry of Human Resources and Development (MHRD), Government of India from time to time. The selected candidates will be admitted to M. Tech. programme after the completion of admission process. In all matters relating to admission to the M. Tech. programme, the decision of the Institute's Post-Graduate Admission Committee (PAC) 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 stipulated by the institute, the Academic Affairs Committee (AAC) may revoke the admission of the candidate and report the matter to the Senate.

Ph. D.

The award of the Ph.D. degree is in recognition of high achievements, independent research

and application of knowledge to the solution of engineering and scientific problems. The details of research programmes and faculty research interests may be found in the department websites. NIT Goa currently offers Ph.D. degree in: Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE) and Electrical and Electronics Engineering (EEE), Humanities and Sciences (HS).

Categories of Ph.D. Candidates

The Assistantship/Fellowships will be payable for duration fixed by the Ministry of Human Resources and Development (MHRD) (or the granting agency) or until the date of submission of thesis, whichever is earlier. The Institute admits Ph.D. candidates under the following categories:

- ♣ Full time research scholar on Institute fellowship (FT)
- ♣ Teaching Assistant (TA)
- ♣ Teaching Assistant through Project (TAP)
- ♣ Industry Fellowships (IF)
- ♣ Govt. / Semi Govt. Fellowship Awardees (FA) (CSIR, UGC, DOE, DST, DBT, NBHM, ISEAP etc.)
- ♣ Sponsored candidates (SP)
- ♣ Self-Financed (Indian / Foreign) / Study Leave (SF)
- ♣ Indian Council for Cultural Relations Award (ICCR) (Foreign Nationals)
(The candidate should possess a valid GATE score for MHRD scholarship)

Normally, advertisement for Ph.D. programme is issued in the month of March (for July session) and October (for December-January session) each year in the employment news, department website as well as in leading newspapers. Admissions are carried out in the months of July and December. Candidates seeking admission under this clause must fulfil the required academic qualification/experience at the time of interview. They must join within two weeks after the issue of admission offer unless specifically permitted to do so. Admission is subject to vacancy being available in the relevant specializations.

2.8 STUDENTS

· Number of Candidates admitted into first year B.Tech during 2015-16

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	25	01	26
2.	EEE	19	06	25
3.	ECE	24	03	27
	Total	68	10	78

· Students admitted under DASA Scheme

Five students were admitted into first year B.Tech Courses during 2015-16.

· **Number of Candidates admitted into first year M. Tech during 2015-16**

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	08	07	15
2.	EEE	14	03	17
3.	ECE	11	04	15
	Total	33	14	47

· **Number of Candidates admitted into first year P.h.D during 2015-16**

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	04	03	07
2.	EEE	01	00	01
3.	ECE	03	00	03
4.	HS	00	00	00
	Total	08	03	11

2.9 Examination & Evaluation

B.Tech

Internal Evaluation

For lecture or lecture cum practical courses, two tests will be conducted. The details of weightage of marks for the tests and assignments will be decided by the course coordinator in consultation with the DCC. These details will be announced to the students in the beginning of the semester. The AAC should be informed of these details in the beginning of the semester. For laboratory practical, the teacher of the laboratory in consultation with the DCC decides the number of tests.

For all Lecture based courses, mid-term exam (25 %) and internal evaluation (25 %) [Quizzes, Assignments etc.] together carry 50% weight and the end-term examination carries 50% weight. For laboratory practical, end-term exam is not mandatory. If end term exam is planned for a practical course, it should be conducted before the last instructional day and the weight for it should not exceed 40%. For lecture cum practical courses, assessment, procedure is to be a properly weighted combination of those for lecture and those for practical components, and is to be decided in the DCC. For practical component courses like Physical Education and Value Education, the concerned teachers, in consultation with the AAC shall decide the assessment procedure.

Examination

There will be one mid-term examination of one and a half hours duration on each lecture based or lecture cum practical course. There will be one end-term examination of three hours 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. Those who miss mid-term and/or end-term exam should apply to the Head of the concerned course 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 the five days after the completion of the prescribed exam, giving the reasons for absence. Applications received after this period will not be entertained. All make-up exams for mid-term test 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, etc.

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 be allowed to appear for another make-up exam. However, in exceptional cases of prolonged illness resulting in the student missing make-up exam, the Chairman of the Senate may permit the student to appear for a second make-up exam

Project Evaluation

The B.Tech. Project is done in the final year of the undergraduate programme and is divided into two stages. Normally the first stage is done in odd semester and the second stage in subsequent even semester. Through the project work the student has to exhibit both the analytical and practical skills. On completion of the project, the student will submit a project report that will be evaluated by duly appointed examiners. A panel of examiners should be finalized by HoD in consultation with all faculty members of the concerned department. The project evaluation will be based on combining the reports of internal and external examiners (outside the department). Suitable weights must be given to the qualitative and quantitative results of the project and evaluated by a viva voce exam.

Grading

1. The faculty will return evaluated tests, assignments, tutorials, term papers, etc., within two weeks after their respective test/examination etc..
2. Only the final grades (after approval by DCC) and attendance of all the students should be communicated by the teachers of the courses. Students may seek clarification regarding grades etc., from the concerned Course coordinator, if required.
3. The DCC meeting 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 in the meeting.
4. Based on the relative performance, each student is awarded a final letter grade for each of

the course. The letter grades and the grade points are as follows:

Grade	Grade Points (GP)
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)
SA	0 (Satisfactory, only for Pass/Fail Courses)
US	0 (Unsatisfactory, only for Pass/Fail Courses)

5. A student is considered to have credited a course or earned credits for a course only if he/she secures a grade other than F, W or I for that course.
6. A 'W' grade is treated as equivalent to 'F' for the purpose of CGPA calculation, and the following criteria, in addition to poor attendance (less than 80%) may be considered for the award of 'W' grade:
 - (i) Badly incomplete in-semester record (due to non-medical reasons),
 - (ii) Misconduct or use of unfair means in the examination, assignments, etc., or a behaviour serious enough to call for disciplinary action in the opinion of the Faculty advisor or teacher of a course.

In such cases, award of 'W' grade is taken up as an immediate action. Further, the case may be referred to the DC for consideration of further punishment depending on the seriousness of the offence.

M.Tech

Assessment Procedure

The DCC will decide from time to time the system of tests and examinations in each subject in consultation with AAC and inform the same to the Senate.

Evaluation Method

For lecture or lecture cum practical courses, a minimum of two tests will be conducted. The details of weightage of marks for the tests and assignments will be decided by the course coordinator in consultation with the DCC. These details will be announced to the students in the beginning of the semester. The AAC should be informed of these details in the beginning of the

semester. For laboratory practical, the teacher of the laboratory decides the number of tests. For all Lecture based courses, mid-term exam (25 %) and internal evaluation through class tests/assignments/quizzes (25 %), together carry 50% weightage and the end-term examination carries 50% weightage. For laboratory practical, end-term exam is not mandatory. If end-term exam is planned for a practical course, it should be normally conducted before the last instructional day and the weightage for it should not exceed 40%. For lecture cum practical courses assessment procedure is to be a properly weighted combination of those for lecture and those for practical component

Examination

There will be one mid-term examination of one and half hours duration on each lecture based or lecture cum practical course. There will be one end-term examination of three hours 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 with the due approval of AAC. Those, who miss mid-term and/or end-term exam should apply to the Head of the concerned department through the faculty advisor within five days after the completion of exam, giving the reasons for absence. Applications received after this period will not be entertained. All makeup exams for mid-term test 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 the 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 be allowed to appear for another make-up exam. However, in exceptional cases of prolonged illness resulting in the student missing a make-up exam, the Chairman of the Senate may permit the student to appear for a second make-up exam

M.Tech. Dissertation Evaluation

The M.Tech. Dissertation work is done in the last year of the postgraduate programme and is divided into two stages. The first stage is done in odd semester and the second stage is done in the subsequent even semester. Through the Dissertation work, the student has to exhibit depth in terms of engineering or technological innovation or research ability to solve the contemporary problem. On completion of the work, the student will submit a project report that will be evaluated by duly appointed examiners. It is proposed to have at least one expert as part of the examining committee from external Institute/organisation. The panel of examiners should be finalized by HoD in consultation with all faculty members of the concerned department. The

Dissertation evaluation will be based on combining the reports of internal examiners and external expert(s). Suitable weightage must be given to the qualitative and quantitative results of the project and evaluated by a viva voce 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 attendance of all the students should be communicated by the teachers of the courses. Students may seek clarification regarding grades etc., from the concerned Course coordinator, 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

Grade	Grade Points	Description of Grades
S	10	Outstanding
A	9	Excellent
B	8	Very Good
C	7	Good
D	6	Average
P	5	Below Average
F	0	Failure
W	0	Failure due to insufficient attendance
I	0	Actual grade to be awarded later

1. 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.
2. A 'W' grade is treated as equivalent to 'F' for the purpose of CGPA calculation, and the following criteria, in addition to poor attendance (less than 80%) may be considered for the award of 'W' grade:
 - (i) Badly incomplete in-semester record (due to non-medical reasons),
 - (ii) Misconduct or use of unfair means in the examination, assignments, etc., or a behaviour serious enough to call for disciplinary action in the opinion of the Faculty advisor or teacher of a course.

In such cases, award of 'W' grade is taken up as an immediate action. Further, the case may be referred to the DC for consideration of further punishment depending on the seriousness of the offence.

Ph.D

Constitution of DRC and progress during Ph.D

1. Candidate will enrol for coursework, as self-study/lectures and complete 12 credits achieving a letter grade of at least 7.0 grade points in each course. The choice of coursework is based on decision of the candidate's supervisor and DRC and this is recommended to help the candidate with preparatory work for research.
2. Candidate's DRC will comprise of a Chairperson, Head of Dept. (HoD) or his/her nominee, usually of the rank of Professor preferably from the same department, Internal Expert - Area expert from the Department, External Expert - Area expert from another department, and the Supervisor(s). The same should be informed to AAC.

Reconstitution of DRC member(s) with internal/external expert is subjected to approval from AAC. In such a case the outgoing internal/external expert is not responsible for the candidates' further progress.

3. Candidate will have to appear for a Comprehensive Examination, within two years of registration of Ph.D., based on the courses approved by DRC. He/she will have to demonstrate satisfactory progress/performance in written examination or course viva-voce and must fulfil the departmental norms in force for evaluation of course works from time to time.
4. Candidate will present a research seminar as a part of the comprehensive examination to the DRC. In this presentation, he/she should identify his/her problem statement, thesis title and methodologies in the chosen problem area(s). He/she should have preferably published at least one paper in a reputed conference. The DRC may then approve and recommend him/her for "Confirmation of Registration" of Ph.D. along with confirming the area/title of his/her proposed work by a written communication to AAC. A maximum of two chances will be given for completion of comprehensive examination within the stipulated time. In case, the student is not able to clear Comprehensive Examination in the first attempt, one last chance will be given for completion, within the stipulated 2 years' time.
5. Candidate will give research progress seminar every semester before the DRC. His/her progress will be monitored with recommendations that must be effectively incorporated by him/her. Candidate will be evaluated for his/her research progress through the seminar conducted in each semester, which will further be graded as- "SA" for satisfactory and "US" for unsatisfactory. The DRC sends these report/comments to the AAC at the end of every semester. The DRC has to maintain adequate record of the candidate's progress and communicate the same to AAC at the end of every year.
6. If a candidate gets "US" for the first time, the DRC warns the candidate and allows him/her to proceed with the research work. In case the candidate gets "US" grade second time, his/her case may be recommended by the DRC for termination of Ph.D. registration. The recommendation should be forwarded in the form of report to the AAC.
7. Based on the candidate's performance in comprehensive exam and his/her research

contributions; the DRC in consultation with AAC can recommend a candidate to submit his/her synopsis within three years from the date of registration of Ph.D.

8. Candidate may be allowed to present a pre-synopsis seminar and submit synopsis based on the recommendations of the DRC. A pre-synopsis seminar can be allowed if he/she has received reviews on at least one paper developed and communicated to a reputed peer reviewed journal (preferably, SCI journal). At least one journal paper should be accepted/published in peer reviewed journal (preferably, SCI journal) prior to synopsis seminar. A candidate may be allowed to repeat a pre-synopsis seminar based on the recommendations of the DRC. In case of approval of the research work presented in the synopsis, he/she must submit the thesis within three months of successfully presenting the pre-synopsis seminar.
9. DRC will identify a panel of minimum four examiners for the purpose of thesis evaluation and communicate the same to AAC. This panel will comprise of names of examiners from within and outside the country (four in each category). In each category, it is strongly recommended that the Examiners/Reviewers be chosen from reputed national and international institutions. Assignment of thesis examiners and the communication of reviews will be handled by the AAC.
10. The thesis defence will be decided based on the review reports received from the examiners. The review recommendations may fall into the following categories:
 - i) If both the reports are positive, then the viva-voce examination can be conducted.
 - ii) If one is positive and another suggests minor revision, the candidate may be asked to revise and send to the same reviewer provided the reviewer has asked to send it to him/her. If the reviewer has asked to revise and present in the viva-voce then the revisions should be incorporated and presented during the viva-voce. If one reviewer reports recommendation for strongly acceptance and any other reviewer rejects, then Director's decision is final in recommending for viva-voce.
 - iii) If one of the reviewers gives acceptance and other reviewer suggest major revisions with the suggestion to send back to him/her, the candidate should incorporate the comments and the revised thesis should be communicated. In case, the revised thesis also receives negative comments then the thesis can be sent to the third reviewer. If the revised thesis receives further negative comments, then Director's decision is final in recommending for viva-voce.
 - iv) If all the reviews are negative, the candidate should work and modify the thesis and re-submit the revised thesis.
11. Thesis defence and viva-voce examination of the Candidate will be open to all. The defence will be headed by Chairperson DRC and at least one external Examiner (preferably, one of the reviewers).

3.0 STAFF

3.1 Academic Staff

Department of Computer Science and Engineering

Sr No	Name	Designation
1	Dr. Damodar Reddy Edla	Asst. Prof.
2	Dr. Veena Thenkanidiyoor	Asst. Prof.
3	Dr. Purushothama B.R.	Asst. Prof.
4	Dr. Pravin Pawar	Asst. Prof.
5	Dr. Keshavamurthy B. N	Asst. Prof.
6	Dr. S Mini	Asst. Prof.
7	Dr. Pravati Swain	Asst. Prof.
8	Dr. Venkatanareshbabu Kuppili	Asst. Prof.
9	Dr. Modi Chirag Navinchandra	Asst. Prof.
10	Dr. B. Sharat Chandra Varma	Asst. Prof.

Department of Electrical and Electronics Engineering

Sr No	Name	Designation
1	Dr. Suresh Mikkili	Asst. Prof.
2	Dr. B. Venugopal Reddy	Asst. Prof.
3	Dr. Sree Raj E.S	Asst. Prof.
4	Dr. Amol Deodas Rahulkar	Asst. Prof.
5	Dr. C. Vyjayanthi	Asst. Prof.
6	Dr. Soumitra Das	Asst. Prof.
7	Ms. B. Santhi	Faculty on Contract

Department of Electronics and Communication Engineering

Sl No	Name	Designation
1	Dr. Lalit Kumar Jiwani	Asso. Prof.
2	Dr. Vasantha M. H. Rao	Asst. Prof.
3	Dr. T. Veerakumar	Asst. Prof.
4	Dr. Anirban Chatterjee	Asst. Prof.
5	Dr. Nithin Kumar Y. B	Asst. Prof.
6	Dr. Badri Narayan Subudhi	Asst. Prof.
7	Dr. Trilochan Panigrahi	Asst. Prof.

8	Dr. Ankit Dubey	Asst. Prof.
9	Dr. Shivnarayan Patidar	Asst. Prof.
10	Dr. Prashanth G. R.	Asst. Prof.
11	Dr. Lalat Indu Giri	Asst. Prof.
12	Dr. Pragati Patel	Asst. Prof.
13	Dr. E. Mallikarjun	Asst. Prof.

Department of Humanities and Sciences

Sr No	Name	Designation
1	Dr. Saidi Reddy Parne	Asst. Prof.
2	Dr. Velavan Kathirvelu	Asst. Prof.
3	Dr. Sarani Ghosal Mondal	Asst. Prof.
4	Dr. Ragoju Ravi	Asst. Prof.
5	Dr. Ravi Prasad K. J	Asst. Prof.
6	Dr. Shangerganesh L.	Asst. Prof.
7	Mr. Vangara Venkata Subbarao	Faculty on Contract

3.2 Non-Academic Staff

Sr No	Name	Designation
1	Mr. Amit Kabiraj	Asst. Registrar
2	Dr. Prasanth P.	Sports Officer
3	Mr. Munesh Kumar	Asst. Librarian
4	Dr. Mamata Borkar	Medical Officer on Contract
5	Ms. Merin Thomas	Staff Nurse
6	Mr. Digamber D. Mayekar	Accountant
7	Mr. Sudharsan S	Technical Asst.
8	Mr. Venkata Raman Grandhi	Technical Asst.(System)
9	Mr. Rameez Rahman Kadavath	Technical Asst.
10	Mr. Manjunath S Koparde	Technical Asst.
11	Mr. Vijeesh V P	Technical Asst.
12	Ms. Suvida Bipeen Madkaiker	Technical Asst.
13	Mr. Patitapaban Pradhan	Technical Asst.
14	Mr. Pinaki Chatterjee	Technical Asst.
15	Mr. Digambar Ramchandra Dhengole	Technician
16	Mr. Srinath Revoori	Technician
17	Mr. Nijin M.	Technician
18	Mr. Carlton Ignatius Sequeira	Technician
19	Mr. Anuj Kumar Parauha	Technician
20	Mr. Rohit Madhu Gawas	Technician
21	Mr. Shri Ram Kumawat	Technician
22	Ms. Swara S. Lotliker	Stenographer
23	Mr. Veera Gangadhar Reddy Kudumala	Technician/ Lab Asst
24	Ms. Sweta S. Jadhav	Junior Asst

25	Ms. Namrata Prajesh Sawant	Junior Asst
26	Mr. Karthikeyan M.	Junior Asst
27	Ms. Priyanka Dattanand Amadalli	Junior Asst
28	Ms. Tallulah Rodrigues	Junior Asst
29	Mr. Amit AjitNaik	Junior Asst
30	Mr. Anilkumar Shersinh Mistri	Junior Asst
31	Mr. Kanneboina Raj Kumar	Multi- Tasking
32	Mr. Arjun Singh	Multi- Tasking
33	Mr. Pritam Nageshkar	Multi- Tasking
34	Mr. Sandeep Jaishwar	Multi- Tasking
35	Ms. Dipti Gaude	Multi- Tasking
36	Ms. Asmita Ashok als. Prabhakar Naik	Multi- Tasking
37	Mr. B. V Raghu	Security In charge on Contract
38	Ms. K. P. Reshma	Counselor on Contract

4.0 ACADEMIC PROGRAMMES

4.1 Course-wise Enrolment

Course-wise enrolment Undergraduate Courses (B. Tech)

	Total No. of Students			Out of total no. of Students														
				SC			ST			OBC			General			DASA		
B (Boys) G (Girls)	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
2015-2016	68	10	78	09	03	12	07	0	07	17	03	20	35	04	39	5	0	5

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

4.2 Total number of Students in 2015-16

Under Graduate Students: 320

Course-wise enrolment Postgraduate Courses (M. Tech)

	Total No. of Students			Out of total no. of Students														
				SC			ST			OBC			General			Sponsored		
B (Boys) G (Girls)	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
2015 - 2016	33	14	47	04	02	06	01	02	03	08	05	13	20	05	25	0	0	0

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

Total number of Students in 2015-16

Postgraduate Graduate Students: 94

Course-wise enrolment Doctorate Courses (Ph.D.)

	Total No. of Students			Out of total no. of Students														
				SC			ST			OBC			General			Others		
B (Boys) G (Girls)	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
2015-2016	08	03	11	-	-	-	-	-	-	01	01	02	07	02	09	-	-	-

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

Total number of Students in 2015-16 Ph.D. Students: 17

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 Former Scientific Advisor at RakshaMantri Bangalore	:	Chairman
Prof. (Dr.) G.R.C. Reddy Director, National Institute of Technology Goa	:	Ex-Officio Member
Shri. Rajesh Singh Director, NIT's Department of Higher Education, MHRD New Delhi- 110 001	:	Member
Shri. Raju Srinivasan Director, NIT's Department of Higher Education, MHRD New Delhi- 110 001	:	Member
Smt. Amita Sharma Addl. Secretary Department of Higher Education MHRD, New Delhi – 110 001	:	Member
Shri Arun Kumar Under Secretary Department of Higher Education, MHRD New Delhi- 110 001	:	Member
Shri Yogendra Tripathi JS &FA, Department of Higher Education MHRD, New Delhi – 110 001	:	Member
Dr. Lillykutty Jacob Department of Electronics and communication Engineering National Institute of Technology Calicut, kerala	:	Member
Dr. Kota Harinarayana, former Vice-Chancellor University of Hyderabad	:	Member
Dr. Renee M. Borges Professor, IISc Bangalore	:	Member

Dr. M. D. Anaul Kabir School of Bio-Technology, National Institute of Technology Calicut, Kerala	:	Member
Shri Anil Kher MD, Micro Interconnexion Pvt. Ltd, D-3, 12-A, Corlim Industrial Estate, Goa	:	Member
Mr. Amit Kabiraj Assistant Registrar, NIT Goa [In place of Registrar]	:	Secretary

5.2 Finance Committee

Dr. V. K. Aatre Former Scientific Advisor at Raksha Mantri Bangalore	:	Chairman
Prof. (Dr.) G.R.C. Reddy Director, National Institute of Technology Goa	:	Ex-Officio Member
Shri. Rajesh Singh Director, NITs' Department of Higher Education, MHRD New Delhi- 110 001	:	Member
Shri. Raju Srinivasan Director, NITs' Department of Higher Education, MHRD New Delhi- 110 001	:	Member
Smt. Amita Sharma Addl. Secretary Department of Higher Education MHRD, New Delhi – 110 001	:	Member
Shri Sanjeev Sharma Dir. (Policy) Department of Higher Education MHRD, New Delhi – 110 001	:	Member
Shri Yogendra Tripathi JS & FA, Department of Higher Education MHRD, New Delhi – 110 001	:	Member
Shri Arun Kumar Under Secretary Department of Higher Education, MHRD New Delhi- 110 001	:	Member

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

5.3 Senate

Prof. G.R.C Reddy, : Chairman
 [Director, NIT Goa]

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

Dr. Vasantha M.H, Assistant Professor, NIT Goa : Member
 [HoD, ECE]

Dr. Sreeraj E.S, Assistant Professor, NIT Goa : Member
 [HoD, EEE]

Dr. Velavan Kathervelu, Assistant Professor, NIT Goa : Member
 [HoD, HSS]

Prof. D Thukaram : External Member
 Prof. IISc Bangalore

Prof. Lillykutty Jacob : External Member
 Prof. NIT Calicut

Prof. Sanjiva Prasad : External Member
 Prof. IIT Delhi

Prof. P. Pradeep : Additional Member
 Prof. NIT Calicut

Prof. Y. N Reddy : Additional Member
 Prof. NIT Warangal

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

5.4 Building and Works Committee

Prof. G.R.C Reddy, : Chairman (ex-officio)
 Director, NIT Goa

Shri Arun Kumar, : Member
 Under Secretary, Technical Education, MHRD
 [Special Invitee]

Shri Brijendra Kumar Kashyap, Section Officer, Finance Division, MHRD	:	Member
[Special Invitee] Prof. Lillykutty Jacob, Prof. Dept. of Electronics & Communication, NIT Calicut [Special Invitee]	:	Member
Prof. T.P Somasundaran, Prof. & Head of Civil Engg., NIT Calicut [In place of Dean Planning & Development]	:	Member
Mr. Pradeep Garg, Superintendent Engineer (Civil), CPWD, Goa	:	Member
Mr. Rishi Pal Saini, Assistant Engineer (Electrical), CPWD, Goa	:	Member
Mr. Amit Kabiraj, 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:

Sr. No.	Publication details	Faculty Member	Department
1)	<ul style="list-style-type: none"> • Abhijeet Sachdev, A. D. Dileep, and Veena Thenkanidiyoor, "Example Specific Density based Matching Kernel for Classification of Varying Length Patterns of Speech using SVMs", in Proceedings of 22nd International Conference on Neural Information Processing (ICONIP 2015), November 09-12, Istanbul, Turkey NOV 2015 • Abhijeet Sachdev, A. D. Dileep, and Veena Thenkanidiyoor, "A Family of Example - Specific Density based Matching Kernels for Classification of Varying Length Patterns of Speech using SVMs", in Proceedings of 2nd International Conference on Soft Computing and Machine Intelligence (ISCMi 2015), November 23-24, Hong Kong [WON THE BEST PAPER AWARD] NOV 2015 • Abhijeet Sachdev, Veena Thenkanidiyoor, Dileep A. D. and C. Chandra Sekhar "Example -Specific Density based Matching Kernels for Scene Classification using Support Vector Machines", in Proceedings of 14th IEEE International Conference on Machine Learning and Applications (ICMLA 2015), December 09 - 11, Miami, Florida, USA DEC 2015 	Dr. Veena T	CSE
2)	<ul style="list-style-type: none"> • K. Acha and C. Modi, "Virtualization Layer Security Challenges and Intrusion Detection/Prevention Systems in Cloud Computing: A Comprehensive Review," Journal of Super Computing, Springer, 2016. • K. Acha and C. Modi, "An Efficient Security Framework to Detect Intrusions At Virtual Network Layer of Cloud Computing", Innovation in Clouds, Internet and Networks, 2016, Paris, France. (Presented) 	Dr. Chirag Modi	CSE
	<ul style="list-style-type: none"> • C. Modi and R. Patil, "A Novel Approach to Detect Extraneous Network Traffic from the Compromised Router", International Conference on Recent Advances in Information Technology (RAIT-2016), IEEE, India. (Presented by R. Patil) • C. N. Modi, A. R. Patil and N. Doshi, "An Efficient Approach for Privacy Preserving Distributed Mining of Association Rules in Unsecured Environment," Fourth International Conference on Advances in Computing, Communications and Informatics (ICACCI-2015), IEEE, 2015, pp. 753-758. (Presented) 		

	<ul style="list-style-type: none"> R. Patil and C. N. Modi, "Developing an Efficient Virtual Network Monitoring System to Detect Intrusions," 9th Doctoral thesis conference, Hyderabad, 2016. (Presented by R. Patil) C. N. Modi and A. Patil, Privacy Preserving Association Rule Mining in Horizontally Partitioned Databases without involving Trusted Third Party (TTP)", The book Proceedings of 3rd International Conference on Advanced Computing, Networking and Informatics, Springer, 2015, pp. 549-555. C. N. Modi, "Network Intrusion Detection in Cloud Computing" Emerging Research in Computing, Information, Communication and Applications-ERCICA, Springer, 2015, pp. 289-296. 		
3)	<ul style="list-style-type: none"> Kuppili V, Kumar D, Kudchadker GP, Arora A. Variance based product recommendation using clustering and sentiment analysis. In 2015 IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions (WCI) 2015 Dec 14 (pp. 1-5). IIT Kanpur, IEEE. Damodar Reddy E, Venkatanareshbabu K, Ramesh Dharavath, and SreedharKurumilla "Load balancing in Wireless Sensor Networks by Optimal Placement of Base Stations using kd-Tree" Int'l Journal of Computing, Communications & Instrumentation Engg. (IJCCIE) Vol. 3, Issue 1 (2016) 	Dr.Venkatanare shbabu Kuppili	CSE
4)	<ul style="list-style-type: none"> S. Mini, A. K. Pujari, "On the Phase Transition Analysis of k/Q-coverage Problem in Wireless Sensor Networks", 14th International Conference on Information Technology, IEEE, Bhubaneswar, 21-23 Dec, 2015 Pankaj Singh, S. Mini, KetanSabale, "Particle Swarm Optimization for the Deployment of Directional Sensors", International Conference on Swarm, Evolutionary and Memetic Computing, Springer LNCS, Hyderabad, Dec. 2015 	Dr. S Mini	CSE
5)	<p>Sponsored Projects: "Enhanced Automation of 3 Axis CNC Milling Machine using Computer Vision and Artificial Intelligence", Department of Science and Technology, Government of India.</p>	Dr Pravati Swain	CSE
6)	<ul style="list-style-type: none"> Damodar Reddy Edla, Vishnu Gondlekar and VivekGauns, HK-Means: A Heuristic Approach to Initialize and Estimate the Number of Clusters in Biological Data, Act a Physica Polonica A (Accepted) 2016. Damodar Reddy Edla, Sreedhar Kumumilla, Application of Neural Network for Routing in Mobile Wireless Sensor Network: A Case Study, Tata Mcgraw Hill, (Accepted) 2016. Damodar Reddy Edla, Vishnu Gondlekar and VivekGauns, "HK-Means: A Heuristic Approach to Initialize and Estimate the Number of Clusters 	Dr.Damodar Reddy Edla	CSE

	<p>in K-Means”, International Conference on Computational and Experimental Science and Engineering (ICCESEN-2015), Antalya-Turkey.</p> <ul style="list-style-type: none"> • Damodar Reddy Edla, Pravin Pawar, Keshavamurthy Bn and Chirag Modi, “Improved K-means clustering algorithm using Voronoi diagram.”, International Conference on Computational and Experimental Science and Engineering (ICCESEN-2015), Antalya-Turkey. • Damodar Reddy Edla, Venkatanaresbhabu K, Ramesh Dharavath, and Sridhar K, “Load balancing in Wireless Sensor Networks by Optimal Placement of Base Stations using kd-Tree”, 2016 Annual International Conference on Innovative Technologies and Advanced Computing (ICIAC-16), London, 2016. 		
7)	<ul style="list-style-type: none"> • B. R. Purushothama, B. B. Amberker: Provably secure public key cryptosystem with limited number of encryptions for authorised sharing of outsourced data. International Journal of Cloud Computing 4(4): 317-334 (2015) • Ronak Vyas, Alok Singh, Jolly Singh, GunjanSoni, B. R. Purushothama: Design of an Efficient Verification Scheme for Correctness of Outsourced Computations in Cloud Computing. Third International Symposium Security in Computing and Communications (SSCC 2015) :66-77 , Kochi, India (2015) • B. R. Purushothama, B. B. Amberker: Polynomial Construction and Non-tree Based Efficient Secure Group Key Management Scheme. Third International Symposium Security in Computing and Communications (SSCC 2015) :- 122 133, Kochi, India (2015) • NishatKoti, EshaKeni, Kritika, B. R. Purushothama: Non tree Based Group Key Management Scheme With Constant Rekeying and Storage Cost. Proceedings of the Third ACM International Symposium on Women in Computing and Informatics (WCI 2015) ;564 572 (2015) • Purushothama B. R., Nishat Koti: Security analysis of tree and non-tree based group key management schemes under strong active outsider attack model. Fourth International Conference on Advances in Computing, Communications and Informatics, ICACCI 2015, Kochi, India: 1825-1829 (2015) • B. R. Purushothama, NishatKoti: On the Security of an Efficient Group Key Agreement Scheme for MANETs. IACR Cryptology ePrint Archive 2015: 177 (2015) 	Dr. Purushothama B.R	CSE
8)	<p><u>Journals:</u> Jayanand P. Gawande, Amol D. Rahulkar, and Raghunath S. Holambe, "Design of New Class of Regular Biorthogonal Wavelet Filter Banks Using Generalized and Hybrid Lifting Structures", Springer, Signal, Image and Video Processing, Vol. 9, Issue 1, pp.265-273 , DEC 2015. (Impact factor:1.43)</p>	Dr.AmolRahulkar	EEE

9)	<p><u>Books Authored:</u></p> <ul style="list-style-type: none"> Suresh Mikkili and Anupkumar Panda, “Power Quality Issues: Current Harmonics”, CRC Press, Taylor & Francis Group, August , 2015, ISBN 9781498729628. <p><u>Journals:</u></p> <ul style="list-style-type: none"> Suresh Mikkili, Anup Kumar Panda and JayanthiPrattipati “Review of RT-LAB and steps involved for implementation of a Simulink Model from MATLAB to REAL-TIME” Journal of the Institution of Engineers (India): Series B _ (Springer), Volume 96, Issue 2, pp 179 196, June 2015. Suresh Mikkili, and A. K. Panda, “Power Quality Issues and Solutions – Review,” International Journal of Emerging Electric Power Systems: be press (Berkeley Electronics press), Vol. 16, Issue 4, Pages 357–384, August 2015. 	Dr. Suresh Mikkili	EEE
10)	<p><u>Research papers published in International Conferences</u></p> <p>Ch. L. S. Srinivas, and Sreeraj E S., “A Maximum Power Point Tracking Technique Based on Ripple Correlation Control for Single-Phase Photovoltaic System with Fuzzy Logic Controller,” in <i>Proc. Int. Conf. Advances in Energy Research</i> 2015, Bombay, Dec. 15-17, 2015. (This paper has been selected to Energy Procedia for publishing.)</p> <p><u>Research papers published in National Conferences</u></p> <p>Satish R, Ch L S Srinivas, and Sreeraj E S., “A Maximum Power Point Tracking Technique Based on Ripple Correlation Control for Single-Phase Single-Stage Grid Connected Photovoltaic System,” in <i>Proc. 7th Nat. Power Electron. Conf.</i>, Bombay, India, Dec. 21-23, 2015, pp. 135 140.(A modified version is submitted to Sadhana- Academy Proceedings in Engineering Sciences for Review)</p>	Dr.Sree Raj E.S	EEE
11)	<p><u>Conference Publications:</u></p> <p>Baluguri Ravi Teja and C. Vyjayanthi, “The PMU-Based System Observability for Fault Detection and Isolation for a Distribution Network”, International Conference and Exhibition on Smart Grids and Smart cities, March 2016.</p>	Dr. C. Vyjayanthi	EEE
12)	<ul style="list-style-type: none"> Priyanka Tyagia, RituSrivastavab, Lalat Indu Giri, Suneet Tuli, and Changhee Lee, ”Degradation of organic light emitting diode: Heat related issues and solutions”, <i>Synthetic Metals</i> 216, 40, 2016. Anirudh Kumar Parag, LalatInduGiri, and RikmantraBasu, “Design and Construction of a Laser Switch Based Electrical Control Circuit”, IEEE 6th International Conference on Computers and Devices for Communication, Institute of Radio Physics and Electronics, University of Calcutta, 16 - 18 December 2015 (ORAL) LalatInduGiri, Krishnendu Chatterjee, and SuneetTuli , "Influence of chirp time-bandwidth on frequency modulated thermal wave imaging 	Dr.LalatInduGiri	ECE

	based materials characterization technique", Quantitative InfraRed Thermography Asian Conference (QIRT-ASIA 2015), Mahabalipuram, Chennai, India, 6-10 July 2015 (ORAL)		
13)	<ul style="list-style-type: none"> D. Mandal, A. Chatterjee, T. Mondal, A.K. Bhattacharjee, "Shaped beam synthesis of concentric ring array antenna using Differential Evolution Algorithm," <i>AEU - International Journal of Electronics and Communications</i>, Volume 69, Issue 7, July 2015, July 2015, Pages 1025-1031. (SCI Indexed). 	Dr. Anirban Chatterjee	ECE
14)	<p>Journal:</p> <ul style="list-style-type: none"> Dubey and R. K. Mallik, "PLC System Performance with AF Relaying," <i>IEEE Transactions on Communications</i>, vol. 63, no. 6, pp. 2337-2345, April 2015. 	Dr. Ankit Dubey	ECE
15)	<ul style="list-style-type: none"> T. Veerakumar; R. P. K. Jagannath, B. N. Subudhi, and S. Esakkirajan, "Impulse Noise Removal Using Adaptive Radial Basis Function Interpolation", <i>Circuits, Systems & Signal Processing</i>, (DOI: 10.1007/s00034 016-0352-1). (IF: 1.118) B. N. Subudhi, S. Ghosh, S. C. K. Shiu and A. Ghosh, "Statistical feature bag based background subtraction for local change detection", <i>Information Sciences</i>, vo. 36, pp. 31-47, 2016. (IF: 4.038) 	Dr. Veerakumar T	ECE
	<ul style="list-style-type: none"> B. N. Subudhi, S. Ghosh, S-B. Cho and A. Ghosh, "Integration of Fuzzy Markov random field and local information for separation of moving objects and shadows", <i>Information Sciences</i>, vol. 331, pp. 15-31, 2016. (IF: 4.038) 		
16)	<ul style="list-style-type: none"> S. Ahish, D. Sharma, M. H. Vasantha, and Nithin Kumar Y.B., "Device and Circuit level performance analysis Hetero Junction Double Gate Tunnel Field Transistor"; has been accepted at <i>Journal of Superlattices and Microstructures</i>, Elsevier. S. Ahish, D. Sharma, M. H. Vasantha, and Nithin Kumar Y.B. "DC and Analog/RF performance analysis of Hetero Junction Double Gate Tunnel Field Effect Transistor" has been accepted at <i>IEEE IET Micro and Nano Letters</i>. S. Ahish, M. H. Vasantha, Nithin Kumar Y.B. and Dheeraj Sharma "Effect of Drain Doping and Temperature Variation on the Performance of Heterojunction Double Gate Tunnel Field Effect Transistor from a 2D ATLAS Simulation" in <i>Journal of Nano electronics and Optoelectronics</i>. Manikanta Reddy, Vasantha.M.H., Nithin Kumar Y.B., Dheeraj Sharma, "Low Power High Speed Error Tolerant Multiplier using Approximate Adders ", presented in <i>V DAT 2015 Ahmedabad (IEEE)</i>. Ahish S, Vasantha.M.H., Nithin Kumar Y.B., Dheeraj Sharma, "Design of High performance Multiply Accumulate Unit ", presented at <i>IACC 2015 Bangalore (IEEE)</i>. 	Dr. Nithin Kumar Y.B.	ECE

	<ul style="list-style-type: none"> Sithara R., Arjun TV, Pranose E, Sumesh KP, Vasantha.M.H.,Nithin Kumar Y.B., DheerajSharma"Verilog implementation of Adaptive Compression of RGB images at Low bit rates ", accepted in PrimeAsia 2015 Hyderabad (IEEE). Rhushikesh Joshi, Arjun TV, Vasantha.M.H.,Nithin Kumar Y.B., DheerajSharma,"Performance Comparison of GaN and Silicon Junction less Transistor", accepted in IEEE IWPSD 2015 Bangalore. 		
	<ul style="list-style-type: none"> Ahish S, Vasantha.M.H.,Nithin Kumar Y.B., DheerajSharma,"Analog RF performance of heterojunction double gate TFET", accepted in IEEE IWPSD 2015 Bangalore. Venkat Reddy, SitharaR,Vasantha.M.H., Nithin Kumar Y.B. "Characterization of a Novel Low Leakage Power and Area Efficient 7T SRAM Cell", accepted in IEEE VLSI Conference 2016, Kolkata. Naresh Kumar Reddy, Vasantha.M.H.,Nithin Kumar Y.B. and Dheeraj Sharma, "Communication Energy Constrained Spare Core on NoC," 6th IEEE International Conference on Computing, Communication and Network Topologies, June 2015. B. Naresh Kumar Reddy, Vasantha.M.H., Nithin Kumar Y.B. and Dheeraj Sharma, "A Fine Grained Position for Modular Core on NoC," IEEE International Conference on Computer, Communication and Control, Sep 2015. M. Aditya, Vasantha.M.H. Nithin Kumar Y.B. and Dheeraj Sharma, "Reversible Full/Half Adder with Optimum Power Dissipation," accepted in IEEE ISCO 2016 Coimbatore. Ahish S, Vasantha.M.H.Nithin Kumar Y.B. , Dheeraj Sharma, "Performance Enhancement of Novel InAs/Si Hetero Double-Gate Tunnel FET Using Gaussian Doping" IEEE Transactions on Electron Devices, vol.63, no.1, pp.288 295, Jan. 2016. 		
17)	<ul style="list-style-type: none"> T. Panigrahi, S. Roula, and H. Gantayat, "Application of Comprehensive Learning Particle Swarm Optimization Algorithm for Maximum Likelihood DOA Estimation in Wireless Sensor Networks," <i>International Journal of Swarm Intelligence</i>, in press, 2016. <p>Conferences Publication:</p> <ul style="list-style-type: none"> Meera Nayak, T. Panigrahi and R Sharma, "Distributed Estimation using Multi hop Adaptive Diffusion in Sparse Wireless Sensor Networks" in the ICMOCE 2015 at IIT Bhubaneswar, December 18-20, 2015. 	Dr.TrilochanPanigrahi	ECE

	<ul style="list-style-type: none"> • R. R. Panda, B. S. Gouda, D. Patro, and T. Panigrahi, "Optimal path finding algorithm using neighbor position in a Wireless Ad Hoc Network," in <i>IEEE International Conference on Computer, Communication and Control (IC4)</i>, at Indore, MP, India, September 10-12, 2015. • S. Roula and T. Panigrahi, "Direction of Arrival Estimation Using Robust MUSIC Algorithm in Wireless Sensor Networks," in <i>International Conference on Advances in Applied Engineering and Technology - 2015 (ICAAET'15)</i>, held at Syed Ammal Engineering College during May 14-16, 2015 in Ramanathapuram, Tamilnadu, India. 		
18)	<ul style="list-style-type: none"> • S. Ahish, D. Sharma, M. H. Vasantha and Y. B. N. Kumar, "Device and Circuit level performance analysis Hetero Junction Double Gate Tunnel Field Transistor"; has been accepted at Journal of Superlattices and Microstructures, Elsevier. • S. Ahish, D. Sharma, M. H. Vasantha, and Y. B. N. Kumar "DC and Analog/RF performance analysis of Hetero Junction Double Gate Tunnel Field Effect Transistor" has been accepted at IEEE IET Micro and Nano Letters. • S. Ahish, M. H. Vasantha Y. B. N. Kumar and Dheeraj Sharma "Effect of Drain Doping and Temperature Variation on the Performance of Heterojunction Double Gate Tunnel Field Effect Transistor from a 2D ATLAS Simulation" in Journal of Nano electronics and Optoelectronics. • Manikanta Reddy, Vasantha.M.H., Nithin Kumar Y.B., Dheeraj Sharma, " Low Power High Speed Error Tolerant Multiplier using Approximate Adders ", presented in VDAT 2015 Ahmedabad (IEEE). • AhishS,Vasantha.M.H., Nithin Kumar Y.B. , Dheeraj Sharma," Design of High performance Multiply Accumulate Unit ", presented at IACC 2015 Bangalore (IEEE). • Sithara R., Arjun TV, Pranose E, Sumesh KP, Vasantha.M.H.,Nithin Kumar Y.B., DheerajSharma"Verilog implementation of Adaptive Compression of RGB images at Low bit rates ", accepted in PrimeAsia 2015 Hyderabad (IEEE). • Rhushikesh Joshi, Arjun TV, Vasantha.M.H.,Nithin Kumar Y.B., DheerajSharma,"Performance Comparison of GaN and Silicon Junction less Transistor", accepted in IEEE IWPSD 2015 Bangalore. • Ahish S, Vasantha.M.H. ,Nithin Kumar Y.B., DheerajSharma,"Analog RF performance of heterojunction double gate TFET", accepted in IEEE IWPSD 2015 Bangalore. • Venkat Reddy, SitharaR,Vasantha.M.H., Nithin Kumar Y.B. "Characterization of a Novel Low Leakage Power and Area Efficient 7T SRAM Cell", accepted in IEEE VLSI Conference 2016, Kolkata. 	Dr.Vasantha M.H	ECE

	<ul style="list-style-type: none"> • Naresh Kumar Reddy, Vasantha.M.H., Nithin Kumar Y.B. and Dheeraj Sharma, “Communication Energy Constrained Spare Core on NoC,” 6th IEEE International Conference on Computing, Communication and Network Topologies, June 2015. • B. Naresh Kumar Reddy Vasantha.M.H., Nithin Kumar Y.B. and Dheeraj Sharma, “A Fine Grained Position for Modular Core on NoC,” IEEE International Conference on Computer, Communication and Control, Sep 2015. • M. Aditya, Vasantha.M.H. Nithin Kumar Y.B and Dheeraj Sharma, “Reversible Full/Half Adder with Optimum Power Dissipation,” accepted in IEEE ISCO 2016 Coimbatore. • Ahish S, Vasantha.M.H., Nithin Kumar Y.B., Dheeraj Sharma, “Performance Enhancement of Novel InAs/Si Hetero Double-Gate Tunnel FET Using Gaussian Doping” IEEE Transactions on Electron Devices, vol.63, no.1, pp.288-295, Jan. 2016. 		
19)	<ul style="list-style-type: none"> • T. Veerakumar; R. P. K. Jagannath, B. N. Subudhi, and S. Esakkirajan, "Impulse Noise Removal Using Adaptive Radial Basis Function Interpolation", Circuits, Systems & Signal Processing, (DOI: 10.1007/s00034 016-0352-1). (IF: 1.118) • B. N. Subudhi, S. Ghosh, S. C. K. Shiu and A. Ghosh, "Statistical feature bag based background subtraction for local change detection", Information Sciences, vo. 36, pp. -31 47, 2016. (IF: 4.038) • B. N. Subudhi, S. Ghosh, S-B. Cho and A. Ghosh, "Integration of Fuzzy Markov random field and local information for separation of moving objects and shadows", Information Sciences, vol. 331, pp. 15-31, 2016. (IF: 4.038) 	Dr.Badri Narayan Subudhi	ECE
20)	<ul style="list-style-type: none"> • E. Mallikarjun and A. Bhattacharya, “Performance evaluation of linear sampling method for mixed boundary objects in the half-space scenario,” Proceedings of Advanced Electromagnetics Conference, Paper ID: 344 , July 26-28, Spain, 2016. 	Dr. E. Mallikarjun	ECE
21)	<ul style="list-style-type: none"> • A. Gurusamy, L. Shangerganesh and K. Balachandran, Blow-up of solutions of Non linear parabolic system with variable exponents, Nonlinear Functional Analysis and Applications (Accepted). 	Dr. L Shangerganesh	H&S
22)	<ul style="list-style-type: none"> • I.V.Anudeep Kumar Reddy, P Saidi Reddy, G R C Reddy, R.L.N.Sai Prasad, U. Tiwari, “Measurement of High and Low currents using single Bragg grating for industrial applications” Asian Journal of Physics, Vol.24, No. 10, pp. 1499-1504, 2015 • Chinmayee V PrabhuDessai, I V Anudeep Kumar Reddy, Saidi Reddy Parne, G R C Reddy, “Tunable laser source based on Storage Device using Bragg Grating”, Proc. Of SPIE, Vol. 9632, 963218, 2015 	Dr.P Saidi Reddy	H & S

23.	<ul style="list-style-type: none"> • Book Chapter: “Importance of Case Studies and Simulation Activities in Outcome Based Education”, pub by Authors Press, New Delhi, in an edited book entitled Outcome based Education: Towards a Pedagogic Shift. Eds Dhishna Pannikot and Bijuna C Mohan ISBN:978-93-5207-321-4, pp 58-68 • Conference: Presented paper at IAFOR (Japan) on 27th March 2016 on Dostoevsky’s Crime and Punishment. (Virtual). The paper got published in the journal of IAFOR. • Invited Lecture: Invited as a resource person by the Dept of English, Mysore University to speak about Sri Aurobindo’s Philosophy in April, 2016 	Dr.Sarani Ghosa I Mondal	H & S
-----	--	-----------------------------	-------

7.2 Paper Presented in Seminars

Sr. No.	Papers Presented	Faculty Member	Department
1)	<ul style="list-style-type: none"> • K. Acha and C. Modi, "An Efficient Security Framework to Detect Intrusions At Virtual Network Layer of Cloud Computing", Innovation in Clouds, Internet and Networks, 2016, Paris, France. (Presented) • C. N. Modi, A. R. Patil and N. Doshi, " An Efficient Approach for Privacy Preserving Distributed Mining of Association Rules in Unsecured Environment," Fourth International Conference on Advances in Computing, Communications and Informatics (ICACCI-2015), IEEE, 2015, pp. 753-758. (Presented) 	Dr. Chirag Modi	CSE

7.3 Workshops Conducted/Participated/attended

Sr. No.	Workshop Details	Faculty Member	Department
1)	<ul style="list-style-type: none"> • Workshop on Machine Learning for Medical Image Analysis (WMLMIA 2015) held at IIT Mandi, Mandi, Himachal Pradesh, June 24-28, 2015 • Winter School on Speech and Audio Processing (WiSSAP-2016): Speech Prosody, SSN College of Engineering, Chennai, January 08-11, 2016 	Dr. Veena T	CSE
2)	<ul style="list-style-type: none"> • STTP on Data Mining: Research Challenges and Innovations at NIT Goa, 2015 (Conducted) • STTP on Privacy Preserving Data Mining, NIT Surat, 2015 (Attended) • National Workshop on How to Write Research Project Proposal, NIT Goa, 2015 (Attended) 	Dr. Chirag Modi	CSE
3)	<ul style="list-style-type: none"> • Co-Coordinator and Resource person for Short Term Training Program on “Data Mining: Research Challenges & Innovations” organized by Department of Computer Science & Engineering, NITG, Goa during July 6-9, 2015. 	Dr. Keshavamurthy B.N.	CSE

	<ul style="list-style-type: none"> Delivered Technical Talk at TEQIP-II Sponsored Five-Days STTP on Privacy Preserving Data Mining (PPDM) on “Privacy Preserving Schemes for Distributed Stream Data Mining,” organized by Department of Computer Engineering, SVNIT, Surat during May 25-29, 2015. Delivered Technical Talk on “Privacy Aware Distributed Mining” in RESEARCH WEEK-2015 workshop organized by Gujarat Technological University Chandkheda, Ahmedabad on April 10th, 2015. Attended One-day National Workshop on “How to Write Research Projects” organized by NIT Goa on 8th July, 2015. Attended One Week Faculty Development Programme on “Promoting Quality in Higher Technical Education” organized by ABV-Indian Institute of Information Technology and Management (I.I.I.T.M), Gwalior on 18th-22nd January, 2016. 		
4)	<ul style="list-style-type: none"> First national conference cum workshop on “Enhancing IT Education” during Jan 4-8, 2016 Second national conference cum workshop on “Enhancing IT Education” during July 25-30, 2016 	Dr.Venkatanare shbabu Kuppili	CSE
5)	<ul style="list-style-type: none"> National Workshop on "Cryptography, Applications and Foundations of Data Science", NIT Goa, Oct 26-Oct 30, 2015 Faculty Development Programme on “Promoting Quality in Higher Technical Education” ABV-IITM, Gwalior, 18-22 Jan, 2016 Two Day National Workshop on Patents and Intellectual Property Rights, NIT Goa, 4 5 March 2016 	Dr. S Mini	CSE
6)	<p><u>Workshop Conducted :</u></p> <ul style="list-style-type: none"> DST Sponsored Workshop on EMERGING TECHNOLOGIES IN MOBILE COMMUNICATIONS, (May 2- 7), 2016, NIT Goa, India. <p><u>Invited Workshop:</u></p> <ul style="list-style-type: none"> Talk on Formal Methods in Software Verification in Faculty Development Programme (FDP) on "SOFTWARE ENGINEERING" at NIT Goa, (April 1-6), 2016. Talk on Device to Device(D2D) communications with WiFi Direct in workshop on Emerging Technology in Mobile Communication, (May 2-7), 2016. Talk on Security issues in MANET and Verification of Security Protocols in first national workshop on Security and Privacy: Theory and Practice (SAP-TAP), (May 16-21), 2016 	Dr Pravati Swain	CSE
7)	<ul style="list-style-type: none"> Coordinator at Short Term Training Programme on Data Mining : Research Challenges & Innovations on 6-9 July,2015, NIT Goa Convener of National Workshop on "How to Write Research Projects held on 8 July, 2015, NIT Goa. 	Dr.Damodar Reddy Edla	CSE

	<ul style="list-style-type: none"> Co-coordinator of National Workshop on “Patents and Intellectual Property Rights” held on 4 & 5 March 2016. 		
8)	<p><u>Workshop Conducted:</u></p> <ul style="list-style-type: none"> Two Days National Workshop on “LaTeX for Technical Documentation”, 21st & 22nd August, 2015. Five Days National Workshop on “Cryptography, Applications and Foundations of Data Science”, 26-30 October, 2015. 	Dr.Purushotham a B.R	CSE
9)	<p><u>Talks Delivered in workshop (Faculty Development Programme):</u></p> <ul style="list-style-type: none"> Dr. Suresh Mikkili delivered a talk on “How to write a Scientific/Technical paper and Where to publish (SCI Journals and Conferences)” at Faculty Development Programme, organized by Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh on 26th August 2016 under TEQIP-II. 2. Dr. Suresh Mikkili delivered a talk on “Power Quality Issues and Solutions” at Faculty Development Programme, organized by Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh on 26th August 2016 under TEQIP-II. <p><u>Workshops/Conference/Short Term Courses organized :</u></p> <ul style="list-style-type: none"> Short-term Course on “Application of Power Electronics to Energy Systems” under NaMPET Phase-II (National Mission on Power Electronics Technology) organized by Dr. Suresh Mikkili (Convener) at National Institute of Technology Goa from 12th to 14th May 2016. 	Dr. Suresh Mikkili	EEE
10)	<p>(Global Initiative of Academic Network) sponsored by MHRD (Ministry of Human Resource Department), Gov. of India. The detail of the STC is given below.</p> <p>Name of the STC : Power Converters for Alternate Energy Sources Name of Foreign Faculty: Prof. A. K. S. Bhat, University of Victoria, Canada Date: 21st Mar. to 1st Apr. 2016 Place: NIT GOA</p>	Dr.Soumitra Das	EEE
11)	<p><u>Workshop Attended :</u> "Smart Micro Grids", during April 8-10, 2016 at IIT Kanpur.</p> <p><u>Training Attended :</u> "Embedded Systems & Robotics", June-15, 2016, Hyderabad.</p>	Dr. C. Vyjayanthi	EEE
12)	Conducted a workshop on STC on “Clean Energy System and Technology”, Department of Electronics	Dr.LalatInduGiri	ECE

	and Communication Engineering, National Institute of Technology Goa, 7 - 11 December, 2015		
13)	<ul style="list-style-type: none"> Workshop on “Patents and Intellectual Property Rights” on- 4 5 March 2016 at NIT Goa, Farmagudi, Ponda, Goa. Workshop on “”Enhancing Information Technology Education” 4 9 January 2016 NIT Goa, Farmagudi, Ponda, Goa. IEP on “System Level Design on Platform FPGAs” 7-9 December 2015 Department of CE, IIT-Delhi 	Dr.Shivnarayan Patidar	ECE
14)	<ul style="list-style-type: none"> Short term course on Clean Energy System and Technology, Dec. 7-11, 2015, NIT Goa, India. 	Dr. Ankit Dubey	ECE
15)	<p><u>Workshops conducted:-</u></p> <ul style="list-style-type: none"> One week STTP on Video and Image Analysis: Fundamentals and Advances, NIT Goa, India from 30th May to 4th June 2016 sponsored by Department of Science and Technology, India. Genesis of Robots, NIT Goa, India on 18th February 2016 sponsored by Robotics Club, NIT Goa <p><u>Workshop Attended:-</u></p> <ul style="list-style-type: none"> International Workshop on Remote Sensing Image Analysis hosted under India-Trento Program for Advanced Research (ITPAR) Phase III and supported by the Department of Science and Technology (DST), International Division, Government of India to be held on April-16 18, 2016 at Indian Institute of Technology Bombay (IITB).(Three days) “Antarctica Glacier/Sea Ice Motion Tracking using Soft Computing Techniques”, National Workshop on Evaluation of Research Projects for Planning XXXVI Indian Scientific Expedition to Antarctica, NCAOR Goa, June 9-10, 2016. 	Dr.Veerakumar T	ECE
16)	<ul style="list-style-type: none"> IEEE Circuits and Systems Society Outreach: Workshop on “High Performance Digital Signal Processing System Design and Implementation” at IIT Bhubaneswar, 16-17 Dec 2015. National Workshop on “How to Write Research Projects,” at National Institute of Technology Goa, 8th July 2015. 	Dr.TrilochanPannigrahi	ECE
17)	<ul style="list-style-type: none"> IEP on “System Level Design on Platform FPGAs” from 7 - 9 December 2015 organised at IIT Delhi 	Dr.Vasantha M.H	ECE
18)	<p><u>Workshops conducted:-</u></p> <ul style="list-style-type: none"> One week STTP on Video and Image Analysis: Fundamentals and Advances, NIT Goa, India from 30th May to 4th June 2016 at Department of Science and Technology, India. Genesis of Robots, NIT Goa, India on 18th February 2016 at Robotics Club, NIT Goa. <p><u>Workshop Attended:-</u></p> <ul style="list-style-type: none"> International Workshop on Remote Sensing Image Analysis (under ITPAR-III) at Indian Institute of Technology, Bombay from April 16-18th 2016. 36th Indian Scientific Expedition to Antarctica at NCAOR, Goa on June 9-10th 2016. 	Dr.Badri Narayan Subudhi	ECE

19)	<u>Workshops attended:</u> “National workshop on patents and intellectual property rights”, NIT Goa, March 4-5, Goa, India, 2016.	Dr. E Mallikarjun	ECE
20)	<u>Workshops/seminars conducted</u> <ul style="list-style-type: none"> International Year of Light -2015 Technical events from 5-6th September 2015. International conference on “Current Trends in Non-Classical Continuum Mechanics” As a local organizer from 14-15 December 2015. Young Sparks-2016 on 26 January 2016. Patents and Intellectual Property Right on 4 5 march 2016. <u>Workshops/seminars organized:</u> <ul style="list-style-type: none"> LASER Damage-2015 for 4 days- SPIE, Boulder, Colorado, USA 27-30 in September 2015. National workshop on “Orientation of Nodal officers on RastriyaAvishkarAbhiyan for 2 days at MHRD, New Delhi, India in November 2015. 	Dr.P Saidi Reddy	H & S
21)	<ul style="list-style-type: none"> Young Sparks-2016 in collaboration with SPIE student chapter on 26 January 2016 	Dr.VelavanKathirvelu	H & S

7.4 Conferences:

Sr. No.	<u>Conferences Attended/ Conducted</u>	Faculty Member	Department
1)	<ul style="list-style-type: none"> 19th Innovations in Clouds, Internet and Networks (ICIN), Paris (Attended) 4th International Conference on Advances in Computing, Communications & Informatics, Kochi, India (Attended) 	Dr. Chirag Modi	CSE
2)	Chaired Session at the Third National Conference on Modern Trends in Advanced Computing held at Goa College of Engineering, Farmagudi, Goa, on April 24-25, 2015.	Dr.Keshavamurthy B.N.	CSE
3)	<ul style="list-style-type: none"> First national conference cum workshop on “Enhancing IT Education” during Jan 4-8, 2016 Second national conference cum workshop on “Enhancing IT Education” during July 25-30, 2016 IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions (WCI) during Dec 14 17, 2015. 	Dr.Venkata Naresh babu Kuppili	CSE

4)	International Conference on Computing and Network Communications, IIITM-K, Kerala, Dec 16-19, 2015	Dr. S Mini	CSE
5)	Attended World Summit on Accreditation Conference (WOSA-2016), New Delhi.	Dr.Damodar Reddy Edla	CSE
6)	<p><u>Workshops, FDP and Conference Attended:</u></p> <ul style="list-style-type: none"> • Fourth International Conference on Advances in Computing, Communications and Informatics, Kochi, India. August 2015. • Third International Symposium Security in Computing and Communications, Kochi, India. August 2015. • Five Day Faculty Development Programme on “Information Security & Research Challenges (ISRC'16)” from 25 29 January 2016. 	Dr.Purushothama B.R	CSE
7)	MatamManjunath, B. Venugopal Reddy and G Avinash Reddy, "Optimized reconfigurable solar PV battery charger using relay switch matrix", National Power Electronics Conference (NPEC-2015), IIT Bombay, 21-23 DEC 2015.	Dr.Venugopal Reddy	EEE
8)	Pradeep Vejju, Arun George, and AmolRahulkar, “Comparative Study on the Computation of State Transition Matrix Using Lagrange’s Interpolation Formula and Cayley-Hamilton Theorem”, Proc. Of 10 th International Conference on Intelligent Systems and Control (ISCO-2016) ,pp.235-239, 7-8 Jan 2016.	Dr, Rahul Amolkar	EEE
9)	Attended 7th National Power Electronics Conference at IIT Bombay, India, Dec. 21 23, 2015	Dr.Sreeraj E.S	EEE
10)	<ul style="list-style-type: none"> • IEEE PES General Meeting 2015 at Denver, Colorado, USA. 	Dr. Ankit Dubey	ECE

7.5 Student Chapters

SPIE

The Society of Photo-Instrumentation Engineers, known as SPIE opened its Student Chapter at NIT Goa in 2012 with a goal to promote research and disseminate knowledge in the field of Optical Engineering at undergraduate level. The NIT Goa 'SPIE Student Chapter' was the largest student chapter across the globe in 2013-14 academic year. The chapter organized two-day technical programme to celebrate the 'International Year of Light' in 2015.

In January 2016, SPIE Student chapter in association with Laser Mission 10X organized an All Science and Technology Quiz competition for the school students across 395 schools in Goa. The student chapter is active throughout the year with technical and leadership events and also, will be



organizing Asian Students Photonics Conference 2016 jointly with Manipal University Student Chapter in December 2016. The chapter wants to encourage the high school students as well, through the upcoming event, All Goa Science Fair to be held on 20th August, 2016. SPIE student chapter is also sending UG Students to Students Leadership Congress at USA every year with sufficient funding. So far, five UG students were attended this program. This year Ms. Priyasingh is representing the NIT Goa SPIE student chapter.

TOASTMASTERS CLUB

Toastmasters Club of NIT Goa is a part of Toastmasters' International of the US. The NIT Goa chapter of it has been expanding its wing with a great a number of members. A good number of students from National Institute of Construction Management and Research (NICMAR) and Goa Engineering College have taken the membership of this club in 2016. The club members meet every Thursday to conduct activities relating to mainly Public Speaking.

IEEE STUDENTS CHAPTER

IEEE Students branch of NIT Goa (branch code-11051) was formed in 2012 with 12 student members and has been actively taking part in 24 hour Xtreme programming competition organized annually by IEEE. Apart from this, student chapter regularly organizes quiz and other online competitions for greater mobilization and participation of students in IEEE activities. This year, IEEE student branch had organized a talk on 5G cellular system, technical quiz and programming competition along with some brain storming sessions on innovation. The CSE department is also in the process of adopting IEEE CS's Software Engineering Body of Knowledge (SWEBOK) curriculum as an additional reference material for the students of NIT Goa.

SPECTRA

The Department of Electronics and Communication Engineering has established a student club called "Spectra" in 2014. In 2015, ECE council organized several cultural activities to bring out talents from students and also to make a healthy relation among seniors and juniors students. This club closely works with NIT Goa IEEE Student Branch to organize technical talks and quizzes. The mission of this club is to spread an awareness of emerging technologies across the state of Goa. The students of the club meet once a month and organize technical talk sessions.

TESLA

The Electrical Students Luminous Association, popularly known as TESLA is a technical club run by the students of Department of Electrical and Electronics Engineering. The students of the club meet once in a month and organize technical talk sessions. It also aims at providing hands on training in the fields of automation, robotics, image processing, etc. This year TESLA has organized a guest lecture on "Role of Educational Institutions in the Promotion of Renewable Energy" and also, industrial visits to SRLDC Bangalore, HVDC Kolar, Vedanta Ltd. Power plant, Sanquelim, Goa. The club members are in constant touch with eminent professors from University of Lisbon, IISc, Bangalore, and PRDC Bangalore for the process of guidance and enrichment.

ROBOTICS

National Institute of Technology Goa has taken an initiative to establish a robotics club last year. Within a span of one year it has conducted two training programs for creating awareness about robotics and its future scope among the stake holders of the institution. The first training program has focused the issues and challenges exist in this field. A hands on session on “Making of iRobot: Taking the first step” has been successfully carried out where more than 100 students of NIT Goa have participated. At the end of the program a “Robo-Racing” competition was organized. The second training program on “Making of iRobot: Taking the second step” has focused on making of the autonomous robot. The participants learned the use of ARDUINO UNO board and its programming. In the near future, the institute is planning to organize a national level robotics event in order to provide a deeper understanding on the field. The club has also trained two groups of students for the “e-yantra” event organized by IIT Bombay. In future, it aims to establish a self-sufficient club aiming to get involved with different research and development activities in robotics.

SWAMI VIVEKANANDA STUDY CIRCLE

The Study circle is has been established by students of NIT Goa on the occasion 153rd birth anniversary celebration of Swami Vivekananda on 21st January 2016. The main aim of this study circle is to spread the messages of Swami Vivekananda, Inspire and encourage our students to face the challenges in life. The students and faculty members of this club meet weekly once on every Thursday. A few activities which are organized are Swami Vivekananda's early life, Swami Vivekananda's Chicago address, Lecture on “Vivekananda Life Youth Convention” by Prof. Sumita Roy and “Everything is possible” by Sandeep Maheshwari. The study circle also conducts other programmes on themes such as Inspirational lectures, Meditation, Time management, Book exhibition, Soft skills development, Group discussions, Personality development, Strength and Weakness analysis.

TECHNIVAL

Technival is the annual tech-fest of NIT Goa held every year. It embodies the spirit of fervent devotion to technology that inventors, pioneers and entrepreneurs share. It is a three day program, which includes technical talks, workshops, exhibitions and various competitions. Technival 2K16, a carnival of Technology was organized from 18th – 20th March 2016.

On the inaugural day, two technical talks were organized, wherein Mr. Jervis Perriera, Director, Goa Information Technology Innovation Centre (GITIC) talked on “Startup opportunities in Goa” and Mr. Ryan D'costa, Inventrom Robotics talked on “Introduction to Internet of Things (IoT)”. An Inventrom Exhibition on “Bolt as an IoT platform” was organized on the second day. Other programs that were conducted were, Combat Robotics by Team Phoenix and games like Ultimate Gamers - DOTA, NFS, Counter Strike, FIFA, Robowars, Futsal, Cricket Pro, Ingenieuze, Spelling Bee, Trivium, Labyrinthos, Engineer, Roborace, Rubix, Treasure Hunt, Mathionnaire, Turtle Race, Minute to win it and Programmatics.

A total of 583 students have registered and participated from various institutions of Goa like Goa Engineering College, Don Bosco College of Engineering, Goa Medical College, BITS Goa, Padre Conceicao College of Engineering, G.V.M. College of Education and Shree Rayeshwar Institute of



Engineering and Information Technology.

QUANTA

The students of NIT Goa have established a Quiz club entitled Quanta in September 2015. Within a short span of time, the members of the club have already curved a position in the state by bringing accolades and honours for the institute. Two students, Mr. SahilRamchandani and Mr. Tejan G of 1st year B.Tech, have won the 1st position at a state-level Business Quiz organized by Dempo College in January, 2016. Both of them have received cash prize of Rs.50,000/ and two Tablet PCs. Mr. Harsh of B.Tech 1st year and Mr. SahilRamchandani of present II year student have won the 1st position in Olympic quiz organized by Goa Olympic Association on 3rd August 2016 and received individual trophies and a cash prize worth of Rs 7000/-

8.0 RESEARCH AND DEVELOPMENT

NIT Goa since its inception has contributed significantly to the research pool of India. I take this privilege to inform you that almost all the faculty members have either fetched a sponsored research project or have their project proposals at different stages of consideration. The institute is also in the process of expanding its research initiatives in international arena with many ongoing foreign collaborations. Dr. Modi Chirag N., Department of Computer Science and Engineering is involved in research collaborations with NewCastle University Australia, Oslo University Norway, Czech Technical University Prague, Ferris State University Michigan and Syncrone Technolgies in Paris.

Apart from this, the Institute has one inter-institutional project in collaboration with IISc, Bangalore, entitled, "An Integrated Computational and Experimental Approach to Structural Design for Ballistic Impacts and Blasts", worth Rs. 15.4 crores funded by DRDO. Investigators of this project are from IISc, Bangalore, IIT-Kharagpur and NIT Goa. Dr. G.R.C. Reddy, Dr. P.S. Reddy, Dr. Ravi Prasad, and Dr.Prashanth G.R., from NIT Goa are part of this project.

Dr.Nithin Kumar Y. B has received DST sponsored project worth of 25.13 lakhs under Fast Track Young Scientist-Engineering Science Scheme for the proposal entitled "The Design, Simulation and Implementation of Band-pass Sigma-Delta Modulator". The department has received the administrative approval for the execution of projects under "Special Manpower Development Programme for CHIPS to System Design (SMDP-C2SD)" submitted jointly by Dr.Nithin Kumar and Dr.Vasantha M. H. entitled "Design and Implementation of Filter with ADCs for Remote Detection of Humans Trapped Under Debris in Disaster Affected Areas Using RF Sensing of Cardiopulmonary Motion" and "Design and Implementation of Standard cell based Flash ADC" and published 3 papers in IEEE ISVLSI conference recently held at University of Pittsburgh, USA.

Dr.VelavanKathirvelu, Assistant Professor of Chemistry, has received project worth of Rs. 28.49 lacs from Science and Engineering Research Board for his proposal entitled "EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure Bonding and Electron Spin Relaxation Rate".

8.1 START-UP CENTRE

National Institute of Technology Goa has been sanctioned a Startup Centre with joint funding from Ministry of Human Resource and Development (MHRD) and Department of Science and Technology (DST), Government of India. It is one of the thirteen new startups, established in a Technical Institutes of National Importance under this scheme. The primary objective of this centre is to develop on ecosystem of Sartup culture for the betterment of the society at large, through producing job givers rather than job seekers. The centre would host up to 10 Startups with financial, technical, and legal supports, every year.

8.2 INNOVATION INITIATIVES

Innovation Club, NIT Goa has under taken various activities in the last academic session. A institute level Innovation competition was organized on 25th January, 2016. We are happy to announce our association with Society for Research and Initiatives for Sustainable Technologies and Institutions (SRISTI) and The National Innovation Foundation (NIF) – India, set up by the Department of Science

and Technology (DST). NIT Goa is also in the process of becoming the coordinating institute for the Goa region in Honey Bee Network. NIT Goa has also taken part in the 37th ShodhYatra – from Ayee (Maharashtra) to Colamb (Goa) from 11th to 17th May, 2016 for the search of knowledge, creativity and innovations at the grassroots. Dr. Anil K Gupta, Professor at the Centre for Management in Agriculture, Indian Institute of Management, Ahmedabad visited NIT Goa on 11th May, 2016 and interacted with the students and faculty members of various technical institutes regarding the space for innovations at grassroots and college level, creating knowledge networks for augmenting innovations.

9.0 OUTREACH CELL ACTIVITIES

9.1 RASHTRIYA AVISHKAR ABHIYAN (RAA)

NIT Goa is happy to be a part of Rashtriya Avishkar Abhiyan (RAA), an initiative of Ministry of Human Resource Development (MHRD), Govt. of India, which intends to provide nourishment and support to schools, to provide platform in making Science, Mathematics and Technology (SMT). It is to motivate children and encourage them to have an enduring interest in both inside and outside classroom activities.

In order to realize these objectives, Higher Education Institutes (HEIs) such as IITs, NITs, IISERs, etc., have been identified as the mentoring institutions to mentor the neighborhood higher secondary, secondary and primary schools for a period of 5 years.

RAA mission was launched at NIT Goa by Shri. Virendra Kumar, IAS, Secretary of Education, Govt. of Goa in the presence of Prof. G. R. C Reddy, Director NIT Goa on 25th January 2016.

NIT Goa has adopted four Govt. schools across the state of Goa for the academic year 2015-2016 and has conducted three programs:

1. All Goa science quiz competition for school students in which a total of 1500 students participated. The quiz was held on 25th January 2016.
2. Two day Workshop on “Understanding Science through Experiments” during 15th and 16th April 2016 for school teachers, secondary and higher secondary school students with a total participation of 150 members.
3. All Goa Science fair competition for school students on 20th August 2016, with a representation of about 50 schools and 200 participants.

In addition to the above mentioned events, there are extensive plans of taking this initiative to greater heights.

9.2 UNNAT BHARAT ABHIYAN (UBA)

The Ministry of Human Resource Development (MHRD), in the year 2014 has launched a programme called Unnat Bharat Abhiyan with an aim to connect institutions of higher education, including Indian Institutes of Technology, National Institutes of Technology and Indian Institutes of Science Education & Research with local communities to address the development challenges

through appropriate technologies. The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. The Unnat Bharat Cell of the institute has been officially constituted on October 2015 with Prof. G. R. C. Reddy, Director NIT Goa as the mentor. The Institute has adopted three villages (a) Keri in Sattari Taluka of North Goa, (b) Priol village and (c) Madkai village in Ponda taluka of South Goa under this program. Various programs including a one day workshop on Computer aided teaching has been conducted for school teachers as per the suggestions received from these adopted villages. Amb. Bhaswati Mukherjee inaugurated the workshop and a team of 50 school teachers from these adopted villages attended the workshop.

9.3 SWACHH BHARAT ABHIYAN (SBA)

Hon'ble Prime Minister, in his Independence Day speech on 15th August 2014, espoused the need for a clean India. He called for Swachh Bharat Abhiyaan (SBA), a massive mass movement that seeks to engage everyone in the task of cleaning homes, work places, villages, cities and surroundings, in a collective quest.

NIT Goa is actively participating in Swachha Bharat Abhiyaan (SBA) activities since its inception. The Institute has organized three cleanliness drives in the surroundings of NIT Goa including the premises of the hostels.

Under SBA, NIT Goa has implemented clean and green campus. The cell SBA has placed garbage bins for collecting dry and wet garbage separately, and it is looking forward to implement many more initiatives in due course of time.

10.0 PLACEMENT DETAILS OF STUDENTS FOR ACADEMIC YEAR 2015-16

List of Companies Recruited Students in the Academic Year 2015-16

PLACEMENT RECORD FOR THE ACADEMIC YEAR 2015-16 (Branch wise)

Department	Total No.of Students (EL)	Total No. of Students placed	Percentage of Placements
CSE	17	17	100
EEE	18	14	77.77
ECE	18	14	77.77

*EL: Eligible.

PLACEMENT RECORD FOR THE ACADEMIC YEAR 2015-16 (Overall)

Total No. of Students (EL)	53
Total No. of Students Placed	45
Percentage of Placements	84.90

Sr. No.	Name of the Company	Sr. No.	Name of the Company
1	Musigma	9	Babajobs
2	Barclays	10	Innoplexus
3	Unisys	11	Tata Elxsi
4	Polaris	12	Amdocs
5	IBM	13	Sapient
6	LnTInfotec	14	Greatwest Global
7	LnT Constructions	15	Ruckus Wireless
8	Wipro		

Maximum pay package:7.7 Lakhs.

Average pay package:5.00 Lakhs(Approx.)

11.0 CONVOCATION

NIT Goa celebrated its 1st convocation on 20th September 2015, in the institute campus. The convocation experienced a spectacular gathering of students, their parents, renowned academicians, scientists, industrialists and heads of various government departments. Two B.Tech batches of 2010-2014 and 2011-2015 were awarded degrees. The total number of students awarded degree at this convocation is 212, out of which 100 were of B.Tech 2010-2014, and 112 students were of the second batch 2011-2015.

Professor S. K. Joshi, recipient of Padma Bhushan, Professor Emeritus, National Physical Laboratory, New Delhi & Former Director General, CSIR was invited as the Chief Guest of the convocation.

11.1 Medals awarded for the batch 2010-14

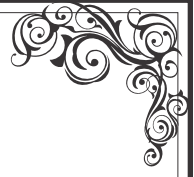
The PRESIDENT'S GOLD MEDAL for the outstanding all-round performance in all disciplines of undergraduate programmes of study was awarded to Mr. Muhammad Muhsin P Saleem for the batch 2010-2014. The DIRECTOR'S GOLD MEDAL for the best academic performance in all disciplines of undergraduate programmes of study was awarded to Mr. Muhammad Muhsin P Saleem for batch the 2010-2014. Mr. Muhammad Muhsin P Saleem was also awarded as the best departmental academic performer in the Department of Electrical and Electronics Engineering for the batch 2010-2014. The award of best academic performance in the Department of Computer Science and Engineering was



given to Ms. KotiNishatSaipanmuluk for the batch 2010-2014. The award of best academic performance in the Department of Electronics and Communication Engineering was given to Mr. NaikAshrayGurudas for the batch 2010-2014.

11.2 Medals awarded for the batch 2011-15

The PRESIDENT's GOLD MEDAL for the outstanding all-round performance in all disciplines of undergraduate programmes of study was awarded to Ms. PrabhuDessaiChinmayeeVallabh for the batch 2011-2015. The DIRECTOR'S GOLD MEDAL for the best academic performance in all disciplines of undergraduate programmes of study was awarded to Mr. Aaron Amir Barreto for batch the 2011-2015. Mr. Aaron Amir Barreto was also awarded as the best departmental academic performer in the Department of Electronics and Communication Engineering for the batch 2011-2015. The award of best academic performance in the Department of Computer Science and Engineering was given to Mr. Ankush Arora for the batch 2011-2015. The award of best academic performance in the Department of Electrical and Electronics Engineering was given to Mr. Gaurav Singh Parihar for the batch 2011-2015.



ANNUAL ACCOUNTS







**NATIONAL INSTITUTE OF TECHNOLOGY GOA
BALANCESHEET AS AT 31ST, MARCH, 2016**

Amount in Rupees

SOURCES OF FUND	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	166,001,167.64	123,481,807.99
DESIGNATED/ EARMARKED / ENDOWMENT FUNDS	2	5,529,252.00	45,276,036.30
CURRENT LIABILITIES & PROVISIONS	3	132,821,493.79	29,707,552.70
TOTAL		304,351,913.43	198,465,396.99
APPLICATION OF FUNDS	Schedule	Current Year	Previous Year
FIXED ASSETS	4		
Tangible Assets		37,476,214.03	32,258,380.61
Intangible Assets		3,372,859.00	3,936,300.00
Capital Works-In-Progress		-	31,012.00
INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS	5		
Long Term		-	-
Short Term		-	-
INVESTMENTS - OTHERS	6	-	-
CURRENT ASSETS	7	231,026,264.36	143,344,890.18
LOANS, ADVANCES & DEPOSITS	8	32,476,576.04	18,894,814.20
TOTAL		304,351,913.43	198,465,396.99
SIGNIFICANT ACCOUNTING POLICIES	23	-	-
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	24		

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787

PLACE: PONDA, GOA
DATE: 11-05-2016



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
INCOME AND EXPENDITURE ACCOUNT FOR THE
PERIOD/YEAR ENDED 31ST, MARCH, 2016**

Amount in Rupees

PARTICULARS	Schedule	Current Year	Previous Year
INCOME			
Academic Receipts	9	28,630,155.39	22,143,594.50
Grants / Subsidies	10	105,362,010.51	-
Income from investments	11	4,598,297.84	4,692,243.20
Interest earned	12	4,610,241.00	2,140,712.00
Other Income	13	110,555.00	58,151.33
Prior Period Income	14	-	-
TOTAL (A)		143,311,259.74	29,034,701.03
EXPENDITURE			
Staff Payments & Benefits (Establishment expenses)	15	56,035,423.54	-
Academic Expenses	16	30,822,693.61	252,407.65
Administrative and General Expenses	17	14,866,094.27	-
Transportation Expenses	18	855,228.56	-
Repairs & Maintenance	19	2,494,474.53	-
Finance costs	20	25,883.00	-
Depreciation	4	13,268,776.00	14,486,697.00
Other Expenses	21	-	-
Prior Period Expenses	22	262,213.00	106,436.08
TOTAL (B)		118,630,786.51	14,845,540.73
Balance being excess of Income over Expenditure (A-B)		24,680,473.23	14,189,160.30
- Transfer to/from Designated Fund			
Building Fund		-	-
Others(Specify)		-	-
- Transfer from Deferred Income (equal to depreciation)		13,138,351.00	14,486,697.00
- Prior period expenses(Net of prior period income) transferred to Corpus/Capital Fund		-	106,436.08
Balance Being Surplus / (Deficit) Carried to Capital Fund		37,818,824.23	28,782,293.38
Significant Accounting Policies	23		
Contingent Liabilities And Notes To Accounts	24		

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

PLACE: PONDA, GOA
DATE: 11-05-2016

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE - 1 CORPUS/CAPITAL FUND

Particulars	Amount in Rupees	
	Current Year	Previous Year
Balance at the beginning of the year	123,481,807.99	(32,714,162.71)
Add: Contributions towards Corpus/Capital Fund	-	-
Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure (net)	17,027,157.42	29,084,766.84
Add: Assets Purchased out of Earmarked Funds	-	-
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution	811,729.00	-
Add: Assets Donated/Gifts Received	-	-
Add: Other Additions (Deferred Income)	-	21,627,622.77
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	37,818,824.23	28,782,293.38
TOTAL	179,139,518.64	46,780,520.28
Less: Tranfer to Earmarked Fund-General Activities	-	(43,447,064.60)
Less: Tranfer to Earmarked Fund-Salaries	-	(47,740,920.11)
Less: Transfer to Earmarked Funds	-	-
Less: Deduction equal to the amount of Depreciation charged-transfer to I& E account	13,138,351.00	14,486,697.00
Less: Deficit transferred from the Income & Expenditure Account	-	-
Balance at the year end	166,001,167.64	123,481,807.99

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE 2 ? DESIGNATED/ EARMARKED / ENDOWMENT FUNDS

Particulars	FUND-WISE BREAK UP				Amount in Rupees	
	Institute Devt Fund	Hostel Devt Fund	Endowment Funds	Current Year	Previous Year	TOTAL
A.						
a) Opening balance	4,482,652.00	127,600.00	-	4,610,252.00	126,565,203.23	
b) Additions during the year (Grants Received)	-	-	-	-	110,000,000.00	
c) Income from investments made of the funds	-	-	-	-	-	
d) Accrued Interest on investments/Advances	-	-	-	-	-	
e) Interest on Savings Bank a/c	-	-	-	-	-	
f) Other additions (Specify nature) (Collected from students)	919,000.00	-	-	919,000.00	964,000.00	
i. Collected from Students	-	-	-	-	-91,187,984.71	
ii. Transfer from Corpus Fund	-	-	-	-	-	
Total (A)	5,401,652.00	127,600.00	-	5,529,252.00	146,341,218.52	
B.						
Utilization /Expenditure towards objectives:						
i) Capital Expenditure	-	-	-	-	29,209,595.68	
ii) Fixed Assets written off	-	-	-	-	-124,828.84	
ii) Revenue Expenditure	-	-	-	-	71,980,415.38	
Total (B)	-	-	-	-	101,065,182.22	
Closing Balance at the year End (A-B)	5,401,652.00	127,600.00	-	5,529,252.00	45,276,036.30	
Represented by						
Cash and Bank Balances						
Investments						
Interest Accrued but not due						
Total	-	-	-	-	-	

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

**SCHEDULE 2A
ENDOWMENT FUNDS**

Amount in Rupees

1. Sr. No.	2. Name of the Endowment	Opening Balance		Additions during the Year		Total		Expenditure on the object during the year 9	Closing Balance		Total (10+11)
		3. Endowment	4. Accumulated Interest	5. Endowment	6. Interest	7. Endowment (3+5)	8. Accumulated Interest (4+6)		10. Endowment	11. Accumulated Interest	
		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE 3 - CURRENT LIABILITIES & PROVISIONS

	Amount in Rupees	
	Current Year	Previous Year
A. CURRENT LIABILITIES		
1. Deposits from staff	-	-
2. Deposits from students (Sub Schedule 1)	11,794,852.99	9,804,324.78
3. Sundry Creditors		
a) For Goods & Services (Sub Schedule 2)	897,527.50	5,727,598.50
b) Others	-	-
4. Deposit-Others (including EMD, Security Deposit) (Sub Schedule 3)	876,053.00	372,299.00
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS):		
a) Overdue	-	-
b) Others (Sub Schedule 4)	438,187.00	369,557.00
6. Other Current Liabilities (Sub Schedule 5)		
a) Salaries	4,154,309.00	3,756,468.00
b) Receipts against sponsored projects (Net) (as per Schedule 3a)	8,568,152.03	2,439,701.53
c) Receipts against sponsored fellowships & scholarships (Net) (as per Schedule 3b)	1,474,512.00	-
d) Unutilised Grants (as per Schedule 3c)	88,276,616.37	-
e) Grants in advance	-	-
f) Other funds (Sub Schedule 5)	1,919,176.00	-
g) Other liabilities (Sub Schedule 5)	8,241,424.90	7,217,083.89
Total (A)	126,640,810.79	29,687,032.70
B. PROVISIONS		
1. For Taxation	-	-
2. Gratuity	1,673,615.00	-
3. Superannuation Pension	-	-
4. Accumulated Leave Encashment	4,465,848.00	-
5. Trade Warranties/Claims	-	-
6. Others (Specify) (Sub Schedule 6)	41,220.00	20,520.00
Total (B)	6,180,683.00	20,520.00
Total (A+B)	132,821,493.79	29,707,552.70

Note: Unutilized grants 6 (d) will include grants received in advance for the next year.

NATIONAL INSTITUTE OF TECHNOLOGY GOA SCHEDULES FORMING PART OF BALANCESHEET AS AT 31ST, MARCH, 2016

SCHEDULE - 3(a) SPONSORED PROJECTS

1. Sr. No.	2. Name of the Project	Amount in Rupees							
		Opening Balance		5. Receipts/Recoveries during the year	6. Bank Interest	7. Total	8. Expenditure during the year (as per Sub Schedule 9)	Closing Balance	
		3. Credit	4. Debit					9. Credit	10. Debit
1	An Integrated Computational and Experimental Approach to Structural design for ballistic impacts and blasts sponsored by Indian Institute of Science	1,259,698.53	-	25,468.00	49,960.00	1,335,126.53	87,531.00	1,247,595.53	-
2	Design, Simulation and Implementation of Bandpass Sigma Delta sponsored by Science Engineering Research Board	-	-	2,223,000.00	42,030.00	2,265,030.00	-	2,265,030.00	-
3	Development Of Efficient Algorithms For Photoacoustic Tomography (Pat) sponsored by Science Engineering Research Board	-	-	1,471,333.00	-	1,471,333.00	-	1,471,333.00	-
4	EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates sponsored by Science Engineering Research Board	-	-	1,480,000.00	26,173.00	1,506,173.00	899,136.00	607,037.00	-
5	Special Manpower Development Program for Chips to System Design sponsored by Central Electronics Engineering Research Institute	-	-	1,695,000.00	9,877.00	1,704,877.00	128,851.50	1,576,025.50	-
6	Grant for Conducting Workshop & Seminar Under PMMMNMTT Scheme -MHRD	-	-	800,000.00	5,220.00	805,220.00	336,239.00	468,981.00	-
7	Visvesvaraya Phd Scheme for Electronics and IT by Media Lab Asia	1,180,003.00	-	812,500.00	48,340.00	2,040,843.00	1,108,693.00	932,150.00	-
	Total	2,439,701.53	-	8,507,301.00	181,600.00	11,128,602.53	2,560,450.50	8,568,152.03	-

1. The Projects may be listed agency-wise, with sub-totals for each agency.

2. The total of Col. 9 (Credit) will appear under the above head on the liabilities side of the Balance Sheet (Schedule 3).

3. The total of Col. 10 (Debit) will appear as Receivables in Schedule 8, Loans, Advances and Deposits, on the Assets side of the Balance Sheet.

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE - 3(b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

1. Sr. No.	2. Name of the Sponsor	Amount in Rupees					
		Opening Balance as on 01.04.2015		Transactions during the year		Closing Balance as on 31.03.2016	
		3. Credit	4. Debit	5. Credit	6. Debit	7. Credit	8. Debit
1	Scholarship EDCIL (India) Ltd.	-	-	296,053.00	296,053.00	-	-
2	Scholarship from Ministry of Tribal Affairs	-	-	1,474,502.00	654,100.00	820,402.00	-
3	Scholarship from Ministry of Social Justice	-	-	3,687,730.00	3,033,620.00	654,110.00	-
4	Indo US Science & Technology Forum	-	-	850,000.00	850,000.00	-	-
5	Other Scholarships	-	-	140,000.00	140,000.00	-	-
	Total	-	-	6,448,285.00	4,973,773.00	1,474,512.00	-

Note:

1. The total of Col. 7 (Credit) will appear under the above head, on the liabilities side of the Balance Sheet (Schedule 3).
2. The total of Col. 8 (Debit) will appear as Receivables on the Assets side of the Balance Sheet in Schedule 8(Loans, Advances and Deposits).

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE 3 (c) UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS

Amount in Rupees

Particulars	Current Year	Previous Year
A. Plan Grants : Government of India		
Balance B/F	40,665,784.30	-
Add: Receipts during the year	170,000,000.00	-
Total (a)	210,665,784.30	-
Less: Refunds	-	-
Less: Utilized for Revenue Expenditure	105,362,010.51	-
Less: Utilized for Capital Expenditure	17,027,157.42	-
Total (b)	122,389,167.93	-
Unutilized Carried Forward (a-b)	88,276,616.37	-
B. UGC grants: Plan		
Balance B/F	-	-
Add: Receipts during the year	-	-
Total (c)	-	-
Less: Refunds	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital Expenditure	-	-
Total (d)	-	-
Unutilized Carried Forward (c-d)	-	-
C. UGC grants: Non Plan		
Balance B/F	-	-
Add: Receipts during the year	-	-
Total (e)	-	-
Less: Refunds	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital Expenditure	-	-
Total (f)	-	-
Unutilized Carried Forward (e-f)	-	-
D. Grants from State Govt.		
Balance B/F	-	-
Add: Receipts during the year	-	-
Total (g)	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital Expenditure	-	-
Total (h)	-	-
Unutilized Carried Forward (g-h)	-	-
Grand Total (A+B+C+D)	88,276,616.37	-

Notes:-

-Unutilized grants includes advances on Capital Account

-Unutilized grants includes grants received in advance for the next year

-Unutilized grants are represented on Assets side by Bank balances, Short term Deposits with Banks and Advances on Capital Account

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULES 4 FIXED ASSETS

Amount in Rupees

S.No.	Assets Heads	GROSS BLOCK				DEPRECIATION			NET BLOCK		
		Opening Balance as on 01.04.2015	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/Adjustment	Total Depreciation	31.03.2016	31.03.2015
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	770,670.00	-	-	770,670.00	201,621.00	85,357.00	-	286,978.00	483,692.00	569,049.00
8	Plant & Machinery	9,884,886.12	9,950,595.00	-	19,835,481.12	2,660,371.00	2,414,783.00	-	5,075,154.00	14,760,327.12	7,224,515.12
9	Scientific & Laboratory Equipment	-	688,129.00	-	688,129.00	-	51,610.00	-	51,610.00	636,519.00	-
10	Office Equipment	3,534,418.35	805,287.87	95,760.00	4,243,946.22	936,692.00	459,602.00	53,270.00	1,343,024.00	2,900,922.22	2,597,726.35
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	20,121,860.04	1,757,575.00	-	21,879,435.04	14,249,156.00	4,564,157.00	-	18,813,313.00	3,066,122.04	5,872,704.04
13	Furniture, Fittings & Fixings	16,384,585.64	1,339,910.50	-	17,724,496.14	2,477,597.00	1,466,962.00	-	3,944,559.00	13,779,937.14	13,906,988.64
14	Vehicles	1,411,478.00	-	-	1,411,478.00	105,861.00	195,843.00	-	301,704.00	1,109,774.00	1,305,617.00
15	Library Books & Scientific Journals	3,281,541.46	860,985.05	-	4,142,526.51	2,499,761.00	903,845.00	-	3,403,606.00	738,920.51	781,780.46
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	55,389,439.61	15,402,482.42	95,760.00	70,696,162.03	23,131,059.00	10,142,159.00	53,270.00	33,219,948.00	37,476,214.03	32,258,380.61
17	Capital Work in Progress (B)	31,012.00	14,500.00	45,512.00	-	-	-	-	-	-	31,012.00
Sr.No	Intangible Assets	Opening Balance as on 01.04.2014	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/Adjustment	Total Amortization/Adjustments	31.03.2015	31.03.2014
18	Computer software	9,203,250.00	2,539,656.00	-	11,742,906.00	5,266,950.00	3,123,677.00	-	8,390,627.00	3,352,279.00	3,936,300.00
19	Patents & Copyrights	-	23,520.00	-	23,520.00	-	2,940.00	-	2,940.00	20,580.00	-
	Total (C)	9,203,250.00	2,563,176.00	-	11,766,426.00	5,266,950.00	3,126,617.00	-	8,393,567.00	3,372,859.00	3,936,300.00
	Grand Total (A+B+C)	64,623,701.61	17,980,158.42	141,272.00	82,462,588.03	28,398,009.00	13,268,776.00	53,270.00	41,613,515.00	40,849,073.03	36,225,692.61

Note: The figure in Column "Deductions" under Gross Block against the head Capital Work in Progress represents the transfer from Work in Progress to Assets during the year;

The figure in Column "Additions during the year under Gross Block against 1 to 14 include transfer from Work in Progress during the year, as well as further acquisitions during the year.

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULES 4 (a) FIXED ASSETS PLAN

Amount in Rupees

S.No.	Assets Heads	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Opening Balance as on 01.04.2015	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/Adjustment	Total Depreciation	31.03.2016	31.03.2015
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tube wells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	770,670.00	-	-	770,670.00	201,621.00	85,357.00	-	286,978.00	483,692.00	569,049.00
8	Plant & Machinery	9,884,886.12	9,950,595.00	-	19,835,481.12	2,660,371.00	2,414,783.00	-	5,075,154.00	14,760,327.12	7,224,515.12
9	Scientific & Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	3,534,418.35	728,387.87	95,760.00	4,167,046.22	936,692.00	448,067.00	53,270.00	1,331,489.00	2,835,557.22	2,597,726.35
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	20,121,860.04	1,710,875.00	-	21,832,735.04	14,249,156.00	4,550,147.00	-	18,799,303.00	3,033,432.04	5,872,704.04
13	Furniture, Fixtures & Fittings	16,384,585.64	1,339,910.50	-	17,724,496.14	2,477,597.00	1,466,962.00	-	3,944,559.00	13,779,937.14	13,906,988.64
14	Vehicles	1,411,478.00	-	-	1,411,478.00	105,861.00	195,843.00	-	301,704.00	1,109,774.00	1,305,617.00
15	Library Books & Scientific Journals	3,281,541.46	860,985.05	-	4,142,526.51	2,499,761.00	903,845.00	-	3,403,606.00	738,920.51	781,780.46
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	55,389,439.61	14,590,753.42	95,760.00	69,884,433.03	23,131,059.00	10,065,004.00	53,270.00	33,142,793.00	36,741,640.03	32,258,380.61
17	Capital Work in Progress (B)	31,012.00	14,500.00	45,512.00	-	-	-	-	-	-	31,012.00
	Total (A+B)	55,420,451.61	14,604,253.42	141,272.00	69,884,433.03	23,131,059.00	10,065,004.00	53,270.00	33,142,793.00	36,741,640.03	32,289,392.61
	Total (A+B+C)	64,623,701.61	17,168,429.42	141,272.00	81,650,859.03	28,398,009.00	13,191,621.00	53,270.00	41,536,360.00	40,114,499.03	36,225,692.61
Sr.No	Intangible Assets	Opening Balance as on 01.04.2015	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/Adjustment	Total Amortization/Adjustments	31.03.2016	31.03.2015
18	Computer software	9,203,250.00	2,539,656.00	-	11,742,906.00	5,266,950.00	3,123,677.00	-	8,390,627.00	3,352,279.00	3,936,300.00
19	Patents & Copyrights	-	23,520.00	-	23,520.00	-	2,940.00	-	2,940.00	20,580.00	-
	Total (C)	9,203,250.00	2,563,176.00	-	11,766,426.00	5,266,950.00	3,126,617.00	-	8,393,567.00	3,372,859.00	3,936,300.00

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULES 4 (b) FIXED ASSETS NON - PLAN

S.No.	Assets Heads	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Opening Balance as on 01.04.2015	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/ Adjustment	Total Depreciation	31.03.2016	31.03.2015
1	Land				-				-	-	
2	Site Development				-				-	-	
3	Buildings		-	-	-				-	-	
4	Roads & Bridges		-	-	-				-	-	
5	Tubewells & Water Supply		-	-	-				-	-	
6	Sewerage & Drainage		-	-	-				-	-	
7	Electrical Installation and equipment		-	-	-				-	-	
8	Plant & Machinery		-	-	-				-	-	
9	Scientific & Laboratory Equipment		-	-	-				-	-	
10	Office Equipment		-	-	-				-	-	
11	Audio Visual Equipment		-	-	-				-	-	
12	Computers & Pheripherals		-	-	-				-	-	
13	Furniture, Pictures & Fittings		-	-	-				-	-	
14	Vehicles		-	-	-				-	-	
15	Library Books & Scientific Journals		-	-	-				-	-	
16	Small Value Assets		-	-	-				-	-	
	Total (A)		-	-	-				-	-	
17	Capital Work in Progress (B)		-	-	-				-	-	
	Total (C)		-	-	-				-	-	
Sr.No	Intangible Assets	Opening Balance as on 01.04.2014	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization/A djustments	31.03.2015	31.03.2014
18	Computer software				-				-	-	
19	Patents & Copyrights				-				-	-	
	Total (C)		-	-	-				-	-	
	Grand Total (A+B+C)		-	-	-				-	-	

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE 4C - INTANGIBLE ASSETS

Sr.No	Assets Heads	Opening Balance as on 01.04.2015	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization/ Adjustments	Amount in Rupees	
										31.03.2016	31.03.2015
1	Patents & Copyrights	-	23,520.00	-	23,520.00	-	2,940.00	-	2,940.00	20,580.00	-
2	Computer software	9,203,250.00	2,539,656.00	-	11,742,906.00	5,266,950.00	3,123,677.00	-	8,390,627.00	3,352,279.00	3,936,300.00

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE 4 (C) (i) - PATENTS AND COPYRIGHTS

Particulars	Opening Balance as on 01.04.2015	Additions	Deductions	Gross	Amortization	Amount in Rupees	
						Net Block 31.03.2016	Net Block 31.03.2015
A. Patents Granted							
1 Balance as on 31.03.2014 of Patents obtained in 2008-09 (Original Value Rs..... /-)	-	-	-	-	-	-	-
2 Balance as on 31.03.2014 of Patents obtained in 2010-11 (Original Value Rs..... /-)	-	-	-	-	-	-	-
3 Balance as on 31.03.2014 of Patents obtained in 2012-13 (Original Value Rs..... /-)	-	-	-	-	-	-	-
4 Patents granted during the Current Year	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-
A. Patents Pending in respect of Patents applied for							
1 Expenditure incurred during 2009-10 to 2013-14	-	-	-	-	-	-	-
2 Expenditure incurred during 2015-15	-	-	-	-	-	-	-
3 Expenditure incurred during 2015-16	-	23,520.00	-	23,520.00	2,940.00	20,580.00	-
Total	-	23,520.00	-	23,520.00	2,940.00	20,580.00	-
C. Grand Total (A+B)	-	23,520.00	-	23,520.00	2,940.00	20,580.00	-

Note: The addition in Part A (Patents Granted), will be figure of Patents granted during the year, transferred from Part B (column - Patents granted/rejected). The amount against patents rejected during the year is written off in the Income and Expenditure Account

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULES 4D FIXED ASSETS - OTHERS, SPONSORED PROJECTS ASSETS

S.No.	Assets Heads	GROSS BLOCK				DEPRECIATION			NET BLOCK		
		Opening Balance as on 01.04.2015	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/ Adjustment	Total Depreciation	31.03.2016	31.03.2015
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	-	-	-	-	-	-	-	-	-	-
9	Scientific & Laboratory Equipment	-	688,129.00	-	688,129.00	-	51,610.00	-	51,610.00	636,519.00	-
10	Office Equipment	-	76,900.00	-	76,900.00	-	11,535.00	-	11,535.00	65,365.00	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	-	46,700.00	-	46,700.00	-	14,010.00	-	14,010.00	32,690.00	-
13	Furniture, Fictures & Fittings	-	-	-	-	-	-	-	-	-	-
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Library Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	-	811,729.00	-	811,729.00	-	77,155.00	-	77,155.00	734,574.00	-
17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B)	-	811,729.00	-	811,729.00	-	77,155.00	-	77,155.00	734,574.00	-

Note: The Additions during the year include additions from
 Gifted

Gifted	-
Earmarked Funds	-
Sponsored Projects	811,729.00
Own Funds	17,027,157.42
Total	17,838,886.42



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULES 5: INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

	Amount in Rupees	
	Current Year	Previous Year
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other approved securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
6. Term Deposits with Banks	-	-
7. Others (to be specified)	-	-
TOTAL	-	-

SCHEDULES 5(A): INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS (FUNDS WISE)

Funds	Amount in Rupees	
	Current Year	Previous Year
1	-	-
2	-	-
3	-	-
4	-	-
5 Endowment Fund Investments	-	-
TOTAL	-	-

Note: The Total in this Schedule will agree with the total in Schedule 5.

SCHEDULES 6: INVESTMENTS - OTHERS

	Amount in Rupees	
	Current Year	Previous Year
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other approved securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
6. Others (to be specified)	-	-
TOTAL	-	-

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET
AS AT 31ST, MARCH, 2016**

SCHEDULE 7 - CURRENT ASSETS

Amount in Rupees

	Current Year	Previous Year
1. Stock		
a) Stores and Spares	-	-
b) Loose Tools	-	-
c) Publications	-	-
d) Laboratory Chemicals, consumables and glass ware	-	-
e) Building Material	-	-
f) Electrical Material	-	-
g) Stationery	-	-
h) Water supply material	-	-
2. Sundry Debtors		
a) Debts Outstanding for a period exceeding six months	-	-
b) Others	-	-
3. Cash and Bank Balances		
a) With Scheduled Banks:		
-In Current Accounts	318,997.00	318,997.00
-In Term Deposits Accounts	55,271,711.00	55,639,933.00
-In Savings Accounts	175,435,556.36	87,385,960.18
b) With Non - Scheduled Banks:		
-In Term Deposits Accounts	-	-
-In Savings Accounts	-	-
4. Post Office Savings Accounts	-	-
TOTAL	231,026,264.36	143,344,890.18

Note: Annexure A shows the details of Bank Accounts

ANNEXURE A

Amount in Rupees

	Current Year	Previous Year
I. Saving Bank Accounts		
Corp. Bank Growth Fund A/c No.SB/1935	13,206,555.39	7,322,688.50
Corp. Bank Hostel A/c No.SB/1250	11,152,631.50	7,540,879.50
Corp. Bank Mis. A/c No.SB/01/1915	542,353.00	415,424.00
Corp. Bank NIT Plan A/c No.SB/000653	141,825,158.44	69,615,516.65
Corporation Bank SB/01/003573	8,708,858.03	2,491,451.53
II. Current Account		
Corp. Bank Current A/c No.01/000001	318,997.00	318,997.00
III. Term Deposits with Schedule Banks		
Investment A/c No.130061(CB)(Plan)	-	-
Investment A/c No.130062(CB)(Plan)	-	-
Investment A/c No.130063(CB)(Plan)	-	-
Investment A/c No.130078(CB)(Plan)	-	-
Investment A/c. No. 150147 (CB)	27,068,874.00	-
Investment A/c. No. 150148 (CB)	27,628,942.00	-
Investment A/c. No. 140156 (CB)	-	24,763,779.00
Investment A/c. No.140157 (CB)	-	25,276,154.00
Fixed Deposit KCC/01/150025 Agst Letter of Credit	-	5,600,000.00
Fixed Deposit No. KCC/01/150062 Agst Letter of Credit	573,895.00	-
Total	231,026,264.36	143,344,890.18



NATIONAL INSTITUTE OF TECHNOLOGY GOA SCHEDULES FORMING PART OF BALANCESHEET AS AT 31ST, MARCH, 2016

SCHEDULE 8 - LOANS, ADVANCES & DEPOSITS

Amount in Rupees

	Current Year		Previous Year	
1. Advances to employees: (Non - Interest bearing)				
a) Salary	-		-	
b) Festival	-		-	
c) Medical Advance	-		-	
d) Others (to be Specified)	-	-	-	-
2. Advances to employees: (Non - Interest bearing)				
a) Vehicle Loan	-		-	
b) Home Loan	-		-	
c) Others (to be Specified)	-	-	-	-
3. Advances and other amounts receivable in cash or in kind or for value to be received:				
a) On Capital Account	-		-	
b) to Suppliers	-		-	
c) Others (Sub Schedule 7)	11,992,690.00	11,992,690.00	9,424,786.00	9,424,786.00
4. Prepaid Expenses				
a) Insurance	-		-	
b) Other Expenses (Sub Schedule 7)	9,702,325.00	9,702,325.00	7,045,112.00	7,045,112.00
5. Deposits				
a) Telephone (Sub Schedule 8)	-		-	
b) Lease Rent (Sub Schedule 8)	75,000.00		75,000.00	
c) Electricity	-		-	
d) AICTE, if applicable	-		-	
e) Others (to be Specified)	-	75,000.00	-	75,000.00
6. Income Accrued:				
a) On Investments from earmarked/endow. Funds	-		-	
b) On Investments - others (Sub Schedule 7)	2,206,561.04		2,349,916.20	
c) On Loans and Advances	-		-	
d) Others (Includes Income due unrealised Rs.....)	-	2,206,561.04	-	2,349,916.20
7. Other - Current Assets receivable from UGC/MHRD/sponsored projects				
a) Debit balances in Sponsored Projects	-		-	
b) Debit balances in Sponsored Fellowships & Scholarships	-		-	
c) Grants Receivable	8,500,000.00		-	
d) Other receivables from UGC	-	8,500,000.00	-	-
8. Claims Receivable		-		-
TOTAL		32,476,576.04		18,894,814.20

Note:

1.If revolving funds have been created for House Building, computer and Vehicle advances to employees, the advances will appear as part of Earmarked/endowment Funds. The balance against these interest bearing advances will not appear in this schedule.



NATIONAL INSTITUTE OF TECHNOLOGY GOA SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016

SCHEDULE 9 - ACADEMIC RECEIPTS

	Amount in Rupees	
	Current Year	Previous Year
FEES FROM STUDENTS		
Academic		
1. Tuition fee	25,206,675.89	18,850,371.50
2. Admission fee	8,250.00	5,250.00
3. Enrolment fee	-	-
4. Library Admission fee	-	-
5. Laboratory fee	-	-
6. Art & Craft fee	-	-
7. Registration fee	-	-
8. Syllabus fee	-	-
9. Other Fee	1,424,000.00	1,309,000.00
10. Application Fee	97,500.00	85,400.00
Total (A)	26,736,425.89	20,250,021.50
Examinations		
1. Admission test fee	-	-
2. Annual Examination fee	-	-
3. Mark sheet, certificate fee	-	-
4. Entrance examination fee	-	-
Total (B)	-	-
Other Fees		
1. Identity card fee	-	-
2. Fine/ Miscellaneous fee	109,111.00	106,573.00
3. Medical fee	-	-
4. Transportation fee	-	-
5. Hostel fee	1,543,498.00	1,516,000.00
Total(C)	1,652,609.00	1,622,573.00
Sale of Publications		
1. Sale of Admission forms	-	-
2. Sale of syllabus and Question Paper, etc.	-	-
3. Sale of prospectus including admission forms	-	-
Total (D)	-	-
Other Academic Receipts		
1. Registration fee for workshops, programmes	241,120.50	271,000.00
2. Registration fees (Academic Staff College)	-	-
Total (E)	241,120.50	271,000.00
GRAND TOTAL (A+B+C+D+E)	28,630,155.39	22,143,594.50

Note:

In case fees like entrance fee, subscriptions etc are material and are in the nature of capital receipts, such amount should be recognized to the Capital Fund. Otherwise such fees will be appropriately incorporated in this schedule.

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016**

SCHEDULE 10- GRANTS /SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

Particulars	Plan			Non Plan UGC	Current Year	Previous Year
	Govt. of India	UGC				
		Plan	Specific Schemes			
Balance B/F	40,665,784.30	-	-	-	40,665,784.30	-
Add: Receipts during the year	170,000,000.00	-	-	-	170,000,000.00	-
Total	210,665,784.30	-	-	-	210,665,784.30	-
Less: Refund to UGC	-	-	-	-	-	-
Balance	210,665,784.30	-	-	-	210,665,784.30	-
Less: Utilised for Capital expenditure (A)	17,027,157.42	-	-	-	17,027,157.42	-
Balance	193,638,626.88	-	-	-	193,638,626.88	-
Less: Utilized for Revenue Expenditure (B)	105,362,010.51	-	-	-	105,362,010.51	-
Balance C/F (C)	88,276,616.37	-	-	-	88,276,616.37	-

A- Appears as addition to Capital Fund as well as additions to Fixed Assets during the year.

B- Appears as income in the Income & Expenditure Account.

C- (I) Appears under Current Liabilities in the Balance Sheet and will become the opening balance next year.

(II) Represented by Bank balances, Investments and Advances on the assets side.

NATIONAL INSTITUTE OF TECHNOLOGY GOA SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016

SCHEDULE 11: INCOME FROM INVESTMENTS

Amount in Rupees

	Investment from Earmarked		Investment -Others	
	Current Year	Previous Year	Current Year	Previous Year
1. Interest				
a. On Govt. Securities	-	-	-	-
b. Other Bonds/Debentures	-	-	-	-
2. Interest on Term Deposits	-	-	4,598,297.84	4,692,243.20
3. Income accrued but not due on Term Deposits/Interest bearing advances to employees	-	-	-	-
4. Interest on Savings Bank Accounts	-	-	-	-
5. Others (Specify)	-	-	-	-
TOTAL	-	-	4,598,297.84	4,692,243.20
Transferred to Earmarked/Endowment Funds	-	-	-	-
Balance	-	-	4,598,297.84	4,692,243.20

Note: Interest accrued but not due on Term Deposits from HBA fund, conveyance advance fund and Computer Advance fund and on interest bearing advances to employees will be included here (Item 3), only where Revolving funds (EMF) for such advances have been set up.

SCHEDULE -12: INTEREST EARNED

Amount in Rupees

	Current Year	Previous Year
1. On Savings Account with Scheduled Banks	4,610,241.00	2,140,712.00
2. On Loans		
a. Employee/Staff	-	-
b. Others	-	-
3. Interest on Debtors and Other Recoverables	-	-
TOTAL	4,610,241.00	2,140,712.00

Note:

1. The amount against item 1, in respect of Bank Accounts of Earmarked/Endowment Funds is dealt with in Schedule 11 (First Part) and Schedule 2.
2. Item 2(a) is applicable only if Revolving funds have not been constituted for such advances.

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016**

SCHEDULE 13- OTHER INCOME

- Items of material amounts included in Miscellaneous Income should be separately disclosed.

Amount in Rupees

A. Income from Land & Buildings	Current Year		Previous Year	
1. Hostel Room Rent	-		-	
2. License fee	-		-	
3. Hire Charges of Canteen/Auditorium/Play ground/Convention Centre, etc	84,000.00		7,000.00	
4. Electricity charges recovered	-		-	
5. Water charges recovered	-	84,000.00	-	7,000.00
B. Sale of Institute's publications		-		-
C. Income from holding events				
1. Gross Receipts from annual function/ sports carnival	35,000.00		-	
Less: Direct expenditure incurred on the annual function/ sports carnival	35,000.00		-	-
2. Gross Receipts from fetes	-		-	
Less: Direct expenditure incurred on the fetes	-		-	-
3. Gross Receipts for educational tours	-		-	
Less: Direct expenditure incurred on the tours	-		-	-
4. Others (to be specified and separately disclosed)				
Gross Receipts from Workshops, Short Term courses, etc	762,900.00			
Less: Direct expenditure incurred on Workshops, Short Term courses, etc	749,418.00	13,482.00		-
D. Others				
1. Income from consultancy	-		-	
2. RTI fees	602.00		190.00	
3. Income from Royalty	-		-	
4. Sale of application form (recruitment)	-		-	
5. Misc. receipts (Sale of tender form, waste paper, etc.)	-		-	
6. Profit on Sale/disposal of Assets				
a. Owned assets	-		-	
b. Assets received free of cost	-		-	
7. Grants/Donations from Institutions, Welfare Bodies and International Organizations	-		-	
8 Others (specify) (Credit Balances w/off / Liquidated Damages)	12,471.00	13,073.00	50,961.33	51,151.33
Total		110,555.00		58,151.33

SCHEDULE 14- PRIOR PERIOD INCOME

Amount in Rupees

Particulars	Current Year		Previous Year	
1. Academic Receipts		-		-
2. Income from Investments		-		-
3. Interest earned		-		-
4. Other Income		-		-
Total		-		-

NATIONAL INSTITUTE OF TECHNOLOGY GOA SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016

SCHEDULE 15- STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)

- These shall be classified separately for teaching and non-teaching staff, adhoc staff., Arrears of DA. Salary arrears due to increment shall be shown separately

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Salaries and Wages	44,049,598.00	-	44,049,598.00	-	-	-
b) Allowances and Bonus	601,186.10	-	601,186.10	-	-	-
c) Contribution to Provident Fund	-	-	-	-	-	-
d) Contribution to Other Fund	-	-	-	-	-	-
e) Staff Welfare Expenses	269,863.00	-	269,863.00	-	-	-
d) Retirement and Terminal Benefits	9,582,602.00	-	9,582,602.00	-	-	-
g) LTC facility	737,705.60	-	737,705.60	-	-	-
h) Medical facility	167,581.84	-	167,581.84	-	-	-
i) Children Education Allowance	320,887.00	-	320,887.00	-	-	-
j) Honorarium	-	-	-	-	-	-
l) Others (Lien contribution)	306,000.00	-	306,000.00	-	-	-
TOTAL	56,035,423.54	-	56,035,423.54	-	-	-

SCHEDULE 15 A- EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

Amount in Rupees

Particulars	Pension	Gratuity	Leave Encashment	Total
Opening Balance as on 01.04.2015	-	-	-	-
Addition : Capitalized value of Contributions Received from other Organizations	-	-	-	-
Total (a)	-	-	-	-
Less: Actual Payment during the Year (b)	-	-	-	-
Balance Available on 31.03.2016 c (a-b)	-	-	-	-
Provision required on 31.03.2016 as per Actuarial Valuation (d)	-	1,673,615.00	4,465,848.00	6,139,463.00
A. Provision to be made in the Current year (d - c)	-	1,673,615.00	4,465,848.00	6,139,463.00
B. Contribution to New Pension Scheme				3,443,139.00
C. Medical Reimbursement to Retired Employees				-
D. Travel to Hometown on Retirement				-
E. Deposit Linked Insurance Payment				-
Total (A+B+C+D+E)				9,582,602.00

Note:

1. The total (A+B+G+D+E) in this sub schedule will be the figure against Retirement and Terminal Benefits in Schedule 15.

2. Items B,C,D&E will be accounted on accrual basis and will include bills preferred but outstanding for payment on 31.3.2016.

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016**

SCHEDULE 16- ACADEMIC EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Laboratory expenses	237,066.50	-	237,066.50	-	-	-
b) Field work/Participation in Conferences	153,947.56	-	153,947.56	-	-	-
c) Expenses on Seminars/Workshops	-	-	-	252,407.65	-	252,407.65
d) Payment to visiting faculty .	793,500.00	-	793,500.00	-	-	-
e) Examination	-	-	-	-	-	-
f) Student Welfare expenses	4,531.00	-	4,531.00	-	-	-
g) Admission expenses	19,922.50	-	19,922.50	-	-	-
h) Convocation expenses	1,966,317.05	-	1,966,317.05	-	-	-
i) Publications	-	-	-	-	-	-
j) Stipend/means-cum-merit scholarship	14,665,696.00	-	14,665,696.00	-	-	-
k) Subscription Expenses	12,981,713.00	-	12,981,713.00	-	-	-
l) Others (specify)	-	-	-	-	-	-
TOTAL	30,822,693.61	-	30,822,693.61	252,407.65	-	252,407.65

SCHEDULE 17- ADMINISTRATIVE AND GENERAL EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
A. Infrastructure						
a) Electricity and power	690,405.00	-	690,405.00	-	-	-
b) Water charges	67,689.00	-	67,689.00	-	-	-
c) Insurance	-	-	-	-	-	-
d) Rent, Rates and Taxes (including propertytax)	398,847.00	-	398,847.00	-	-	-
B. Communication						
e) Postage and Stationery	33,448.00	-	33,448.00	-	-	-
f) Telephone, Fax and Internet Charges	1,917,970.00	-	1,917,970.00	-	-	-
C. Others						
g) Printing and Stationery (consumption)	796,357.80	-	796,357.80	-	-	-
h) Travelling and Conveyance Expenses	2,324,718.54	-	2,324,718.54	-	-	-
i) Hospitality	1,014,998.67	-	1,014,998.67	-	-	-
j) Auditors Remuneration	137,100.00	-	137,100.00	-	-	-
k) Professional Charges	-	-	-	-	-	-
l) Advertisement and Publicity	1,620,353.00	-	1,620,353.00	-	-	-
m) Magazines & Journals	19,042.00	-	19,042.00	-	-	-
n) Staff Recruitment/Training Expenses	-	-	-	-	-	-
o) Medical Expenses	80,203.00	-	80,203.00	-	-	-
p) Seed Money / PDA Expenses	1,598,454.60	-	1,598,454.60	-	-	-
q) Security Expenses	4,015,834.16	-	4,015,834.16	-	-	-
r) Membership	113,275.00	-	113,275.00	-	-	-
s) Awards & Prizes	-	-	-	-	-	-
t) Labour & Processing Charges	-	-	-	-	-	-
u) Miscellaneous Expenses	37,398.50	-	37,398.50	-	-	-
TOTAL	14,866,094.27	-	14,866,094.27	-	-	-

SCHEDULE 18-TRANSPORTATION EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1 Vehicles (owned by institution)						
a) Running expenses	351,228.56	-	351,228.56	-	-	-
b) Repairs & maintenance	-	-	-	-	-	-
c) Insurance expenses	-	-	-	-	-	-
2 Vehicles taken on rent/lease						
a) Rent/lease expenses	504,000.00	-	504,000.00	-	-	-
3 Vehicle (Taxi) hiring expenses	-	-	-	-	-	-
TOTAL	855,228.56	-	855,228.56	-	-	-

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016**

SCHEDULE 19- REPAIRS & MAINTENANCE

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Buildings	424,251.75	-	424,251.75	-	-	-
b) Furniture & Fixtures	-	-	-	-	-	-
c) Plant & Machinery	-	-	-	-	-	-
d) Office Equipment	-	-	-	-	-	-
e) Computers (including Software)	648,578.00	-	648,578.00	-	-	-
f) Laboratory & Scientific equipment	-	-	-	-	-	-
g) Audio Visual equipment	-	-	-	-	-	-
h) Cleaning Material & Services	1,421,644.78	-	1,421,644.78	-	-	-
i) Book binding charges	-	-	-	-	-	-
j) Gardening	-	-	-	-	-	-
k) Estate Maintenance	-	-	-	-	-	-
l) Others (Specify)	-	-	-	-	-	-
Total	2,494,474.53	-	2,494,474.53	-	-	-

SCHEDULE 20- FINANCE COSTS

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Bank charges	25,883.00	-	25,883.00	-	-	-
b) Others (specify)	-	-	-	-	-	-
Total	25,883.00	-	25,883.00	-	-	-

Note:

If the amount is not material, the head Bank charges could be omitted and these could be accounted as Administrative expenses in Schedule 17.

SCHEDULE 21- OTHER EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Provision for Bad and Doubtful Debts/Advances	-	-	-	-	-	-
b) Irrecoverable Balances Written- off	-	-	-	-	-	-
c) Grants/Subsidies to other institutions/organizations	-	-	-	-	-	-
d) Others (specify)	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:

Other expenses shall be classified as writes - off, provisions, miscellaneous expenses, loss on sale of investments, loss of fixed assets and loss on sale of fixed assets etc and disclosed accordingly.

SCHEDULE 22: PRIOR PERIOD EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1 Establishment expenses	-	-	-	-	-	-
2 Academic expenses	-	-	-	-	-	-
3 Administrative expenses	262,213.00	-	262,213.00	106,436.08	-	106,436.08
4 Transportation expenses	-	-	-	-	-	-
5 Repairs & Maintenance	-	-	-	-	-	-
6 Other expenses (Consumables W/off)	-	-	-	-	-	-
Total	262,213.00	-	262,213.00	106,436.08	-	106,436.08



NATIONAL INSTITUTE OF TECHNOLOGY GOA SCHEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016

SCHEDULE -23 - SIGNIFICANT ACCOUNTING POLICIES

1) BASIS FOR PREPARATION OF ACCOUNTS

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

2) REVENUE RECOGNITION

2.1 Fees from Students (except Tuition Fees), Sale of Admission Forms, Royalty and Interest on Savings Bank account are accounted on cash basis. Tuition Fees collected separately for each semester is accounted on accrual basis.

2.2 Income from Land, Buildings and Other Property and Interest on Investments are accounted on accrual basis.

3) FIXED ASSETS AND DEPRECIATION

3.1 Fixed Assets are valued at cost less depreciation. Fixed assets are stated at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning. Cost includes all attributable cost in bringing the assets to its working condition for the intended use.

3.2 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 9.1 below. Equal amount is credited to Deferred Income under I&E account by transfer from Corpus / Capital Funds as stated in 9.2 below.

3.3 The fixed assets of the institute was physically verified vis-à-vis fixed asset register.

3.5 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. Current the applicable rates of depreciation on Fixed Assets are as follows:

Tangible Assets:

1. Land	0%
2. Site Development	0%
3. Buildings	10%
4. Electrical Installation and equipment	15%
5. Plant & Machinery	15%
6. Scientific & Laboratory Equipment	15%
7. Office Equipment	15%
8. Audio Visual Equipment	15%
9. Computers & Pheripherals including computer software	60%

10. Furniture, Fixtures & Fittings	10%
11. Vehicles	15%
12. Library Books	60%

Intangible Assets (amortization):

1. Patents and Copyrights	25%
---------------------------	-----

3.6 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 Corpus/Capital Fund. Therefore, the amount of depreciation is not an expenditure or charge on the income for the year.

3.7 Where an asset is fully depreciated, it will be carried at a residual value of Re.1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on the additions of each year separately at the rate of depreciation applicable for that asset head.

3.8 Assets created out of Earmarked Funds and funds of Sponsored Projects, where the ownership of such assets vests in the Institution, are setup by credit to Corpus/Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets. Assets created out of Sponsored Project funds, where the ownership is retained by the sponsors but held and used by the Institution are separately disclosed in the Notes on Accounts.

3.9 Gifted/Donated assets are valued at the declared value where available; if not available, the value is estimated based on the present market value adjusted with reference to the physical condition of the asset. They are set-up by credit to Corpus/Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets.

4) **Intangible Assets:** Patents and Copy rights are grouped under Intangible Assets.

4.1. **PATENTS:** The expenditure incurred from time-to-time (application fees, legal expenses etc.) for obtaining Patents is temporarily capitalized and shown as part of Intangible Assets in the Balance Sheet. If applications for patents are rejected, the cumulative expenditure incurred on the particular patent is written off to the Income & Expenditure Account in the year the application is rejected. The expenditure on Patents granted is depreciated as per rates prescribed under Income Tax Act, 1961.

4.2. Electronic Journals (E-Journals) are separated from Library Books in view of the limited benefit that could be derived from the on-line access provided. Expenditure on E-journals for respective year is treated as expenditure in Income & Expenditure Account and expenditure for subsequent year is transferred to prepaid expenses in Balancesheet.

4.3. Expenditure on acquisition of software has been shown as computers and peripherals. Depreciation is provided in respect of software at 60% as provided in respect of Computers & Peripherals as Computers includes Computer Software as per Income Tax Act, 1961.

5) 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.

6) RETIREMENT BENEFITS

Retirement benefits i.e., pension, gratuity and leave encashment are provided on the basis of actuarial valuation. The Actual payments of Pension, Gratuity and Leave encashment are debited in the Accounts to the respective provisions. Other retirement benefits viz. Deposit Linked Insurance, Contribution to New Pension Scheme, Medical reimbursement to retired employees and Travel to Home Town on retirement are accounted on accrual basis (actual payments plus outstanding bills at the end of the year).

7) INVESTMENTS

"a. Long term investments are carried at their cost or face value whichever is lower. However any permanent diminution in their value as on the date of the Balance Sheet is provided for. b. Short Term investments are carried at their cost or market value (if quoted) whichever is lower."

8) Earmarked/Endowment Funds

The following long terms funds are earmarked for specific purposes. Each of the funds has a separate bank account. Those with large balances also have investments in Government Securities, Debentures and Bonds and Term Deposits with Banks. The income from investments / advances (House Building Conveyance and computer) on accrued basis and interest on savings Bank Accounts are credited to the respective Funds. The expenditure and advances (in the case of House Building & Conveyance/Computer) are debited to the fund. The assets created out of Earmarked Funds where the ownership Vests in the Institution, are merged with the assets of the Institution by crediting an equal amount to the Corpus/Capital Fund. The balance in the respective funds is carried forward and is represented on the assets side by the balance at Bank , Investments and accrued interest.

"8.1 CORPUS/CAPITAL FUND was established in 2010. Matching contribution of Plan Grants from MHRD, Recognition/Affiliation fee received from Colleges and other academic institutions, Institution's share of Consultancy fees and contributions from Research Projects are treated as additions to Corpus/Capital fund. Income from investments of the fund is added to the Fund. The Corpus/Capital Fund is utilized for both Revenue and Capital expenditure based on the guidelines by the MHRD and the Executive council of the Institution from time to time. The assets created out of the Corpus/Capital Fund are merged with the assets of the Institution by crediting an equal amount to the Corpus/Capital Fund."

"8.2 Endowment Funds : Endowments are funds received from various individual donors, Trusts and other organizations, for establishing Chairs and for Medals & Prizes, as specified by the Donors. While each of the Endowment funds has its own investment there is one savings Bank Account for all the Endowment funds, as the uninvested balances against them are negligible. The income from investment of each Endowment Fund is added to the Fund. The interest on Savings Bank a/c is allocated to all the Endowment funds in the ratio of the year end closing balances in each fund. The expenditure on Medals & Prizes is met from the interest earned on investment of the respective Endowment Funds and the balance is carried forward. In respect of Chairs, however, the corpus of the Endowment is also used. The balances are represented by Investment in RBI Bonds and Fixed Deposits and balance in the Saving Bank Account common for all Endowments, and Accrued Interest on Investments."

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(23A) 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/Capital 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 as Current Assets and interest realized on the same is transferred to Interest Earned.

7) FOREIGN CURRENCY TRANSACTIONS

Transactions denominated in foreign currency are accounted at the exchange rate prevailing on the date of the transaction.

8) LEASE

Lease rentals are expended with reference to lease terms.

9) GOVERNMENT GRANTS

9.1 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 is carried forward for utilization in the subsequent years. As such the unspent amount of grants is a liability of the Institute and is disclosed as "Unutilised Grants" under Current Liabilities.

9.2 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 Corpus/Capital Fund.

9.3 Government Grants and UGC grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31 " March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as recoverable from the Grantor.

9.4 To the extent utilized towards capital expenditure, (on accrual basis) government grants and grants from UGC are transferred to the Capital Fund.

9.5 Government and UGC grants for meeting Revenue Expenditure (on accrual basis) are treated, to the extent utilized, as income of the year in which they are realized.

10) SPONSORED PROJECTS

10.1 In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head "Current Liabilities and Provisions -Current Liabilities -Other Liabilities -Receipts against ongoing sponsored projects." As and when expenditure is incurred /advances are paid against such projects, or the concerned project account is debited with allocated overhead charges, the liability

account is debited.

10.2 In addition to the Earmarked Fund for the Junior Research Fellowships funded by the University Grants Commission, Fellowships and Scholarships are also sponsored by various organizations. These are accounted in the same way as Sponsored Projects except that the expenditure generally is only on disbursement of Fellowships and Scholarships, which may include allowances for contingent expenditure by the Fellows and scholars.

10.3 The Institution itself also awards Fellowships and Scholarships, which are accounted as Academic expenses.

10.4 Following Projects are conducted at the institute :

- a) The Institute has started a new project "Visvesvaraya PhD Scheme for Electronics and IT" to enhance Ph.D in Electronic systems in collaboration with Media Lab Asia a company of Dept of Electronics & IT (Ministry of IT, Gov of India)
- b) Also, a project on "Integrated Computational and Experimental Approach to Structural design for ballistic impacts and blasts" sponsored by Indian Institute of Science, Bangalore
- c) A project on "Design, Simulation and Implementation of Bandpass Sigma Delta" sponsored by Science Engineering Research Board.
- d) A project on "Development Of Efficient Algorithms For Photoacoustic Tomography (Pat)" sponsored by Science Engineering Research Board.
- e) A project on "EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates" sponsored by Science Engineering Research Board.
- f) A project on "Special Manpower Development Program for Chips to System Design" sponsored by Central Electronics Engineering Research Institute.

The grants received for above projects are disclosed under separate fund under Current Liabilities & Provisions under schedule 3 A 6(b) .



NATIONAL INSTITUTE OF TECHNOLOGY GOA SCHEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDED 31ST, MARCH, 2016

SCHEDULE -24 - 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 - Rs. NIL (Previous Year - Letter of Credit opened with Corporation Bank on behalf of the Institute in favour of OPAL-RT Technologies .Inc dated 17/03/2015 for USD 90065.17)
- 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) FIXED ASSETS

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. The process of acquisition of Land at Cuncolim, Goa for permanent campus of Institute is in progress and will be shifted once the Land is allotted and construction thereon is completed.

3.1 Additions in the year to Fixed Assets in Schedule 4 include Assets purchased out of Plan Funds (Rs. 1,70,27,157.42/-, Non-Plan Funds (Rs. NIL), Sponsored Projects (Rs .8,11,729/-) and Library Books and other assets of the value of(Rs .NIL) gifted to the Institution.

3.2 Fixed assets as set out in Schedule 4 do not include assets purchased out of funds of sponsored projects, held and used by the Institution, as project contracts include stipulations that all such assets purchased out of projects funds will remain the property of the sponsors.

The Details of Such Assets are :

Assets	Original Cost as on 01.04.2015	Additions during the year	Total (Rs.)	Notional Depreciation Opening Balance	Notional Depreciation for the year (Rs.)	Total Notional Depreciation	Total Book Value as on 31.03.2016
Laboratory Equipment	-	-	-	-	-	-	-
Computers	-	-	-	-	-	-	-
Office equipment	-	-	-	-	-	-	-
Furniture, Fixtures & Fittings	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

4) LEASE OBLIGATIONS

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

5) FOREIGN CURRENCY TRANSACTIONS

	Current Year	(Amount) 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 Good	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:		
- Online Subscription	Rs. 72,44,233/-	Rs.61,32,455/-
- License Fee for Software/Web Edition	NIL	Rs.17,01,870/-
- Miscellaneous Expenses	NIL	NIL
5.3 Earnings:		
- Value of Exports on FOB basis NIL	NIL	NIL
5.4 Remunerations to auditors:		
As Auditors:		
- Taxation matters	NIL	NIL
- For Management Services	NIL	NIL
- For Certification	NIL	NIL
Others (Internal Audit)	1,37,100/-	1,35,160/-

6) CURRENT ASSETS, LOANS AND ADVANCES AND DEPOSITS

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.

7) The details of balances in Saving Bank Accounts, Current Accounts and Fixed Deposit Accounts with Banks are enclosed as annexure 'A' to the Schedule of Current Assets.

8) As the Provident Fund Accounts and the New Pension Scheme Account are owned by the members of those funds and not by the Institution, these accounts were separated from the Institution's Accounts from 31.03.2016. A Receipts & Payments Account, an Income & Expenditure Account (on Accrual basis) and a Balance Sheet of the Provident Fund Accounts as well as the New Pension Scheme for the year 2015-16 have been attached, to the Institution's Accounts. All subscriptions during the year 2015-16 to the New Pension Scheme funds (Rs.68.56 Lakhs) in respect of 72 employees who have been allotted PRA numbers has been transferred upto 28.02.2016 to National Securities Depository Limited (NSDL) - Central Record keeping Agency (CRA). The balance held in New Pension Scheme for the month of March-16 in the Institution in respect of about 67 members will be transferred in April 2016.

9) The Institute had collected in earlier years Hostel Development fund from students towards the development of hostels. However the institute is currently utilising the hostels infrastructure of Goa Engineering College as such it has not utilised the said fund. The balance in the fund will be utilised once the institute setup its own premises.

9) The Institute has collected Institute Development fund from students towards the development of Institute Premises. However the institute is currently running in the temporary premises of ITI as such it has not utilised the said fund. The balance in the fund will be utilised once the institute setup its own premises.

10) Additional Information for Stakeholders :

i) Details of No. of Students

Sr. no.	Stream	I year	IIInd Year	IIIrd Year	IVth Year	Total
1	B Tech	78	85	64	82	309
2	B.Tech DASA	4	2	3	2	11
3	M.Tech	47	46	-	-	93
4	Ph. D	9	4	-	-	13
5	Ph. D (Visvesvaraya Scheme)	2	2	-	-	4
	Total	140	139	67	84	430

ii) No. of Professors

Sr. no.	Stream	2015-16	2014-15
1	CSE	9	10
2	HSE	7	6
3	ECE	13	13
4	EEE	7	8
	Total	36	37

iii) Collection on account of Building fund and expenditure thereof - NIL

iv) Collection for Sports activities and expenditure thereof

Sr. no.	Particulars	Current Year	Previous Year
1	Collection for Sports Activities	-	-
2	Expenditure for Sport Activities		
a	Expenses for participating in All India NIT competition at SVNIT Surat from 03.04.2015 to 05.04.2015	21,751	-
b	Expenses towards inter year sports 2015	2,588	-
c	Purchase of Sports Goods	144,092	125,212
d	Expenses for participating in All India NIT competition at SVNIT Surat from 11.03.2016 to 13.03.2016	41,747	-
e	Expenses for participating in All India NIT competition at NIT Calicut from 26.03.2016 to 29.03.2016	50,187	-
f	Expenses for participating in All India NIT competition at NIT Rourkela from 23.01.2015 to 25.01.2015	-	58,104
g	Expenses for participating in Football competition at NIT Warangal from 05.02.2015 to 08.02.2015	-	29,878
g	Expenses towards annual sports & Cultural fest 2015 on 27.03.2015	-	43,268
	Total Expenditure towards Sports Activities	260,365	256,462

v) Collection for co-curricular activities and expenditure thereof

Sr. no.	Particulars	Current Year	Previous Year
1	Collection for Co-curricular activities		
	Sponsorship for Technival Event	35,000	196,535
2	Expenditure for Cultural Activities		
a	Expenses towards Farewell to outgoing students	33,074	55,266
b	Expenses towards participation in Students Parliament Competition	3,000	-
c	Expenses to participate in event Plexus held by Goa Medical College	2,707	-
d	Technival Event Expenses	55,000	222,279
	Total Expenditure towards Cultural Activities	93,781	277,545

vi) Collection on account of development charges and expenditure thereon - NIL

vii) Collection for medical expenses and expenditure thereon - NIL

viii) Compliance with statutory dues like TDS, EPF and ESI

Sr. No.	Type of Statutory Dues	Current Year			
		Month	Due Date of Payment	Actual Date of Payment	Due Date of Payment
1	Salaries	Mar-15	299,170.00	07-04-15	07-04-15
2	Salaries	Apr-15	285,910.00	05-05-15	07-05-15
3	Contract	Apr-15	2,357.00	05-05-15	07-05-15
4	Non-Residents	Apr-15	2,778.00	05-05-15	07-05-15
5	Salaries	May-15	266,450.00	04-06-15	07-06-15
6	Non-Residents	May-15	2,778.00	04-06-15	07-06-15
7	Contract	May-15	10,829.00	04-06-15	07-06-15
8	Contract	May-15	16,058.00	04-06-15	07-06-15
9	New Pension Contribution	Apr-15	580,502.00	07-05-15	25-05-15

10	New Pension Contribution	May-15	527,508.00	01-06-15	25-06-15
11	Salaries	Jun-15	258,920.00	03-07-15	07-07-15
12	Professional	Jun-15	2,280.00	03-07-15	07-07-15
13	Contract	Jun-15	40,375.00	03-07-15	07-07-15
14	Non-Residents	Jun-15	2,778.00	03-07-15	07-07-15
15	Salaries	Jul-15	262,140.00	04-08-15	07-08-15
16	Non-Residents	Jul-15	2,778.00	04-08-15	07-08-15
17	Contract	Jul-15	12,883.00	04-08-15	07-08-15
18	New Pension Contribution	Jun-15	509,744.00	30-06-15	25-07-15
19	New Pension Contribution	Jul-15	515,300.00	31-07-15	25-08-15
20	Salaries	Aug-15	260,730.00	01-09-15	07-09-15
21	Contract	Aug-15	9,632.00	01-09-15	07-09-15
22	Contract	Aug-15	3,075.00	01-09-15	07-09-15
23	Non-Residents	Aug-15	2,778.00	01-09-15	07-09-15
24	Salaries	Sep-15	277,810.00	30-09-15	07-10-15
25	Non-Residents	Sep-15	2,778.00	30-09-15	07-10-15
26	Contract	Sep-15	10,084.00	30-09-15	07-10-15
27	Contract	Sep-15	13,024.00	30-09-15	07-10-15
28	New Pension Contribution	Aug-15	512,782.00	31-08-15	25-09-15
29	New Pension Contribution	Sep-15	687,836.00	30-09-15	25-10-15
30	Salaries	Oct-15	269,270.00	31-10-15	07-11-15
31	Contract	Oct-15	26,348.00	29-10-15	07-11-15
32	Contract	Oct-15	12,984.00	29-10-15	07-11-15
33	Non-Residents	Oct-15	17,940.00	29-10-15	07-11-15
34	Non-Residents	Oct-15	8,583.00	29-10-15	07-11-15
35	Professional	Oct-15	79,500.00	29-10-15	07-11-15
36	Salaries	Nov-15	274,952.00	30-11-15	07-12-15
37	Non-Residents	Nov-15	11,179.00	30-11-15	07-12-15
38	Contract	Nov-15	9,986.00	30-11-15	07-12-15
39	Contract	Nov-15	13,411.00	30-11-15	07-12-15
40	Professional	Nov-15	4,560.00	30-11-15	07-12-15
41	New Pension Contribution	Oct-15	573,892.00	30-10-15	25-11-15
42	New Pension Contribution	Nov-15	585,814.00	30-11-15	25-12-15
43	Salaries	Dec-15	188,932.00	01-01-16	07-01-16
44	Contract	Dec-15	13,039.00	01-01-16	07-01-16
45	Contract	Dec-15	18,590.00	01-01-16	07-01-16
46	Non-Residents	Dec-15	11,179.00	01-01-16	07-01-16
47	Salaries	Jan-16	196,880.00	29-01-16	07-02-16
48	Non-Residents	Jan-16	11,179.00	29-01-16	07-02-16
49	Contract	Jan-16	14,255.00	29-01-16	07-02-16
50	Professional	Jan-16	36,255.00	29-01-16	07-02-16
51	New Pension Contribution	Dec-15	567,580.00	31-12-15	25-01-16
52	New Pension Contribution	Jan-16	565,664.00	29-01-16	25-02-16
53	Salaries	Feb-16	233,319.00	02-03-16	07-03-16
54	Contract	Feb-16	14,698.00	02-03-16	07-03-16
55	Professional	Feb-16	260,144.00	02-03-16	07-03-16
56	Contract	Feb-16	23,218.00	02-03-16	07-03-16
57	Non-Residents	Feb-16	11,179.00	02-03-16	07-03-16
58	Salaries	Mar-16	298,994.00	07-04-16	07-04-16
59	Non-Residents	Mar-16	11,179.00	07-04-16	07-04-16
60	Contract	Mar-16	25,438.00	07-04-16	07-04-16
61	Contract	Mar-16	17,431.00	07-04-16	07-04-16
62	Contract	Mar-16	1,380.00	07-04-16	07-04-16
63	Professional	Mar-16	275,953.00	07-04-16	07-04-16
64	New Pension Contribution	Mar-16	609,604.00	29-02-16	25-03-16

ix) Salary structure of teachers

Sl. No.	Name of the Employees	EC	GCN No.	Pay Band
1	Prof. G.R.C. Reddy	1110001	G0001	75000 [Fixed]
2	Dr. Saidi Reddy Parne	1130009	N0009	15600-39100 (PB-3)
3	Dr. Damodar Reddy Edla	1130011	N0013	15600-39100 (PB-3)
4	Dr. Suresh Mikkili	1130012	N0014	15600-39100 (PB-3)
5	Dr. Velavan Kathirvelu	1130013	N0015	15600-39100 (PB-3)
6	Dr. B. Venugopal Reddy	1130014	N0016	15600-39100 (PB-3)
7	Dr. Sarani Ghosal Mondal	1130015	N0017	15600-39100 (PB-3)
8	Dr. Veena Thenkanidiyoor	1130016	N0018	15600-39100 (PB-3)
9	Dr. Lalit Kumar Jiwani	1130021	N0022	37400-67000 (PB-4)
10	Dr. Purushothama B.R.	1130022	N0023	15600-39100 (PB-3)
11	Dr. Ragoju Ravi	1130024	N0025	15600-39100 (PB-3)
12	Dr. Vasantha M.H. Rao	1130032	N0033	15600-39100 (PB-3)
13	Dr. Veerakumar T	1130033	N0034	15600-39100 (PB-3)
14	Dr. Raviprasad K J	1130034	N0035	15600-39100 (PB-3)
15	Dr. Anirban Chatterjee	1130035	N0036	15600-39100 (PB-3)
16	Dr. Nithin Kumar Y.B.	1130036	N0037	15600-39100 (PB-3)
18	Dr. Sree Raj E.S	1140041	N0042	15600-39100 (PB-3)
19	Dr. Keshavamurthy B.N.	1140043	N0044	15600-39100 (PB-3)
20	Dr. Badri Narayan Subudhi	1140044	N0045	15600-39100 (PB-3)
21	Dr. S. Mini	1140045	N0046	15600-39100 (PB-3)
22	Dr. Pravati Swain	1140064	N0063	15600-39100(PB-3)
23	Dr. Venkatanareshbabu Kuppili	1140065	N0064	15600-39100(PB-3)
24	Dr. Trilochan Panigrahi	1140066	N0065	15600-39100(PB-3)
25	Dr. Rahulkar Amol Deodas	1140067	N0066	15600-39100(PB-3)
26	Dr. Modi Chirag Navin Chandra	1140068	N0067	15600-39100(PB-3)
27	Dr. C. Vyjayanthi	1140069	N0068	15600-39100(PB-3)
28	Dr. Ankit Prakash Chandra Dubey	1140070	N0069	15600-39100(PB-3)
29	Dr. Shivnarayan Patidar	1150071	N0070	15600-39100(PB-3)
30	Dr. Prashanth G. R.	1150072	N0071	15600-39100(PB-3)
31	Dr. Lalat Indu Giri	1150073	N0072	15600-39100(PB-3)
32	Dr. Soumitra Das	1150074	N0073	15600-39100(PB-3)
33	Dr. B. Sharat Chandra Varma	1150075	N0074	15600-39100(PB-3)
34	Dr. L. Shangerganesh	1160083	N0082	15600-39100(PB-3)

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

12) Schedules 1 to 24 are annexed to and form an integral part of the Balance Sheet as at March 31, 2016 and the Income and Expenditure for the year ended on that date.

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

PLACE: PONDA, GOA
DATE: 11-05-2016

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787

SUB SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2016

Amount in Rupees

Sub Schedule 1: Deposit from Students	Current Year	Previous Year
Deposits from Students		
Students Fee Refundable (B-Tech)	3,061.00	1,000.00
Students Hostel Fee Refundable	23,350.00	-
Btech Advance Hostel Fees	7,618.00	-
Security Deposit of Students		
B Tech Security Deposit Refundable	1,320,000.00	1,456,000.00
M-Tech Security Deposit Refundable	388,000.00	212,000.00
PHD Security Deposit Refundable	68,000.00	28,000.00
Mess Deposit		
Mess Adv.	2,964,871.00	2,744,931.00
Alumini Association Contribution		
Alumini Association (NITGAA) (PHD)	18,000.00	7,000.00
Alumni Association(NITGAA) (B Tech)	36,000.00	-
Alumni Association(NITGAA) (M Tech)	103,000.00	54,000.00
SAC(Student Activity Centre)Fee	739,203.99	668,029.28
Hall Establishment Charges	6,123,749.00	4,633,364.50
TOTAL	11,794,852.99	9,804,324.78
Sub Schedule 2: Sundry Creditors for Goods & Services	Current Year	Previous Year
For Goods & Services		
O/s CPWD, Goa	897,527.50	1,140,028.50
O/s Digital Magic	-	-
O/s Elegante Interiors	-	2,488,400.00
O/s Osaw Industrial Products Pvt. Ltd.	-	-
O/s Ragiv Marketing	-	-
O/s Smartsoft	-	-
O/s. Ruby Interior	-	2,099,170.00
Sunil Books Service	-	-
TOTAL	897,527.50	5,727,598.50
Sub Schedule 3: Deposits Others	Current Year	Previous Year
Security Deposits		
SD Associated Scientific Corp. (I)	23,100.00	23,100.00
SD Eagle Photonics	8,525.00	8,525.00
SD Electrovision	1,000.00	1,000.00
SD Elegante Interior	-	131,500.00
SD Galaxy Computers	4,698.00	4,698.00
SD Jayam Electronics	2,137.00	2,137.00
SD Klaas Marketing Co.	-	11,500.00
SD Pragna Microdesign	42,877.00	29,492.00
SD Ragiv Marketing	28,250.00	28,250.00
SD Thunder Force Pvt. Ltd.	10,000.00	10,000.00
SD Gurukul Online Learning Solutions	11,025.00	11,025.00
SD Hotel Sanman	11,000.00	11,000.00
SD Ruby Interio	-	44,500.00
SD Smartsoft	77,800.00	36,800.00
SD Accurate Machine Tools	-	16,667.00
SD Advanced Electronic Systems	2,105.00	2,105.00
SD Aimil Ltd.	20,000.00	-
Sd CMM Arena Retail Pvt. Ltd.	3,599.00	-
SD Coreel Technologies	7,301.00	-
Sd Labindia	14,560.00	-
Sd Mega Networks Pvt. Ltd.	7,000.00	-
SD Octagon Manufacturing Technology	3,213.00	-
SD Shree Vinayaka Enterprises	12,968.00	-
Sd Vitronics (India)	11,000.00	-
Performance Gurantee of Supplier/Contractor		
PG Opal RT Technologies Inc	573,895.00	-
TOTAL	876,053.00	372,299.00

Sub Schedule 4: Statutory Liabilities	Current Year	Previous Year
PF Subscription	106,806.00	237,330.00
Tax(IT/SC/EC) Professional U/s.194J	275,953.00	89,527.00
Tax Deducted at Source (Non-Resident Sec 195)	11,179.00	-
Tax (IT/SC/EC)Contractor	44,249.00	42,700.00
TOTAL	438,187.00	369,557.00

SUB SCHEDULE 5: Other Current Liabilities		
Salaries		
O/s Salary & Wages	4,154,309.00	3,756,468.00
Other funds		
C DAC (NaMPET-II)	295,000.00	-
Global Initiative for Academic Networks-Damodar Reddy	816,000.00	-
Global Initiative for Academic Networks-Soumitra Das	801,823.00	-
Grant From Media Asia Lab for Digital India Week Event	6,353.00	-
Other liabilities		
O/s Electricity Charges	60,128.00	40,971.00
O/s. Bank Charges	-	9,482.00
O/s Lien Contribution of Prof. GRC Reddy	25,500.00	25,500.00
O/s MGM International Travels	94,685.00	62,510.00
O/s Naresh Revodkar	35,280.00	70,560.00
O/s News Paper & Periodicals	5,051.00	1,509.00
O/s NPS Matching Share	325,938.00	281,952.00
O/s Postage	1,720.00	1,626.00
O/s Repair & Maint.	8,796.00	-
O/s Sai Hospitality	643,762.00	598,486.00
O/s. Ecoclean Systems & Solutions	-	122,257.45
Technival Expenses Payable	55,000.00	-
O/s. PDA Expenses	11,768.00	-
O/s.Sai Ram Medical Stores	17,140.00	-
O/s. Sree Vinayaka Enterprises	136,570.00	-
O/s. Seed Money Expenses	10,142.00	11,322.00
O/s Stipend (M Tech & Phd)	1,502,290.00	1,139,980.00
O/s. Subscription	4,761,183.00	4,446,864.00
O/s Telephone Charges	39,629.90	35,541.00
O/s Registration Fees	-	-
O/s Vehicle Running & Maint.	37,760.00	18,870.00
O/s Water Charges	-	1,527.00
O/s Thunder Force Pvt. Ltd.	328,376.00	296,376.44
Project O/s. Liabilities		
O/s. Stipend (Phd Visvesvaraya Scheme)	99,000.00	51,750.00
O/s. Stipend Payable(SERB- EPR)	25,000.00	-
O/s. Travelling Expenses Payable	3,856.00	-
O/s. IVC Pumps Pvt. Ltd.	3,000.00	-
O/s. MGM International Travels	9,850.00	-
TOTAL	14,314,909.90	10,973,551.89

SUB SCHEDULE 6: PROVISIONS	Current Year	Previous Year
O/s Audit Fee	41,220.00	20,520.00
TOTAL	41,220.00	20,520.00

SUB SCHEDULE 7: LOANS & ADVANCES	Current Year	Previous Year
CPWD, Goa	10,786,438.00	8,653,980.00
CPWD, Goa (Civil)	630,000.00	630,000.00
CPWD, Goa (Electrical)	169,800.00	69,800.00
Chief Controller of Accounts, Supply Division	4,275.00	-
Maruti Suzuki India Limited - Advance for Ambulance Vehicle	392,177.00	-
Miscellaneous Advance		
Diwakar Prasad Tripathi	-	1,006.00
Imprest Advance		
Prasanth P., SO	-	30,000.00
Receivable From GSL	10,000.00	-
CSAB-2014	-	40,000.00
Sub Total	11,992,690.00	9,424,786.00
Income Accrued		
Accrued Interest on Investment	2,206,561.04	2,349,916.20
Prepaid Expenses	9,702,325.00	7,045,112.00
Grants Receivable		
MHRD (Plan Grant Receivable)	8,500,000.00	-
TOTAL	32,401,576.04	18,819,814.20

Sub Schedule 8: Deposits (Assets)	Current Year	Previous Year
SDR J.G.Sathe	75,000.00	75,000.00
TOTAL	75,000.00	75,000.00

Sub Schedule 9: Expenditure on Sponsored Projects	Current Year	Previous Year
<u>An Integrated Computational and Experimental Approach to Structural design for ballistic impacts and blasts sponsored by Indian Institute of Science</u>		
Travelling & Conveyance Expenses	87,531.00	2,842.47
<u>EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates - SERB</u>		
Equipment	734,829.00	-
Consumables	80,436.00	-
Manpower	83,871.00	-
<u>Grants Received From Special Manpower Development Program for Chips to System Design - Central Electronics Engineering Research</u>		
Travel & Training	128,851.50	-
<u>Visvesvaraya Phd Scheme - Media Lab Asia</u>		
Contingency	47,469.00	-
Fellowship/Stipend	895,500.00	126,290.00
HRA	88,824.00	6,750.00
Infrastructure	76,900.00	-
<u>Plan Grant for Conducting Workshop & Seminar Under PMMMNMTT Scheme -MHRD</u>		
Workshop Expenses	336,239.00	-
TOTAL	2,560,450.50	135,882.47

**NATIONAL INSTITUTE OF TECHNOLOGY GOA RECEIPTS
AND PAYMENTS FOR THE YEAR ENDED 31ST, MARCH, 2016**

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances (As per RP Schedule 1)			I. Expenses (As per RP Schedule 13)		
a) Cash in Hand	-	-	a) Establishment Expenses	45,355,116.54	36,208,659.77
b) Bank Balances	318,997.00	318,997.00	b) Academic Expenses	23,800,072.61	6,761,504.74
i) in current accounts	55,639,933.00	91,061,722.00	c) Administrative Expenses	20,505,603.44	17,795,080.51
ii) in deposit accounts	87,385,960.18	9,362,228.78	d) Transportation Expenses	788,188.56	1,050,340.00
iii) in savings accounts	-	-	e) Repairs & Maintenance	393,196.75	1,266,606.00
II. Grant Received (As per RP Schedule 2)			f) Prior Period Expenses	262,213.00	39,237.00
a) From Govt. of India	125,000,000.00	88,000,000.00	II. Payments made against Earmarked/Endowment Funds (As per RP Schedule 14)	-	1,000.00
Plan Grant - Capital	36,500,000.00	22,000,000.00	III. Payments against Sponsored Projects/Schemes (As per RP Schedule 15)	1,611,015.50	84,132.47
Plan Grant - Revenue	-	-	IV. Payments against Sponsored Fellowships/Scholarships (As per RP Schedule 16)	4,973,773.00	745,080.00
b) From State Govt.	-	-	V. Investments and Deposits made	-	-
c) From other sources	-	-	a) Out of Earmarked/Endowments funds	-	-
(Grants for Capital & revenue expto be shown separately if available)			b) Out of own funds (Investments- Others)	-	-
III. Academic Receipts (As per RP Schedule 3)	21,924,108.50	18,860,725.50	VI. Term Deposits with Scheduled Banks (As per RP Schedule 17)	-	-
IV. Receipts against Earmarked/Endowment Funds (As per RP Schedule 4)	884,000.00	961,000.00	VII. Expenditure on Fixed Assets and Capital Works - in- Progress (As per RP Schedule 18)	17,852,756.42	23,179,535.68
1)	7,694,801.00	1,250,000.00	a) Fixed assets	-	-
2)	7,260,785.00	2,025,080.00	b) Capital Works-in-progress	37,260,317.89	31,012.00
VI. Receipts against sponsored Fellowships and Scholarships (As per RP Schedule 6)	-	-	VIII. Other Payments including statutory Payments (As per RP Schedule 19)	-	34,461,480.51
a) Earmarked/Endowment Funds	-	-	IX. Refunds of Grants	-	-
b) Other investments	-	-	X. Deposits and Advances (As per RP Schedule 20)	2,065,912.50	2,671,352.75
VIII. Interest Received (As per RP Schedule 7)	4,741,653.00	7,274,847.00	XI. Other Payments	-	-
a) Bank Deposits	4,791,841.00	2,166,296.00	a) Cash in hand	318,997.00	318,997.00
b) Loans and Advances	-	-	b) Bank Balances	-	-
c) Saving Bank Accounts	-	-	i) in current accounts	-	-
IX. Investments Encashed	-	-	ii) in deposit accounts	55,271,711.00	55,639,933.00
X. Term Deposits with Scheduled Banks Encashed (As per RP Schedule 8)	-	-	iii) in savings accounts	175,435,556.36	87,385,960.18
XI. Other income (including Prior Period Income) (As per RP Schedule 9)	84,897.00	7,190.00			
XII. Deposits and Advances (As per RP Schedule 10)	21,594,537.39	15,300,425.33			
XIII. Miscellaneous Receipts including Statutory Receipts (As per RP Schedule 11)	11,039,397.00	8,579,460.00			
XIV. Any other receipts - Misc (As per RP Schedule 12)	1,033,520.50	471,940.00			
TOTAL	385,894,430.57	267,639,911.61	TOTAL	385,894,430.57	267,639,911.61

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

**PLACE: PONDA, GOA
DATE: 11-05-2016**

**IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W**

**C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787**

SCHEDULES FORMING PART OF RECEIPTS AND PAYMENT FOR THE YEAR ENDED MARCH 31,2015

OPENING CASH AND BANK BALANCES

RP Schedule -1

	Current Year		Previous Year	
a) Cash in Hand				
Cash		-		-
b) Bank Balances				
i) in current accounts				
Corp. Bank Current A/c No.01/000001		318,997.00		318,997.00
ii) in deposit accounts				
Investment A/c No.130061(CB)(Plan)	-		9,900,000.00	
Investment A/c No.130062(CB)(Plan)	-		9,900,000.00	
Investment A/c No.130063(CB)(Plan)	-		4,584,665.00	
Investment A/c No.130105(CB)(Plan)	-		21,121,520.00	
Investment A/c No.130078(CB)(Plan)	-		22,544,540.00	
Investment A/c No.130106(CB)(Plan)	-		23,010,997.00	
Investment A/c. No. 140156 (CB)	24,763,779.00		-	
Investment A/c. No.140157 (CB)	25,276,154.00		-	
Fixed Deposit KCC/01/150025 Agst Letter of Credit	5,600,000.00	55,639,933.00	-	91,061,722.00
iii) In Saving Accounts				
Corp. Bank Growth Fund A/c No.SB/1935	7,322,688.50		3,478,173.00	
Corp. Bank Hostel A/c No.SB/1250	7,540,879.50		3,876,725.25	
Corp. Bank Mis. A/c No.SB/01/1915	415,424.00		296,203.00	
Corp. Bank NIT Plan A/c No.SB/000653	69,615,516.65		1,711,127.53	
Corporation Bank SB/01/003573	2,491,451.53	87,385,960.18	-	9,362,228.78
TOTAL		143,344,890.18		100,742,947.78

Grant Received

RP Schedule -2

	Current Year		Previous Year	
a) From Govt. of India				
Plan Grant -Capital				
Plan Grant (CCA-35)	125,000,000.00		88,000,000.00	
Plan Grant -Revenue				
Plan Grant (GA-31)	12,000,000.00		11,000,000.00	
Plan Grant (Sal.-36)	24,500,000.00	161,500,000.00	11,000,000.00	110,000,000.00
b) From State Govt.		-		-
c) From other sources		-		-
TOTAL		161,500,000.00		110,000,000.00

Academic Receipts

RP Schedule -3

	Current Year		Previous Year	
Institute Fines		64,200.00		74,150.00
Library Fines		29,872.00		26,203.00
Breakage Charges		15,039.00		6,220.00
Fees/subscription				
Admission Fee (B Tech)		361,000.00		367,000.00
Admission Fee (M Tech)		34,000.00		12,000.00
B-Tech Other Fees		939,000.00		1,050,000.00
B Tech Tuition Fees		10,150,000.00		10,120,000.00
DASA Tuition Fees		3,789,272.50		2,847,252.50
Forfeited of Students Fee		33,671.00		-

Hostel Rent (B Tech)		1,083,000.00		1,101,000.00
Hostel Rent (M Tech)		102,000.00		36,000.00
M Tech Application Fees		-		1,300.00
M -Tech Other Fees		348,000.00		220,000.00
M-Tech Tutition Fees		3,503,804.00		2,810,000.00
PHD Admission Fees		8,250.00		6,000.00
Ph.D. App. Fees		97,500.00		84,100.00
PHD Other Fees		68,000.00		32,000.00
PHD Tutition Fees		247,500.00		67,500.00
Tution Fees Adjusted From Scholarship (B TECH)		1,050,000.00		-
TOTAL		21,924,108.50		18,860,725.50

Receipts against Earmarked/Endowment Funds

RP Schedule -4

	Current Year		Previous Year	
Institute Development Fund (B Tech)		543,000.00		590,000.00
Institute Development Fund (M Tech)		297,000.00		342,000.00
Institute Development Fund (Phd)		44,000.00		29,000.00
TOTAL		884,000.00		961,000.00

Receipts against Sponsored Projects/Schemes

RP Schedule -5

	Current Year		Previous Year	
Plan Grant for Conducting Workshop & Seminar Under PMMMNMTT Scheme -MHRD		800,000.00		-
An Integrated Computational and Experimental Approach to Structural Design for Ballistic Impacts and Blasts - Indian Institute of Science		25,468.00		1,250,000.00
Design, Simulation and Implementation of Bandpass Sigma Delta - SERB		2,223,000.00		-
Development Of Efficient Algorithms For Photoacoustic Tomography (Pat) - SERB Project		1,471,333.00		-
EPR Studies of Some Ni(II) Complexes in Crystalline Enviorment: Probing the Structure, Bonding and Electron Soin Relaxation Rates - SERB Proje.		1,480,000.00		-
Grants Received From Special Manpower Development Program for Chips to System Design - Central Electronics Engineering Research		1,695,000.00		-
TOTAL		7,694,801.00		1,250,000.00

Receipts against sponsored Fellowships and Scholarships

RP Schedule -6

	Current Year		Previous Year	
Other Scholarships		990,000.00		-
Scholarship EDCIL (India) Ltd.		296,053.00		725,080.00
Scholarship of Tribal, Gol		1,474,502.00		-
Scholarship Social Justice		3,687,730.00		-
Sponsored Pojects				
Visvesvaraya Phd Scheme - Media Lab Asia		812,500.00		1,300,000.00
TOTAL		7,260,785.00		2,025,080.00

Interest Received

RP Schedule -7

	Current Year		Previous Year	
a) Bank Deposits				
Accrued Interest on Investment		143,355.16		2,582,603.80
Interest on Term Deposits		4,598,297.84		4,692,243.20
<u>On Saving Accounts</u>				
Bank Interest		4,610,241.00		2,140,712.00
<u>On Sponsored Projects Saving Accounts</u>				
Bank Interest		181,600.00		25,584.00
TOTAL		9,533,494.00		9,441,143.00

Other income (including Prior Period Income)

RP Schedule -8

	Current Year		Previous Year	
Credit Balances W/Back		295.00		-
Canteen Rent Received		84,000.00		7,000.00
RTI Application Fee		602.00		190.00
TOTAL		84,897.00		7,190.00

Deposits and Advances

RP Schedule -9

	Current Year		Previous Year	
<u>Advahnce Received</u>				
Alumini Association (NITGAA) (PHD)		11,000.00		8,000.00
Alumni Association(NITGAA) (B Tech)		50,000.00		-
Alumni Association(NITGAA) (M Tech)		40,000.00		55,000.00
Btech Advance Hostel Fees		23,350.00		-
B Tech DASA Advance Tution Fees		226,933.50		422,414.00
B Tech Tution Advance Fees		35,000.00		-
C DAC (NaMPET-II)		295,000.00		-
DASA Admission Expenses Reimbursement		100,000.00		-
Global Intittiative for Academic Networks- Damodar Reddy		816,000.00		-
Global Intittiative for Academic Networks- Soumitra Das		875,000.00		-
Grant From Media Asia Lab for Digital India Week Event		50,000.00		-
Group Insurance Scheme (B Tech)		339,918.00		382,308.00
Group Insurance Scheme (M Tech)		94,482.00		53,842.00
Group Insurance Scheme (Phd)		18,462.00		7,216.00
Hall Establishment Charges		1,777,500.00		1,705,500.00
LD(Liquidated Damage)Suppl./Contractor		9,640.00		50,961.33
Mess Adv.(B Tech)		5,418,270.00		5,176,500.00
Mess Adv. (M Tech)		510,180.00		168,000.00
SAC (Student Activity Centre) Fee (B Tech)		293,225.00		328,050.00
SAC(Student Activity Centre) Fee (M Tech)		82,475.00		53,625.00
Student Fees Refundable (M-Tech)		-		20,000.00
Students Fee Refundable (B-Tech)		148,366.00		47,225.00
Students Fees Refundable (PHD)		-		7,500.00

<u>Performance Gurantee of Supplier/Contractor</u>			
PG It Is the Master's Software	-		341,250.00
PG Opal RT Technologies Inc	573,895.00		-
<u>Security Deposit(Contractor)</u>			
SD Accurate Machine Tools	-		16,667.00
SD Advanced Electronic Systems	-		2,105.00
SD Aimil Ltd.	20,000.00		-
Sd CMM Arena Retail Pvt. Ltd.	3,599.00		-
SD Computer Clinic	5,500.00		-
SD Coreel Technologies	7,301.00		-
Sd Dft Tech	2,536.00		-
SD Elegante Interior	-		50,000.00
SD Galaxy Computers	-		7,892.00
SD Gurukul Online Learning Solutions	-		11,025.00
SD Hotel Sanman	-		11,000.00
SD Info Universal	-		7,900.00
SD KPS Industries	3,696.00		-
Sd Labindia	14,560.00		-
Sd Mega Networks Pvt. Ltd.	7,000.00		-
SD Octagon Manufacturing Technology	3,213.00		-
SD Pragna Microdesign	13,385.00		-
SD Ragiv Marketing	-		30,750.00
Sd Raut Scientific & General	13,000.00		-
SD Ruby Interio	22,000.00		44,500.00
SD Shree Vinayaka Enterprises	12,968.00		-
SD Smartsoft	41,000.00		177,213.00
SD Syscon Computers	-		36,000.00
SD Techser Power Soluations Pvt. Ltd.	-		34,000.00
SD Tecnology Excellence Group	-		60,057.00
Sd Vitronics (India)	28,000.00		-
<u>Security Deposit(Student)</u>			
B Tech Security Deposit Refundable	288,000.00		344,000.00
M-Tech Security Deposit Refundable	160,000.00		220,000.00
PHD Security Deposit Refundable	44,000.00		32,000.00
<u>Advance Receivable</u>			
CCMT-2014	-		340,000.00
CCMT - 2015	2,036,928.00		-
CSAB-2013	-		40,000.00
CSAB-2014	40,000.00		3,520,000.00
CSAB - 2015	2,985,000.00		-
DASA -2014	-		418,460.00
DASA -2015	1,254,248.89		-
DASA Tution Fees Receivable	271,584.00		-
Diwakar Prasad Tripathi	1,006.00		-
SDR BSNL	-		1,000.00
<u>Permanent Advance Refunded</u>			
Permanent Adv. Chairman, T&P	15,000.00		15,000.00
Permanent Adv. Chief Warden	10,000.00		10,000.00
Permanent Adv. to Asst. Registrar	15,000.00		15,000.00
<u>Advance to Staff Refunded</u>			
Amit Kabiraj, AR	235,000.00		47,604.00
Arjun Singh, MTS, 3130029	-		6,000.00
Badri Narayan Subudhi, Asst. Prof. (1140044)	15,000.00		-
Damodar Reddy Edla, AP(1130011)	425,000.00		50,000.00
Dheeraj Sharma (1130038)	-		1,500.00
Digambar R. Dhengole	13,726.00		36,928.00

Dr. Keshavamurthy B. N., Asst. Prof (1140043)	25,000.00	-
Dr. Lalat Indu Giri, Asst. Prof. (Emp. Code - 1150073)	75,000.00	-
Dr. Soumitra Das, Asst. Prof., Emp. No.- 1150074	150,000.00	-
Dr. Veena Thenkanidiyoor, Asst. Prof. (1130016)	15,000.00	-
K. Raj Kumar(3130027)	20,000.00	28,000.00
Manjunath S. Koparde(3130030)	35,600.00	35,060.00
Maria Francisca June Mendes Singh PS	-	105,000.00
Mrs. Suvidha Naik, Technical Assistant	3,000.00	-
Mrs. Swara S. Lotlikar, Steno,Emp. Code - 4160079	3,000.00	-
Munesh Kumar, AL	85,000.00	105,400.00
Namrata A Girap (4130026)	27,900.00	38,500.00
Nijin M., Technician (3140056)	32,000.00	-
Nithin Kumar Y. B (1130036)	-	77,390.00
Prasanth P., SO	164,490.00	169,245.00
Pravin Pawar Asst. Prof. (1140040)	-	4,850.00
P Saidi Reddy(1130009)	32,000.00	139,000.00
Purushothama B.R.(1130022)	120,000.00	-
Rameez Rahman Kadavath, TA	-	4,800.00
Sreeraj E. S., Asst. Prof (Emp. Code -1140041)	3,000.00	-
Srinath Revoori (3140050)	-	14,500.00
S. Sudharsan, TA	-	10,000.00
Suresh Mikkil Asst. Prof.	28,400.00	44,800.00
T. Somasekhara Rao, Asst. Prof.	15,000.00	30,000.00
Vasantha M. H Asst Prof. (1130032)	50,200.00	45,000.00
Velavan Kathirvelu Asst. Prof (1130013)	-	7,000.00
Venkatareshbabu Kuppili, Asst. Prof. (1140065)	86,000.00	-
Venkata Raman Gandhi, Tech..	6,000.00	24,500.00
Vijeesh VP, Technician (Emp Code-3140049)	22,000.00	-
<u>Sponsored Projects Advances</u>		
Dr.Raviprasad K.J., Asst Prof. (Emp No. - 1130034)	300,000.00	-
Dr. Venkatarashbabu Kuppili, Asst. Prof. (Emp. Code - 1140065)	500,000.00	-
<u>Advance to Supplier/Contractor</u>		
Toyota Kirloskar Motor Pvt. Ltd.	-	3,388.00
TOTAL	21,594,537.39	15,300,425.33

Miscellaneous Receipts including Statutory Receipts

RP Schedule -10

	Current Year		Previous Year	
Statutory Liability				
PF of Prof. GRC Reddy		150,000.00		140,000.00
PF Subscription		6,798,306.00		5,036,672.00
Tax Deducted at Source (Non-Resident Sec 195)		75,341.00		206,246.00
Tax (IT/SC/EC)Contractor		287,155.00		260,253.00
Tax(IT/SC/EC) Professional U/s.194J		654,112.00		943,133.00
TDS(IT)Staff		3,074,483.00		1,993,156.00
TOTAL		11,039,397.00		8,579,460.00

Any other receipts - Misc

RP Schedule -11

	Current Year		Previous Year	
Sponsorship for Technival-2014		-		181,240.00
Sponsorship for Techno-Cultural Event Spectra		-		34,700.00
Convocation Registration Fees		245,620.50		-
Sponsorship for Technival-2016		25,000.00		-
<u>Workshop, Summer Course, Other Programmes</u>				
Short Term Course (Reg.) - Dr. Damodar Reddy Edla		81,000.00		67,000.00
Short Term Course Reg. Fees - Clean Energy Systems & Tech.-Dr. Lalat Indu Giri		75,000.00		-
Short Term Training Progm.- Dr. Venkatanaresbhabu Kuppili		108,000.00		-
Summer Course Regn.		217,500.00		150,000.00
<u>Workshop Registration Fees</u>				
Cryptography, Applications - Dr. Purushothama B.R.		114,000.00		39,000.00
How to Write Research Project -Dr. Damodar Reddy Ed		38,500.00		-
Latex For Technical Documentation - Dr. Veena T.		36,400.00		-
National Workshop on Patent and Intellectual Property Rights - Dr. Saidi Reddy Parne		67,500.00		-
Sponsorships for Workshops		25,000.00		-
TOTAL		1,033,520.50		471,940.00

Expenses

RP Schedule -12

	Current Year		Previous Year	
<u>Establishment Expenses</u>				
Lien Contribution of Prof. GRC Reddy	280,500.00		280,500.00	
NPS Matching Share	3,117,201.00		2,347,279.00	
<u>Salary and Wages</u>				
Salary and Wages(Contractual)	1,733,410.00		2,936,608.00	
Salary and Wages(Faculty)	28,343,400.00		21,565,482.00	
Salary and Wages(Staff)	9,818,479.00		7,691,464.00	
<u>Staff Travelling Allowance</u>				
GRC Reddy, Director for TA	328,150.00		327,454.62	
TA to Staff	266,316.10		177,324.65	
<u>Staff Welfare Expenses</u>				
Children Education Allowance	320,887.00		206,099.00	
LTC(EL)	170,430.80		-	
LTC(Leave Travel Concession)	567,274.80		449,953.00	
Medical Care(Staff)	167,581.84		185,594.50	
Medical Claim by Prof. GRC Reddy	-		40,901.00	
Staff Telephone Charges	241,486.00	45,355,116.54	-	36,208,659.77
<u>Academic Expenses</u>				
Admission Expenses	19,922.50		-	
Awards & Prizes	4,531.00		30,000.00	
Expenses for Summer Course Org.	210,000.00		132,000.00	
Honorarium	793,500.00		707,500.00	
Lab Consumable	237,066.50		850,889.34	
License Fee for Software/web Edition	132,137.00		980,261.00	
M.Tech.(Gate) Stipend	10,145,896.00		2,791,703.00	
Online Subscription	6,265,423.00		413,287.00	

Ph.D. Stipend	3,017,510.00		367,445.00	
Short Term Course Expenses- Clean Energy Systems & Tech.-Dr. Lalat Indu Giri	72,507.00		-	
Short Term Training Prog. Exp.-Dr. Damodar R. Edla	81,000.00		-	
Short Term Training Prog. Exp.- Dr. Venkatanaresbhabu Kuppili	101,219.00		-	
Student Travel	153,947.56		-	
Subscription	314,404.00		152,071.75	
Expenses on Short Term Course Org.	-		67,000.00	
Expenses on Workshop Org.	-		53,407.65	
Swachh Bharat Abhiyan Event Expenses	2,843.00		-	
Unnat Bharat Abhiyan Expenses	2,992.00		-	
Workshop Expenses -Cryptography, Applications - Dr. Purushothama B.R.	111,457.00		-	
Workshop Expenses - Dr. Damodar Reddy Edla	38,500.00		-	
Workshop Expenses -Dr. Veena Thenkandiyoor	36,400.00		-	
Workshop Expenses - Patents & Intellectual Property Rights	92,500.00		-	
Expenses against Cultural Events				
Sponsorship for Technival-2014	-		181,240.00	
Sponsorship for Techno-Cultural Event Spectra	-	-	34,700.00	215,940.00
Convocation Expenses				
Convocation - Advertisement Expenses	297,791.00		-	
Convocation Event Management Expenses	617,000.00		-	
Convocation Expenses - Contingency/Hospitality	284,505.00		-	
Convocation Expenses -TA	37,790.00		-	
Convocation Miscellaneous Expenses	197,778.50		-	
Convocation - Postage Expenses	6,189.00		-	
Convocation Printing & Stationery	276,360.55		-	
Convocation Travelling & Conveyance Expenses	248,903.00	23,800,072.61	-	6,761,504.74
Other Administrative Expenses				
Accommodation	15,440.00		94,007.00	
Advertisement & Publicity Expenses	1,537,020.00		1,874,609.00	
AMC Charges of Software	648,578.00		-	
Audit Fee	91,300.00		119,293.00	
Contingency Expenses	307,766.67		386,654.15	
Electricity & Power	630,277.00		485,001.00	
Hospitality Expenses	691,792.00		500,194.65	
Housekeeping/Cleaning & Maintenance Expenses	1,283,694.78		792,951.87	
House Rent	23,223.00		-	
Internet Charges(Payment)	1,242,319.00		1,571,853.00	
IT Interest	522.00		-	
Medicines	77,563.00		44,854.00	
Membership	113,275.00		73,754.00	
Miscellaneous Expenses	400.00		-	
News Paper & Subscription	13,991.00		38,270.00	
Postage	31,728.00		32,922.00	
Printing & Stationary	796,357.80		821,147.80	
Professional Charges	-		15,732.00	
Registration Fees	23,682.50		-	
Remuneration to External Experts	-		100,000.00	

Rent, Rate & Tax	283.00		516.00	
SAC Expenses	289,525.29		314,680.72	
Service Charges	12,794.00		11,001.00	
Shifting Charges	-		1,350.00	
Telephone Charges	163,765.10		333,500.57	
Travelling & Conveyance Expenses	7,800.00		1,534.00	
Water Charges Expenses	67,689.00		24,586.00	
<u>Outsourced Expenses 1</u>				
Thunder Force Pvt. Ltd.	3,680,756.16		3,059,958.54	
<u>PDA Administrative Expenses</u>				
PDA Membership	62,864.66		81,255.67	
PDA Printing & Stationery	283,880.00		120,215.00	
PDA Registration Fees	487,415.58		-	
PDA TA	732,543.36		149,297.47	
<u>Seed Money Administrative Expenses</u>				
Seed Money - Lab Consumable	9,841.00		195,499.40	
<u>Travelling Allowance</u>				
MGM International Travels	1,475,613.00		1,548,617.00	
TA to Outsiders	746,620.54		557,428.67	
<u>Hostel Mess Charges</u>				
Sai Hospitality	4,929,400.00		4,434,700.00	
<u>Finance Cost</u>				
Bank Commission/Charges	25,883.00	20,505,603.44	9,697.00	17,795,080.51
<u>Transportation Expenses</u>				
Naresh Revodkar	468,000.00		792,000.00	
Vehicle Running & Maintenance	320,188.56	788,188.56	258,340.00	1,050,340.00
<u>Repair & Maintenance</u>		393,196.75		1,266,606.00
<u>Prior Period Expenses</u>		262,213.00		39,237.00
TOTAL		91,104,390.90		63,337,368.02

Payments made against Earmarked/Endowment Funds

RP Schedule -13

	Current Year		Previous Year	
Institute Development Fund (M Tech)		-		1,000.00
TOTAL		-		1,000.00

Payments against Sponsored Projects/Schemes

RP Schedule -14

	Current Year		Previous Year	
Plan Grant for Conducting Workshop & Seminar Under PMMMMNMTT Scheme -MHRD		336,239.00		-
<u>An Integrated Computational and Experimental Approach to Structural Design for Ballistic Impacts and Blasts - Indian Institute of Science</u>				
Travel -DRDO Project		73,825.00		2,842.47
<u>EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates - SERB Proje.</u>				
Recurring A- Consumables-EPR Studies of Some Ni(II) - SERB Project		80,436.00		-
Recurring A- Manpower-EPR Studies of Some Ni(II) - SERB Project		58,871.00		-

Grants Received From Special Manpower Development Program for Chips to System Design - Central Electronics Engineering Research				
Travel & Training -SMDP - CEERI		128,851.50		-
Visvesvaraya Phd Scheme - Media Lab Asia				
Annual Contingency Grant - Visvesvaraya Project 1		47,469.00		-
Fellowship/Stipend - Visvesvaraya Project 1		805,500.00		81,290.00
HRA - Visvesvaraya Project 1		79,824.00		-
TOTAL		1,611,015.50		84,132.47

Payments against Sponsored Fellowships / Scholarships **RP Schedule -15**

	Current Year		Previous Year	
Other Scholarships	990,000.00		-	
Scholarship EDCIL (India) Ltd.	296,053.00		725,080.00	
Scholarship of Tribal, Gol	654,100.00		-	
Scholarship Social Justice	3,033,620.00		-	
Scholarship (WBMDFC)	-	4,973,773.00	20,000.00	745,080.00
TOTAL		4,973,773.00		745,080.00

Expenditure on Fixed Assets and Capital Works - in- Progress **RP Schedule -16**

	Current Year		Previous Year	
a) Purchase of Fixed Assets				
CCTV Surveillance System	198,606.00		-	
Computer/peripherals	1,710,875.00		7,409,839.41	
Electrical Installation	-		506,620.00	
Furniture & Fixture	1,249,311.00		1,923,313.00	
Hostel Equipment	2,800.00		-	
Hostel Utensil & Furniture	68,699.50		-	
Lab Equipments - P& M	9,690,222.00		299,872.00	
Library Books	860,985.05		674,309.02	
Office Equipment	652,997.87		1,202,769.30	
Plant, Machinery & Equipment	13,455.00		1,913,641.95	
Software & Program	2,539,656.00		9,203,250.00	
Sports Equipments	-		29,921.00	
Telecom & Networking Installation	32,900.00	17,020,507.42	16,000.00	23,179,535.68
Intangible Assets				
Patent - Photonic Inverter	11,760.00		-	
Patent - Superconducting Permanent Magnetic Motor	11,760.00	23,520.00	-	-
Capital Work in Progress				
Bank Charges Against Letter of Credit		-		31,012.00
Sponsored Projects Fixed Assets				
Fixed Assets -EPR Studies of Some Ni(II) Complexes in Crystalline Enviornment: Probing the Structure, Bonding and Electron Soin Relaxation Rates - SERB Project				
Computer & Peripherals - SERB Project		46,700.00		-
Lab Equipment - SERB Project		685,129.00		-
Fixed Assets-Visvesvaraya Project - Media Lab Asia				
Office Equipments		76,900.00		-
TOTAL		17,852,756.42		23,210,547.68

Other Payments including statutory Payments

RP Schedule -17

	Current Year		Previous Year	
Sundry Creditors				
O/s CPWD, Goa	242,501.00		3,656,000.00	
O/s Digital Magic	-		66,664.00	
O/s Elegante Interiors	2,488,400.00		1,296,220.00	
O/s Osaw Industrial Products Pvt. Ltd.	-		508,455.00	
O/s Ragiv Marketing	-		837,033.75	
O/s. Ruby Interior	2,099,170.00		-	
O/s Smartsoft	-		1,640,000.00	
Sunil Books Service	-	4,830,071.00	28,151.00	8,032,523.75
Liability for Expenses				
O/s Audit Fee	20,520.00		20,225.00	
O/s. Bank Charges	9,482.00		-	
O/s. Ecoclean Systems & Solutions	122,257.45		-	
O/s Electricity Charges	40,971.00		72,592.00	
	25,500.00		25,500.00	
O/s Lien Contribution of Prof. GRC Reddy				
O/s MGM International Travels	62,510.00		53,960.00	
O/s Naresh Revodkar	70,560.00		70,560.00	
O/s News Paper & Periodicals	1,509.00		2,216.00	
O/s NPS Matching Share	281,952.00		171,057.00	
O/s Postage	1,626.00		796.00	
O/s Registration Fees	-		1,890.00	
O/s Repair & Maint.	-		76,584.00	
O/s Sai Hospitality	598,486.00		561,834.00	
O/s Salary & Wages	3,756,468.00		2,502,020.00	
O/s. Seed Money Expenses	11,322.00		-	
O/s Stipend (M Tech & Phd)	1,139,980.00		-	
O/s. Subscription	3,919,405.00		-	
O/s Telephone Charges	35,541.00		11,315.00	
O/s Thunder Force Pvt. Ltd.	296,376.44		255,053.76	
O/s Vehicle Running & Maint.	18,870.00		-	
O/s Water Charges	1,527.00	10,414,862.89	-	3,825,602.76
Sponsored Projects Liabilities				
O/s. Stipend (Phd Visvesvaraya Scheme)		51,750.00		-
Statutory Liability				
PF of Prof. GRC Reddy	150,000.00		140,000.00	
PF Subscription	6,928,830.00		4,799,342.00	
Tax Deducted at Source (Non-Resident Sec 195)	64,162.00		206,246.00	
Tax (IT/SC/EC)Contractor	307,546.00		664,419.00	
Tax(IT/SC/EC) Professional U/s.194J	472,266.00		855,886.00	
TDS(IT)Staff	3,074,483.00	10,997,287.00	2,001,759.00	8,667,652.00
Advance Receivable				
Prepaid Expenses		5,277,204.00		3,694,735.00
Permanent Imprest Advance				
Permanent Adv. Chairman, T&P	15,000.00		15,000.00	
Permanent Adv. Chief Warden	10,000.00		10,000.00	
Permanent Adv. to Asst. Registrar	15,000.00	40,000.00	15,000.00	40,000.00
Advance to Staff towards expenses				
Amit Kabiraj, AR	235,000.00		51,000.00	
Arjun Singh, MTS, 3130029	-		6,000.00	
	15,000.00		-	
Badri Narayan Subudhi, Asst. Prof. (1140044)				
Damodar Reddy Edla, AP(1130011)	425,000.00		50,000.00	
Dheeraj Sharma (1130038)	-		1,500.00	
Digambar R. Dhengole	13,726.00		36,928.00	

Dr. Keshavamurthy B. N., Asst. Prof (1140043)	25,000.00		-	
Dr. Lalat Indu Giri, Asst. Prof. (Emp. Code - 1150073)	75,000.00		-	
Dr. Soumitra Das, Asst. Prof., Emp. No.- 1150074	150,000.00		-	
Dr. Veena Thenkanidiyoor, Asst. Prof. (1130016)	15,000.00		-	
K. Raj Kumar(3130027)	20,000.00		14,000.00	
Manjunath S. Koparde(3130030)	50,100.00		35,060.00	
Maria Francisca June Mendes Singh PS	-		105,000.00	
Mrs. Suidha Naik, Technical Assistant	3,000.00		-	
Mrs. Swara S. Lotlikar, Steno,Emp. Code - 4160079	3,000.00		-	
Munesh Kumar, AL	85,000.00		105,400.00	
Namrata A Girap (4130026)	27,900.00		38,500.00	
Nijin M., Technician (3140056)	32,000.00		-	
Nithin Kumar Y. B (1130036)	19,300.00		77,390.00	
Prasanth P., SO	148,990.00		199,245.00	
Pravin Pawar Asst. Prof. (1140040)	-		18,500.00	
P Saidi Reddy(1130009)	132,000.00		139,000.00	
Purushothama B.R.(1130022)	120,000.00		-	
Rameez Rahman Kadavath, TA	-		4,800.00	
	3,000.00		-	
Sreeraj E. S., Asst. Prof (Emp. Code -1140041)	-		14,500.00	
Srinath Revoori (3140050)	-		10,000.00	
S. Sudharsan, TA	-		44,800.00	
Suresh Mikkil Asst. Prof.	38,759.00		30,000.00	
T. Somasekhara Rao, Asst. Prof.	15,000.00		45,000.00	
Vasantha M. H Asst Prof. (1130032)	50,200.00		7,000.00	
Velavan Kathirvelu Asst. Prof (1130013)	-		-	
Venkatanaresbhabu Kuppili, Asst. Prof. (1140065)	86,000.00		-	
Venkata Raman Gandhi, Tech..	6,000.00		24,500.00	
Vijeesh VP, Technician (Emp Code-3140049)	22,000.00	1,815,975.00	-	1,058,123.00
<u>Sponsored Project Staff Imprest Advances</u>				
Dr.Raviprasad K.J., Asst Prof. (Emp No. - 1130034)	300,000.00		-	
Dr. Venkatanaresbhabu Kuppili, Asst. Prof. (Emp. Code - 1140065)	500,000.00	800,000.00	-	-
<u>Advance to Supplier/Contractor</u>				
Chief Controller of Accounts, Supply Division CPWD, Goa	4,275.00		-	
CPWD, Goa (Electrical)	2,132,458.00		6,950,930.00	
Jaideep George Sathe, HR	100,000.00		174,580.00	
Maruti Suzuki India Limited - Advance for Ambulance Vehicle	375,341.00		308,334.00	
	392,177.00	3,004,251.00	-	7,433,844.00
<u>Fees/subscription Refunded</u>				
Admission Fee (B Tech)	7,227.00		-	
B Tech Tutition Fees	-		1,365,000.00	
Hostel Rent (B Tech)	21,690.00		-	
M -Tech Other Fees	-		4,000.00	
M-Tech Tutition Fees	-	28,917.00	340,000.00	1,709,000.00
TOTAL		37,260,317.89		34,461,480.51

Deposits and Advances

RP Schedule -18

	Current Year		Previous Year	
<u>Deposits and Advances Refunded</u>				
Alumni Association(NITGAA) (B Tech)	14,000.00		-	
Alumni Association(NITGAA) (M Tech)	-		1,000.00	
Btech Advance Hostel Fees	23,350.00		-	
B Tech Tution Advance Fees	35,000.00		-	
Global Intitiative for Academic Networks- Soumitra Das	73,177.00		-	
Grant From Media Asia Lab for Digital India Week Event	43,647.00		-	
Group Insurance Scheme (B Tech)	349,692.00		383,358.00	
Group Insurance Scheme (M Tech)	102,084.00		51,392.00	
Group Insurance Scheme (Phd)	18,462.00		6,516.00	
Hall Establishment Charges	278,582.50		85,512.75	
Mess Adv.(B Tech)	107,360.00		-	
SAC(Student Activity Centre) Fee (M Tech)	-		975.00	
Student Fees Refundable (M-Tech)	-		20,000.00	
Convocation Registration Fees	4,500.00		-	
Students Fee Refundable (B-Tech)	258,695.00	1,308,549.50	929,725.00	1,478,478.75
<u>Security Deposit Refunded</u>				
<u>Performance Gurantee of Supplier/Contractor</u>				
PG It Is the Master's Software	-		341,250.00	
<u>Security Deposit(Contractor)</u>				
SD Accurate Machine Tools	16,667.00		-	
SD Computer Clinic	5,500.00		-	
SD Deline Technologies Pvt. Ltd.	-		30,000.00	
SD Elegante Interior	131,500.00		-	
SD Equip-Tronics Mumbai	-		10,980.00	
SD Galaxy Computers	-		7,892.00	
SD Info Universal	-		7,900.00	
SD Klaas Marketing Co.	11,500.00		-	
SD KPS Industries	3,696.00		-	
SD Osaw Industrial Products Pvt. Ltd.	-		12,000.00	
SD Ragiv Marketing	-		19,500.00	
Sd Raut Scientific & General	13,000.00		-	
SD Ruby Interio	66,500.00		-	
SD Smartsoft	-		140,413.00	
SD Syscon Computers	-		36,000.00	
SD Techser Power Soluations Pvt. Ltd.	-		52,500.00	
SD Tecnology Excellence Group	-		60,057.00	
SD United Telecoms Ltd.	-		34,382.00	
Sd Vitronics (India)	17,000.00	265,363.00	-	752,874.00
<u>Security Deposit(Student)</u>				
B Tech Security Deposit Refundable	468,000.00		432,000.00	
M-Tech Security Deposit Refundable	20,000.00		8,000.00	
PHD Security Deposit Refundable	4,000.00	492,000.00	-	440,000.00
TOTAL		2,065,912.50		2,671,352.75

Closing Cash and Bank Balances

RP Schedule -19

	Current Year		Previous Year	
a) Cash in Hand				
Cash		-		-
b) Bank Balances				
<u>In Current Accounts</u>				
Corp. Bank Current A/c No.01/000001		318,997.00		318,997.00
<u>In deposit accounts</u>				
Investment A/c. No. 150147 (CB)	27,068,874.00		-	
Investment A/c. No. 150148 (CB)	27,628,942.00		-	
Investment A/c. No. 140156 (CB)	-		24,763,779.00	
Investment A/c. No.140157 (CB)	-		25,276,154.00	
Fixed Deposit KCC/01/150025 Agst Letter of Credit	-		5,600,000.00	
Fixed Deposit No. KCC/01/150062 Agst Letter of Credit	573,895.00	55,271,711.00	-	55,639,933.00
<u>In Saving Accounts</u>				
Corp. Bank Growth Fund A/c No.SB/1935	13,206,555.39		7,322,688.50	
Corp. Bank Hostel A/c No.SB/1250	11,152,631.50		7,540,879.50	
Corp. Bank Mis. A/c No.SB/01/1915	542,353.00		415,424.00	
Corp. Bank NIT Plan A/c No.SB/000653	141,825,158.44		69,615,516.65	
Corporation Bank SB/01/003573	8,708,858.03	175,435,556.36	2,491,451.53	87,385,960.18
TOTAL		231,026,264.36		143,344,890.18



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
PROVIDENT FUND ACCOUNT
BALANCE SHEET AS AT MARCH 31ST MARCH 2016**

Amount in Rupees

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year
	<u>GPF</u>			<u>Investment</u>	
-	Opening Balance	-	-	Int. accrued as on 31/03/15	-
-	Less: Subscription for March 2014	-	-	Subscription Due for March ,2015:	
-		-	-	GPF	-
-	Add: Subscriptions in the year	-	-	CPF	-
-	Add: Subscription for March 2015	-	-	UC due to CPF	-
-	Add: Interest Credited	-	-	NPS-11	-
-	Less: Advance/Withdrawl	-	-		
-		-	-	Tax recovered from interest on	
-	Closing Balance	-	-	Investments Pending refund from	
				Income Tax Department	-
	<u>CPF</u>			<u>Cash at Bank</u>	-
-	Opening Balance	-	-	SBI Branch	-
-	Less: Subscription for March 2014	-	-		
-		-	-		
-	Add: Subscriptions in the year	-	-		
-	Add: Subscription for March 2015	-	-		
-	Add: Interest Credited	-	-		
-	Less: Advance/Withdrawl	-	-		
-	Closing Balance	-	-		
	<u>University Contribution (CPF)</u>				
-	Opening Balance	-	-		
-	Less: Contribution for March 14	-	-		
-	Add: Subscriptions in the year	-	-		
-	Add: Contribution for March 15	-	-		
-	Add: Interest Credited	-	-		
-	Less: Advance/withdrawal	-	-		
-	Closing Balance	-	-		
	<u>NPS Tier-II Account</u>				
-	Opening Balance	-	-		
-	Less: Sub. for March 14	-	-		
-	Add: Subscriptions in the year	-	-		
-	Add: Sub for March 15	-	-		
-	Add: Interest Credited	-	-		
-	Less: Advance/withdrawal	-	-		
-	Closing Balance	-	-		
	<u>Interest Reserve</u>				
-	Opening Balance	-	-		
-	Add: Excess of Income over	-	-		
-	Expenditure	-	-		
-	Closing Balance	-	-		
-	TOTAL	-	-	TOTAL	-

FOR AND ON BEHALF OF THE BOARD

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

DIRECTOR

PLACE: PONDA,GOA
DATE: 11-05-2016

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
PROVIDENT FUND ACCOUNT INCOME AND EXPENDITURE
ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2016**

Amount in Rupees

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
	<u>Interest Credited to:</u>			<u>Interest earned on Investment</u>	
-	GPF Account	-	-	Add: Interest accrued on 03/15	-
-	CPF Account	-	-	Add: Tax recovered on Interest - Refund to be obtained	-
-	University Contribution (CPF)	-	-	Less: Interest accrued on March 14	-
-	NPS Tier-II Account	-	-		
-	Excess of Income over Expenditure	-	-	Excess of Expenditure over Income	-
-	Total	-	-	Total	-

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

PLACE: PONDA, GOA
DATE: 11-05-2016

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
PROVIDENT FUND ACCOUNT RECEIPTS AND PAYMENTS
ACCOUNTS FOR THE FINANCIAL YEAR 2015-16**

Amount in Rupees

Receipts	Amount	Payments	Amount
<u>Opening Balance as on 01/04/2014</u>		GPF Adv./Withdrawal	
SBI Branch I	-	CPF Adv./Withdrawal	-
SBI Branch II	-	NPS Tier-11	-
		University Contribution Withdrawa1	-
GPF Subscription	-		
CPF Subscription	-	Investment during the year	-
CPF University Contribution	-		
NPS Tier-11 Account	-	<u>Closing Balance</u>	
Investment Encashed	-	SBI Branch I	-
Interest Received	-	SBI Branch II	-
			-
Total	-	Total	-

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

PLACE: PONDA,GOA
DATE: 11-05-2016

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787

**NATIONAL INSTITUTE OF TECHNOLOGY GOA
NPS TIER-I ACCOUNT
BALANCE SHEET AS AT MARCH 31ST MARCH 2016**



Amount in Rupees

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year
	<u>NPS Tier - I Account</u>			<u>NPS Tier- I Account</u>	
342,114.00	Opening Balance	563,904.00	563,904.00	Subscription and Contribution due for	709,602.00
342,114.00	Less: Subscription for March 2015	563,904.00		2016	
-		-		Investment	-
4,694,558.00	Add: Subscriptions in the year	6,886,278.00	-	Interest Accrued but not due	-
-	Add: Interest Credited	-	-	Balance at Bank	-
4,694,558.00	Less: Transfer to NSDL	6,886,278.00			
563,904.00	Add: Subscription for March 2016	709,602.00	-		
563,904.00					
	<u>Excess of Income over Expenditure</u>				
-	Balance as on 01.04.2015	-	-		
-	Add: During the year	-	-		
563,904.00	TOTAL	709,602.00	563,904.00	TOTAL	709,602.00

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K.PIKALE AND ASSOCIATES
FRN : 127641W

PLACE: PONDA, GOA
DATE: 11-05-2016

CA GURUPRASAD NAIK
PARTNER
MEM NO. 136787



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
NPS TIER- I ACCOUNT INCOME AND EXPENDITURE
ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2016**

Amount in Rupees

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
-	Interest Credited to Subscriber's Accounts	-	-	Interest earned on Investment	-
-	Bank Charges	-	-	Less: Interest accrued on 31/03/15	-
-	Excess of Income over Expenditure	-	-	Interest Accrued but not due	-
-	Total	-	-	Total	-

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

PLACE: PONDA, GOA
DATE: 11-05-2016

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
NPS TIER- I ACCOUNT RECEIPTS AND PAYMENTS
ACCOUNTS FOR THE FINANCIAL YEAR 2015-16**

Amount in Rupees

Receipts	Amount	Payments	Amount
Opening Balance as on 01/04/2015	563,904.00	Investment	-
<u>NPS Tier-1 Account</u>	-	Withdrawal/Refund to NSDL	7,450,182.00
Own Subscription	3,797,940.00		
Institute Contribution	3,797,940.00		
		Closing Balance as on 31/03/2016	709,602.00
Interest Received on Investment	-		
Interest on saving bank a/c	-		
Investment Encashed	-		
Total	8,159,784.00	Total	8,159,784.00

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

PLACE: PONDA, GOA
DATE: 11-05-2016

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES
FRN: 127641W

C A GURUPRASAD NAIK
PARTNER
MEM NO. 136787



AUDIT REPORT





**INDIAN AUDIT & ACCOUNTS DEPARTMENT
OFFICE OF THE PRINCIPAL DIRECTOR OF
AUDIT (CENTRAL)**

C-25, AUDIT BHAVAN, BEHIND INCOME TAX BLDG, B
ANDRA(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/2015-16/NIT, Goa/

Date: 19/10/2016

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 2015-16.**

Sir,

Please find enclosed the Separate Audit Report on the accounts of National Institute of Technology, Goa for the year ended 31 March 2016 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/2015-16/NIT, Goa/ 845

Date: 19/10/2016

Copy along with the Annual Accounts for the year ended 31 March 2016 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 (NIT), Goa for the year ended 31 March 2016.

We have audited the attached Balance Sheet of the National Institute of Technology Goa, ('the institute') as at 31st March 2016 and the Income and Expenditure Account/Receipt and 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. 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 your 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;

ii. The Balance Sheet, the Income & Expenditure Account and the Receipt & Payment Account dealt with by this report have been drawn up in the format prescribed by the Ministry of Human Resource Development, Government of India vide order No 29-4/2012-IFD dated 17 April 2015.

iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required of the NIT statutes in so far it appears from our examination of such books.

iv. We further report that :

A. Balance Sheet

A.1 Liabilities

A.1.1 Corpus/Capital Fund (Schedule-1) Rs.1660.01 lakh

Understatement of Corpus Fund due to excess depreciation charged

Depreciation on fixed assets was charged on Written

Down Value (WDV) basis as per Income Tax Act, 1956 instead of at the rates proscribed for Central Higher Educational Institutions as per the new Format of Financial Statements. This has led to overstatement of depreciation of Rs. 65.24 lakh and consequent understatement of fixed assets as well as Corpus/Capital Fund.

B. General comments

1. The interest income earned by the Institute on the earmarked funds amounting to Rs.7.68 lakh, Rs.5.55 lakh, Rs.42.92 lakh and Rs. 90.43 lakh, during the year 2010-11, 2011-12, 2012-13 and 2013-14 respectively were treated as income of the Institute in the respective years and the said amount totaling Rs.147 lakh has been added to the Fund during the current year. The same has however not been disclosed in the Notes to Accounts and also not reported to the Ministry in the utilization certificates submitted by the Institute.
2. The Institute had erroneously deducted depreciation of Rs. 65.14 lakh and Rs. 144.87 lakh for the years 2013-14 and 2014-15 respectively from the grants received, as amount utilized while

reporting utilization of grants to MHRD. The said amount has been added back to the grants during the current year. The fact has however not been disclosed in the Notes to Accounts.

3. The Accounting Policy states that all Stores and Spares are treated as expenses. As per New Format of Accounts, the small value assets are to be depreciated fully at the time of acquisition. The details of such small value assets are required to be exhibited in the Accounts under Schedule 4D. However, no disclosure of the same has been made by the Institute. Similarly expenditure incurred on purchase of chemicals, glassware, publications and other stores is accounted as revenue expenditure except that the value of closing stock held on 31st March is to be set up as inventories which are valued at cost. The information required to be reflected under Schedule 7 of the Accounts under current assets is shown as 'nil' and no disclosure is made by the Institute as required.

C. Grants-in-aid

Out of the grants-in-aid of Rs.2106.66 lakh (including unspent balance of Rs.406.66 lakh of previous year) the institute could utilize an amount

of Rs.1223.89 lakh (Rs.1053.62 lakh as recurring grant and Rs.170.27 lakh as non-recurring grant) leaving an unspent balance of Rs.882.77 lakh as on 31/3/2016. As per utilization Certificate the unspent balance is Rs. 736 lakh.

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.

v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and 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.
- (b) In so far as it relates to the Income & Expenditure Account, of the surplus for the year ended on that date.

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

Tarunja Mittal
Principal Director of Audit (Central)

Place: Mumbai,
Date: 19.10.2016.

Annexure

1.	<p>Adequacy of Internal Audit System.</p> <p>The Internal audit of the Institute was conducted by a Chartered Accountant and was found to be inadequate as internal auditor failed to check whether accounts is framed as per revised format of accounts prescribed by Ministry Human Resources.</p>
2.	<p>Adequacy of Internal Control System.</p> <p>Internal controls are found to be inadequate as Accounting Policy adopted by the Institute is not in accordance with new Format of Accounts.</p>
3.	<p>Physical Verification of Assets.</p> <p>Physical Verification of Assets was conducted for the financial year 2015-16.</p>
4.	<p>System of Physical Verification of Inventory.</p> <p>The Institute does not have Inventory.</p>
5.	<p>Regularity in payment of statutory dues.</p> <p>The Institute makes regular payment of statutory dues.</p>
6.	<p>Cash and Bank receipts.</p> <p>Cash and bank receipts have been properly accounted for and no difference has been found.</p>

Tamijis Mittal
Principal Director of Audit (Central)



भारतीय लेखा तथा लेखा परीक्षा विभाग
प्रधान निदेशक लेखापरीक्षा, (केन्द्रीय) का कार्यालय, मुंबई
ऑडिट भवन, सी-25, बान्द्रा-कुर्ला संकुल, मुंबई - 400 051.
फॉक्स क्र.: 2657 2451 • दूरध्वनी : 2657 1750 / 41 / 42 / 36

INDIAN AUDIT & ACCOUNTS DEPARTMENT
PRINCIPAL DIRECTOR OF AUDIT (CENTRAL), MUMBAI
C-25, Audit Bhavan, Bandra-Kurla Complex, Mumbai - 400 051.
Fax No.: 2657 2451 • Tel.: 2657 1750 / 41 / 42 / 36

Ms. Tanuja Mittal,

No. C&AB/SAR/NIT, Goa/2015-16/845 Date 19.10.16.

Principal Director of Audit (C)

Dear *Dr Reddy*

I have audited the annual accounts of the National Institute of Technology (NIT) Goa, Farmagudi, Ponda, Goa for the year 2015-16 and have issued the Audit Report thereon vide letter dated. 19/10/2016. During the course of audit, the deficiencies which were of relatively minor nature and were not included in the Audit Report is being brought to your notice for remedial/corrective action.

1. Despite mention in previous Management letter and repeated reminders, Agenda Notes & Minutes of Meeting of the BOG, Finance Committee and all other major committee (BWC etc.) of the Institute which were held during the year were not endorsed to audit.

With regards
Yours sincerely,

Tanuja Mittal
(Tanuja Mittal)

Prof. G.R.C. Reddy,
Director,
National Institute of Technology, Goa,
Farmagudi, Ponda, GOA -403 401.