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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 basic of Science, Engineering, Technology, Humanities and Social Sciences 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) Value Education 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 students to the foundations of engineering in the respective branch;

iii) An elective programme enabling the students 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 (as given in the Table 1): 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 as listed in Table.1. 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 Affairs Committee (AAC). A student will be eligible for enrolment only if he/she satisfies B8.1, 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 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-voce 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 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 M7.1, 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 the 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). 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's 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 Minutes by car) from the institute.

By Rail

Goa is connected by the South Western and the Konkan Railways. Goa has two rail lines- one run by the South Western Railway and the other by the Konkan Railway. The closest major railway station is 'Madgaon Railway Station' which is around 20 Km (30 Minutes by car) 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, one conference room, one seminar hall with seating capacity of 120 persons, a workshop and an administrative office.

In the F.Y 2015-16 Institute also has its own medical centre and canteen facility in the temporary premises.

Campus Photograph

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 of all major decisions of the institute.

The Finance Committee and the Building works committee look 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 in 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	27	2016 -2017
Electrical and Electronics Engineering	21	2016 -2017
Electronics and Communication Engineering	22	2016 -2017

Postgraduate Courses (M. Tech):

Branch	Current Year Intake	Year Started in
Computer Science and Engineering	14	2016 -2017
Power Electronics and Power Systems (PEPS)	17	2016 -2017
VLSI	16	2016 -2017

Courses Offered Doctorate Courses (Ph.D.):

Branch	Current Year Intake	Year Started in
Computer Science and Engineering	04	2016 -2017
Electrical and Electronics Engineering.	03	2016 -2017
Electronics and Communication Engineering	09	2016 -2017
Humanities and Sciences	04	2016 -2017

2.7 Admission Procedure

B.Tech.

Admission to all the courses is made in the Odd semester of an academic year in 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 level or its equivalent with Mathematics, Physics and Chemistry as the main subjects of study. Candidates have to fulfil the medical standards required for admission as recommended 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, scientific and societal 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) 2
- ♣ 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 2016-17**

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	24	03	27
2.	EEE	15	06	21
3.	ECE	15	07	22
	Total	54	16	70

- **Students admitted under DASA Scheme**

Nine students were admitted into first year B. Tech Courses during 2016-17.

- **Number of Candidates admitted into first year M. Tech during 2016-17**

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	07	07	14
2.	EEE	12	05	17
3.	ECE	13	03	16
	Total	32	15	47

- **Number of Candidates admitted into first year P.h.D during 2016-17**

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	01	03	04
2.	EEE	03	00	03
3.	ECE	08	01	09
4.	HS	03	01	04
	Total	15	05	20

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 also 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, stating the reasons for absence. Applications received after this period will not be entertained. All the 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 hospital due to prolonged 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 the hospital during the period of exam. The application should be forwarded by and approved of by the Chief Warden. The same person cannot forward and approve.

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 completed in odd semester and the second stage in the subsequent even semester. The student has to exhibit both the analytical and practical skills through the project work. 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 the 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 grades must be given to the qualitative and quantitative results of the project and evaluated by a viva voce exam.

Grading

1. The faculty members will return evaluated papers of tests, assignments, tutorials etc., within two weeks after their respective test/examinations.
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 the 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, stating 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 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 forwarded 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 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 problems. 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 grade must be given to the qualitative and quantitative results of the project and evaluated by a viva voce exam.

Grading

The faculty will return evaluated 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 change 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	Assistant Professor
2	Dr. Veena Thenkanidiyoor	Assistant Professor
3	Dr. Purushothama B.R.	Assistant Professor
4	Dr. Keshavamurthy B. N	Assistant Professor
5	Dr. S Mini	Assistant Professor
6	Dr. Pravati Swain	Assistant Professor
7	Dr. Venkatanareshbabu Kuppili	Assistant Professor
8	Dr. Modi Chirag Navinchandra	Assistant Professor
9	Aruna Govada	Faculty on Contract

CSE Lab Photographs

Department of Electrical and Electronics Engineering

Sr No	Name	Designation
1	Dr. Suresh Mikkili	Assistant Professor
2	Dr. B. Venugopal Reddy	Assistant Professor
3	Dr. Sree Raj E.S	Assistant Professor
4	Dr. Amol Deodas Rahulkar	Assistant Professor
5	Dr. C. Vyjayanthi	Assistant Professor
6	Dr. Soumitra Das	Assistant Professor
7	Ms. B. Santhi	Faculty on Contract
8	Gautam Anil Raikar	Faculty on Contract
9	Arun George	Faculty on Contract

EEE Lab Photographs

Department of Electronics and Communication Engineering

Sl No	Name	Designation
1	Dr. Lalit Kumar Jiwani	Associate Professor
2	Dr. Vasantha M. H. Rao	Assistant Professor
3	Dr. T. Veerakumar	Assistant Professor
4	Dr. Anirban Chatterjee	Assistant Professor
5	Dr. Nithin Kumar Y. B	Assistant Professor
6	Dr. Badri Narayan Subudhi	Assistant Professor
7	Dr. Trilochan Panigrahi	Assistant Professor
8	Dr. Ankit Dubey	Assistant Professor
9	Dr. Shivnarayan Patidar	Assistant Professor
10	Dr. Prashanth G. R.	Assistant Professor
11	Dr. Lalat Indu Giri	Assistant Professor
12	Dr. Pragati Patel	Assistant Professor
13	Dr. E. Mallikarjun	Assistant Professor

ECE Lab Photographs

Department of Humanities and Sciences

Sr No	Name	Designation
1	Dr. Saidi Reddy Parne	Assistant Professor
2	Dr. Velavan Kathirvelu	Assistant Professor
3	Dr. Sarani Ghosal Mondal	Assistant Professor
4	Dr. Ragoju Ravi	Assistant Professor
5	Dr. Ravi Prasad K. J	Assistant Professor
6	Dr. Shangerganesh L.	Assistant Professor
7	Dr. Sunil Kumar A	Assistant Professor

H&S Lab Photographs

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	Ms. Merin Thomas	Staff Nurse
5	Mr. Digamber D. Mayekar	Accountant
6	Mr. Sudharsan S	Technical Asst.
7	Mr. Venkata Raman Grandhi	Technical Asst.(System)
8	Mr. Rameez Rahman Kadavath	Technical Asst.
9	Mr. Manjunath S Koparde	Technical Asst.
10	Mr. Vijeesh V P	Technical Asst.
11	Ms. Suvida Bipeen Madkaiker	Technical Asst.
12	Mr. Patitapaban Pradhan	Technical Asst.
13	Mr. Pinaki Chatterjee	Technical Asst.

14	Mr. Digambar Ramchandra Dhengole	Technician
15	Mr. Srinath Revoori	Technician
16	Mr. Nijin M.	Technician
17	Mr. Carlton Ignatius Sequeira	Technician
18	Mr. Anuj Kumar Parauha	Technician
19	Mr. Rohit Madhu Gawas	Technician
20	Mr. Shri Ram Kumawat	Technician
21	Ms. Swara S. Lotliker	Stenographer
22	Ms. Sweta S. Jadhav	Junior Asst
23	Ms. Namrata Prajesh Sawant	Junior Asst
24	Mr. Karthikeyan M.	Junior Asst
25	Ms. Priyanka Dattanand Amadalli	Junior Asst
26	Ms. Tallulah Rodrigues	Junior Asst
27	Mr. Amit Ajit Naik	Junior Asst
28	Mr. Anilkumar Shersinh Mistri	Junior Asst
29	Mr. Kanneboina RajKumar	Multi- Tasking
30	Mr. Arjun Singh	Multi- Tasking
31	Mr. Pritam Nageshkar	Multi- Tasking
32	Mr. Sandeep Jaishwar	Multi- Tasking
33	Ms. Dipti Gaude	Multi- Tasking
34	Ms. Asmita Ashok als. Prabhakar Naik	Multi- Tasking
35	Dr. Mamata Borkar	Medical Officer on Contract
36	Mr. B. V Raghu	Security In charge on Contract

Non Teaching Photograph

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
2016-2017	54	16	70	08	03	11	05	01	06	16	05	21	25	07	32	07	02	09

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

4.2 Total number of Students in 2016-17

Under Graduate Students: 308

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
2016 - 2017	32	15	47	03	04	07	04	0	04	08	03	11	18	07	25	-	-	-

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

Total number of Students in 2016-17

Postgraduate Graduate Students: 91

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

	Total No. of Students			Out of total no. of Students														
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	SC			ST			OBC			General			Others					
B (Boys) G (Girls)	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T			
2016-2017	15	05	20	01	01	02	01	0	01	03	0	03	10	04	14	-	-	-

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

Total number of Students in 2016-17 Ph.D. Students: 36

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

Ms. Shikha Sharma Managing Director & CEO, Axis Bank Worli Mumbai	:	Chairman
Prof. (Dr.) G.R.C. Reddy Director, National Institute of Technology Goa	:	Ex-Officio Member
Mr. Sundeep Vasant Bambolkar MD, Indoco Pvt Ltd Mumbai	:	Member
Dr. Venkatesh Ganesh Prabhu Desai Proprietor of M/s Hariyalee Nursery	:	Member
Dr. V.M Gadre Professor, IIT Bombay	:	Member
Representative of Financial Advisor Dept of Higher Education MHRD	:	Member
Representative of Addnl. Secretary/Jt Secretary Dept of Higher Education	:	Member

MHRD

Dr. C. Vyjayanthi : Member
Dean Academics
NIT GOA

Dr. P Saidi Reddy : Member
Assistant Professor
NIT GOA

5.2 Finance Committee

Ms. Shikha Sharma : Chairman
Managing Director & CEO, Axis Bank
Worli Mumbai

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

Dr. C. Vyjayanthi : Member
Dean Academics
NIT GOA

Representative of Financial Advisor : Member
Dept of Higher Education
MHRD

5.3 Senate

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

Dr. Vyjayanthi C, Assistant Professor, NIT Goa : Member

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]

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

Member

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

Member-Secretary

5.4 Building and Works Committee

Prof. G.R.C Reddy,
Director, NIT Goa

Chairman (ex-officio)

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. Sarath Chandran
Junior Engineer (Electrical) CPWD, GOA

Member

Dr. Purushothama B.R
Dean (P&D) NIT GOA

Member

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

Member-Secretary

Dr. Abraham George
IIT Kharagpur

Special Invitee

Mr. A Sreenivasan Nair
Retd. EE, NIT Calicut

Special Invitee

Mr .Amit Singh
EE CPWD Goa

Special Invitee

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	<p><u>Publications</u></p> <ul style="list-style-type: none"> • Cheruku Ramalingaswamy, Damodar Reddy Edla, Venkatanareshbabu Kuppili, Dharavath Ramesh,"RST-BatMiner: A Fuzzy Rule Miner Integrating Rough Set Feature Selection and Bat Optimization for Detection of Diabetes Disease", Applied Soft Computing Journal, Elsevier. DOI: 10.1016/j.asoc.2017.06.032 (IF: 3.541, SCI Indexed). • Ch. Ramalingaswamy, Damodar Reddy Edla, K. V. Nareshbabu, SM-RuleMiner: Spider monkey based rule miner using novel fitness function for diabetes classification, Computers in Biology and Medicine, 2017, 81, 79-92. http://dx.doi.org/10.1016/j.combiomed.2016.12. 	Dr. Damodar Reddy Edla	CSE

	<p>009 (Elsevier, I. F. 1.521) [SCI Indexed]</p> <ul style="list-style-type: none"> • Ch. Ramalingaswamy, Damodar Reddy Edla, K. V. Nareshbabu, "Diabetes Classification using Radial Basis Function Network by Combining Cluster Validity Index and BAT Optimization with Novel Fitness Function", International Journal of Computational Intelligence Systems, 2017,10(1), 247-265. http://dx.doi.org/10.2991/ijcis.2017.10.1.17 (Taylor & Francis, I. F. 0.391) [SCI Indexed] • Naresh Babu, K. V., and Damodar Reddy Edla. "New Algebraic Activation Function for Multi-Layered Feed Forward Neural Networks." IETE Journal of Research (2016): 1-8. http://dx.doi.org/10.1080/03772063.2016.1240633 (Taylor & Francis, I. F. 0.284) [SCI Indexed] • Dharavath Ramesh, Rahul Mishra, Damodar Reddy Edla, "Secure Data Storage in Cloud: An e-stream cipher based secure and dynamic updation policy, Arabian Journal for Science and Engineering (Springer). (In Press). [SCI Indexed] DOI: 10.1007/s13369-016-2357-2. 		
2	<p><u>Publications</u></p> <ul style="list-style-type: none"> • Cheruku Ramalingaswamy, Damodar Reddy Edla, Venkatanareshbabu Kuppili, Dharavath Ramesh, "RST-BatMiner: A Fuzzy Rule Miner Integrating Rough Set Feature Selection and Bat Optimization for Detection of Diabetes Disease", Applied Soft Computing Journal, Elsevier. DOI: 10.1016/j.asoc.2017.06.032 (IF: 3.541, SCI Indexed) • Swamy, Damodar and Venkatanareshbabu K., "Diabetes Classification using Radial Basis Function Network by Combining Cluster Validity Index and BAT Optimization with Novel Fitness Function", Taylor & Francis, IJCIS, Volume 10, Issue 1 (2016). (IF: 1.140, SCI Indexed) • Sakthivel, Rathinasamy, Srimanta Santra, Selvaraj Marshal Anthoni, and Venkatanareshbabu Kuppili. "Synchronisation and anti-synchronisation of chaotic systems with application to DC-DC boost converter." IEEE, IET Generation, Transmission & Distribution. (2016). (IF: 2.213, SCI Indexed) 	Dr. Venkatanareshbabu Kuppili	CSE

	<ul style="list-style-type: none"> • Venkatanareshbabu K and Damodar Reddy New Algebraic Activation Function for Multilayered Feed forward Neural Networks”, Taylor & Francis, IETE Journal of Research, Pages 1-8, (2016) (IF: 0.909, SCI Indexed) • Cheruku, R., Edla, D.R. and Kuppili, Venkatanareshbabu., “SM-RuleMiner: Spider monkey based rule miner using novel fitness function for diabetes classification”. Computers in Biology and Medicine, 81, pp.79-92. (2017) (IF: 3.541, SCI Indexed) • Nachiket Tapas, Tushar Lone, Damodar Reddy Edla, Venkatanareshbabu Kuppili “Prediction of cardiac arrest recurrence using ensemble classifiers”, Springer, Sadhana. , (2017) (IF: 0.465, SCI Indexed) • Chandra, B., & Babu, K. N. (2014). Classification of gene expression data using spiking wavelet radial basis neural network. Expert systems with applications, 41(4), 1326-1330. • Edla, Damodar Reddy, Amruta Lipare, Ramalingaswamy Cheruku, and Venkatanareshbabu Kuppili. "An Efficient Load Balancing of Gateways Using Improved Shuffled Frog Leaping Algorithm and Novel Fitness Function for WSNs." IEEE Sensors Journal 17, no. 20 (2017): 6724-6733. • Cheruku, Ramalingaswamy, Damodar Reddy Edla, Venkatanareshbabu Kuppili, Ramesh Dharavath, and Nareshkumar Reddy Beechu. "Automatic disease diagnosis using optimised weightless neural networks for low-power wearable devices." Healthcare Technology Letters (2017). • Kuppili, Venkatanareshbabu, Mainak Biswas, Aswini Sreekumar, Harman S. Suri, Luca Saba, Damodar Reddy Edla, Rui Tato Marinho, J. Miguel Sanches, and Jasjit S. Suri. "Extreme Learning Machine Framework for Risk Stratification of Fatty Liver Disease Using Ultrasound Tissue Characterization." Journal of Medical Systems 41, no. 10 (2017): 152. • Edla, Damodar Reddy, Diwakar Tripathi, Ramalingaswamy Cheruku, and Venkatanareshbabu Kuppili. "An Efficient Multi- 		
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	layer Ensemble Framework with BPSOGSA-Based Feature Selection for Credit Scoring Data Analysis." Arabian Journal for Science and Engineering (2017): 1-20.		
3	<ul style="list-style-type: none"> • Virtualization layer security challenges and intrusion detection/prevention systems in cloud computing: a comprehensive review, The Journal of Supercomputing, Springer JULY 2016 • An Enhanced Intrusion Detection Framework for Securing Network Layer of Cloud Computing, ISEA IEEE Asia Security and Privacy Conference 2017 JAN 2017 • An Efficient Security Framework to Detect Intrusions At Virtual Network Layer of Cloud Computing, 19th ICIN, Paris, 2016 • A Novel Approach to Detect Extraneous Network Traffic from the Compromised Router, International Conference on Recent Advances in Information Technology (RAIT-2016), IEEE, ISM Dhanbad 2016 	Dr. Chirag Modi	CSE
4	<ul style="list-style-type: none"> • P. Swain, B. Nikhil, Video Streaming over HetNets with LTE-WiFi integration in Radio level, IEEE Conference on Information and Communication Technology (CICT), Nov 3-5, 2017, India. 	Dr. Pravati Swain	CSE
5	<ul style="list-style-type: none"> • Shikha Gupta, Samridhi Jain, Veena Thenkanidiyoor, A. D. Dileep , "Semantic Multinomial Representation for Scene Images using Dynamic Kernel based SVMs", Scene Understanding Workshop (SUNw 2016), 29th IEEE Conference on Computer Vision and Patter Recognition, 2016, (CVPR 2016) Las Vegas, NV, USA. JUN 2016 • Shikha Gupta, A.D.Dileep, Veena Thenkanidiyoor, "Segment-Level Pyramid Match Kernels For The Classification of Varying Length Patterns of Speech Using SVMs", in Proceedings of 24th European Signal Processing Conference (EUSIPCO 2016), Hilton, Budapest, Hungry AUG 2016 • Neeraj Sharma, Anshu Sharma, Veena Thenkanidiyoor, Dileep Aroor Dinesh, "Text 	Dr. Veena Thenkanidiyoor	CSE

	<p>Classification using Combined Sparse Representation Classifiers and Support Vector Machines", in Proceedings of 4th International Symposium on Computational and Business Intelligence (ISCBI 2016), Olten, Switzerland. SEPT 2016</p> <ul style="list-style-type: none"> • Shikha Gupta, Veena Thenaknidiyoor, A. D. Dileep, "Segment-level Probabilistic Sequence Kernel based Support Vector Machines for Classification of Varying Length Patterns of Speech", Accepted for Presentation in The 23rd International Conference on Neural Information Processing (ICONIP 2016), Kyoto, Japan OCT 2016 • Shikha Gupta, A. D. Dileep, Veena Thenaknidiyoor "The Semantic Multinomial Representation of Images Obtained Using Dynamic Kernel Based Pseudo-concept SVMs", in Proceedings of 23rd National Conference on Communications 2017 (NCC 2017), IIT Madras, Chennai, March 2017. <p><u>Book Chapter Published:</u></p> <ul style="list-style-type: none"> • Veena Thenkanidiyoor, Dileep A. D. and C. Chandrasekhar,, "Dynamic Kernels based Approaches to Analysis of Varying Length Patterns in Speech and Image Processing Tasks", Chapter 13, in Pattern Recognition and Big Data, World Scientific. 2016 		
6	<p><u>In Conferences (International)</u></p> <ul style="list-style-type: none"> • Singh, P., Mini, S.: A heuristic to deploy directional sensor nodes in wireless sensor networks. 8th International Conference on Computational Intelligence and Communication Networks, IEEE, Dehradun, 23-25 Dec (2016) • Sapre, S., Mini, S.: Relay node placement to establish full connectivity in Directional Sensor Networks, Fourteenth International Conference on Wireless and Optical Communications Networks (WOCN2017), Mumbai. February (2017) • Khade, G., Mini, S.: Identification of data aggregators in Wireless Sensor Network. International Conference on Wireless 	Dr. S. Mini	CSE

	<p>Communications, Signal Processing and Networking (WiSPNET), IEEE, Chennai. 22-24 March (2017)</p> <p><u>Projects</u></p> <p>Project Title: MonitAir: An IoT based Air Pollution Monitoring System Role: Principal Investigator Funding Agency: SERB-DST Start Date: 1-2- 2017 Sanctioned Amount: Rs. 22,19,320 Duration: 2 years Status: Ongoing</p>		
7	<p><u>National Journal</u></p> <ul style="list-style-type: none"> Harendra Chahar, Keshavamurthy B.N., Chirag Modi, "Privacy Preserving Distributed Mining of Association Rules Using Elliptic-Curve Cryptosystem and Shamir's Secret Sharing Scheme," Sadhana Academy Processing in Engineering Sciences, Published by Springer, SCI Index (In Press). 	Dr. Keshavamurthy B.N	CSE
8	<p><u>Publications :</u></p> <p><u>Journals:</u></p> <ul style="list-style-type: none"> Nishat Koti, Purushothama B R, Group Oriented Encryption with Constant Rekeying Cost" Security and Communication Networks, Vol 9. Issue 17, 2016, pp.4120-4137. <p><u>International Conference Proceedings:</u></p> <ul style="list-style-type: none"> Chandrasekhar Kuruba, Kethzi Gilbert, Prabhav Sidhaye, Gaurav Pareek, Purushothama B R, Outsource-Secured Calculation of Closest Pair of Points, In 4th International Symposium on Security in Computing and Communications, Springer, CCIS: Vol 625, pp. 377-389 Jaipur, India, September 21-24, 2016. Nishat Koti, Purushothama B R, Dynamic Access control in a hierarchy with constant key derivation cost, In Proceedings of Advanced Computing, Networking, and Informatics (ICACNI - 2016), NIT Rourkela, September 21-24, 2016, (Accepted and Presented) 	Dr. Purushothama B.R	CSE

	<p><u>Projects</u> Project Title: Development of Secure Key Management Protocols for Group communication Under Active Outsider Attack Mode. Funding Agency: DST-SERB Date of Approval: 20-Aug-2016 (Start Date) Sanctioned Amount: Rs. 1410200/- Project Duration: 3 Years Status: Ongoing</p>		
9	<p><u>Publication Details (Journal)</u></p> <ul style="list-style-type: none"> Title: Automated identification of distinct events in an assembly process using tracking of body postures <p>Journal Name: Concurrent Engineering: Research and Applications Status: Accepted and under publication</p>	Santhi B.	EEE
10	<p><u>Publications</u></p> <ul style="list-style-type: none"> Barry Venugopal Reddy, Veeramraju Tirumala Somasekhar, “ An SVPWM scheme for the Suppression of Zero-Sequence Current in a Four-level Open-End Winding Induction Motor Drive with Nested Rectifier-Inverter”, IEEE Transaction on Industrial Electronics, vol.63,no.5,pp.2803-2812,May 2016. 	Dr. Venugopal Reddy	EEE
11	<p><u>Publications : (Journal)</u></p> <ul style="list-style-type: none"> Suresh Mikkili, Adinarayana, “PHC, Id-Iq and pq Control Strategies for Mitigation of Current Harmonics in Three-Phase Three-Wire Shunt Active Filter with PI Controller”, International Journal of Emerging Electric Power Systems: be press (Berkeley Electronics press), Vol. 18, Issue 2, 2017. Elavala Satish, Suresh Mikkili, Lav Kumar Gupta, “Synchronous Reference Frame method for Mitigation of Current Harmonics with PI and FLC based Shunt Active Filter under Load Variation”, International Journal of Innovations in Engineering and Technology, Vol. 7, Issue 3, pp. 433-450, 2016. <p><u>Publications: Conferences</u></p>	Dr. Suresh Mikkili	EEE

	<ul style="list-style-type: none"> E Satish, L K Gupta and Suresh Mikkili, “PI and FLC (Triangular and Gaussian MF) based SHAF under Load Variation Using SRF Method”, in proc. of IEEE 7th Bi-Annual India International Conference on Power Electronics – (IICPE), Nov. 17-19, 2016, Thapar University, Patiala. <p>Projects:</p> <ul style="list-style-type: none"> Title : Design and Development of an Efficient Grid-Integrated Distributed Maximum Power Point Tracking to Photovoltaic system for Enhancing Power Quality under Partial Shading Conditions. Funded By : Science and Engineering Research Board (SERB), DST. Scheme : Early Career Research Award (ECRA) Sanctioned Amount: 40 Lakhs, Duration: 3 years (2017 – 2020) 		
12	<p>Publications</p> <ul style="list-style-type: none"> K.S. Gopalakrishnan, Santosh Janakiraman , Soumitra Das, and G. Narayanan, “Analytical Evaluation of DC Capacitor RMS Current and Voltage Ripple in Neutral-Point Clamped Inverters”, Sadhana, Indian Academy of Sciences, Vol. 42, No. 6, June 2017, pp. 827–839 	Dr. Soumitra Das	EEE
13	<p>Journal-International</p> <ul style="list-style-type: none"> Jayanand P. Gawande, Amol D. Rahulkar, and Raghunath S. Holambe, “A New Approach to Design Triplet Half-band Filter-banks Based on Balanced-uncertainty Optimization”, Elsevier, Digital Signal Processing, Vol. 56, pp.123-131, June 2016. Pravin B. Chopade, Amol D. Rahulkar, and Pradeep Patil, “Hybrid-thresholding Based Image Super-resolution Technique by the Use of Triplet Half-band Wavelets”, Institute of Engineers: Series B, Springer publisher, Vol 97, Issue 4, pp.517-523, Dec 2016. <p>Projects</p> <ul style="list-style-type: none"> Development of Fingerprint and Face Recognition System for Infants and Toddlers, SERB, DST, 16.3472 lakh (PI) Development of 	Dr. Amol Rahulkar	EEE

	robust distributed nonlinear channel equalization and identification, SERB, DST, 21 lakh (Co-PI)		
14	<p><u>Publication</u></p> <ul style="list-style-type: none"> • P.V. Subrahmanyam and C. Vyjayanthi, “Integration of PV and Battery System to the Grid with Power Quality Improvement Features using Bidirectional AC-DC Converter”, International Conference on Electrical Power and Energy Systems (ICPES), MNIT Bhopal, 14-16 Dec, 2016. http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7915918 <p><u>Projects</u></p> <ul style="list-style-type: none"> • Development of Multipurpose Intelligent Controller for a Nano Grid Operation & Principal Investigator, MNRE funded. • “Development of coordination control schemes for hybrid AC/DC micro grids for a stable and reliable system operation”, Principal Investigator, SERB, DST funded. 	Dr. C. Vyjayanthi	EEE
15	<p><u>Journal-International</u></p> <ul style="list-style-type: none"> • 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,” Energy Procedia, vol. 90, pp.69-77, Dec. 2016. <p><u>Projects</u></p> <ul style="list-style-type: none"> • A research project titled “Design and implementation of an inverter for a grid connected PV System which is a part of a Virtual Power Plant” worth Rs 33,66,650 sponsored by Science and Engineering Research Board under Early Career Award Scheme is ongoing, and the duration of the project is three years. 	Dr. Sreeraj E.C	EEE
16	<p><u>Publications</u></p> <ul style="list-style-type: none"> • Dubey and R. K. Mallik, “Effect of channel correlation on multi-hop data transmission over power lines with decode-and-forward relays,” IET Communications, vol. 10, no. 13, pp. 1623-1630, September 1 2016. <p><u>Projects</u></p> <p>Energy Efficient Lighting with PLC and VLC Based Communications By SERB, DST, GOI under Special</p>	Dr. Ankit Dubey	ECE

	<p>Call, Rs. 59,50,450/-</p> <p>PI: Dr. Ankit Dubey: 5 Credit PI: Dr. Abhinav Kumar (IITH) Co-PI: Dr. GVV Sharma (IITH) Co-PI: Dr. T. Panigrahi (NITG)</p>		
17	<p>Publication</p> <ul style="list-style-type: none"> • B. Naresh Kumar Reddy, M. H. Vasantha, and Y. B. Nithin Kumar, “A Gracefully Degrading and Energy-Efficient Fault Tolerant NoC Using Spare Core” IEEE Computer Society Annual Symposium on VLSI, July 2016, Pittsburgh, USA • Shylendra Ahish, Dheeraj Sharma, Y. B. Nithin Kumar and M. H. Vasantha, “Design and Analysis of Novel InSb/Si Heterojunction Double Gate Tunnel Field Effect Transistor” IEEE Computer Society Annual Symposium on VLSI, July 2016, Pittsburgh, USA. • Mayur S Marinaik, Siddharth Kala, Nithin Kumar Y B and Vasantha M H, “Design of Low Power 5-bit Hybrid Flash ADC” IEEE Computer Society Annual Symposium on VLSI, July 2016, Pittsburgh, USA. • Mohd Kashif Zia Ansari, S Ahish, Dheeraj Sharma, M. H. Vasantha and Y. B. Nithin Kumar, “Performance Analysis of a Novel Hetero-junction Tunnel FET based SRAM at 0.3V Supply Voltage” IEEE Students' Technology Symposium (TechSym 2016), Indian Institute of Technology Kharagpur, Kharagpur. • Rhushikesh Joshi, Arjun TV, S Ahish, Dheeraj Sharma, M. H. Vasantha and Y. B. Nithin Kumar, “Implementation of Double-Gate Junctionless Transistor and its Circuit Performance Analysis” IEEE Students' Technology Symposium (TechSym 2016), Indian Institute of Technology Kharagpur, Kharagpur. • Saurabh B.K., Siddharth R. K, Nithin Kumar Y. B, Shivnarayan Patidar and M. H. Vasantha,” Design and implementation of tunable bandpass filter for Biomedical Applications ", IEEE International Symposium on Nanoelectronic and Information Systems, 	Dr. Nithin Kumar Y.B	ECE

	December 19-21, 2016, Gwalior, India.		
18	<p><u>Publication</u></p> <ul style="list-style-type: none"> • S. Patidar, R. B. Pachori , A. Upadyay, U.R. Acharya, An Integrated Alcoholic Index using Tunable-Q Wavelet Transform based Features Extracted from EEG Signals for Diagnosis of Alcoholism, Applied Soft Computing Journal, vol. 50, pp. 71-78, 2017. • S. Patidar and T. Panigrahi, Detection of epileptic seizure using Kraskov entropy applied on tunable-Q wavelet transform of EEG signals, Biomedical Signal Processing and Control, vol. 34, pp. 74–80. • S. Patidar and Ashish Sharma, Automated Detection of Atrial Fibrillation using Fourier-Bessel expansion and Teager Energy Operator from Electrocardiogram Signals, IEEE 44th International Conference on Computing in Cardiology, (Accepted for Publication), 2017. • B. S. Chandra, C. S. Sastry, S. Jana, S. Patidar Atrial Fibrillation Detection Using Convolutional Neural Networks, In: 44th IEEE Proceedings of International Conference on Computing in Cardiology, Rennes, France, 2017. (Accepted for Publication) • S. Patidar and R. B. Pachori, Tunable-Q wavelet transform based optimal compression of cardiac sound signals, IEEE Tencon 2016, Singapore, 2016, pp. 2193 – 2197. <p><u>Projects</u></p> <ul style="list-style-type: none"> • Primary level screening of common heart disorders using non-invasively measured heart sound signals, PI: Dr Shivnarayan Patidar, NIT Goa Seed Money Project • Design and Development of Robust Distributed Nonlinear Channel Equalisation and Identification, PI: Dr Trilochan Panigrahi, Co-PIs: Dr Shivnarayan Patidar, Dr Ankit Dubey, Dr Amol Rahulkar, SERB EMR Project • Analysis of cardiovascular disorders using heart sound signals, PI: Dr Shivnarayan Patidar, SERB ECR Project 	Dr. Shivnarayan Patidar	ECE

19	<p><u>Publications</u></p> <ul style="list-style-type: none"> • S. Patidar and T. Panigrahi, Detection of epileptic seizure using Kraskov entropy applied on tunable-Q wavelet transform of EEG signals, Biomedical Signal Processing and Control, vol. 34, pg. 74-80, 2017. • T. Panigrahi, M. Panda and G. Panda, "Fault Tolerant Distributed Estimation in Wireless Sensor Networks," Journal of Network and Computer applications, Elsevier, Vol. 69, pp. 27-39, 2016. • T. Panigrahi, S. Roula, and H. Gantayat, "Application of Comprehensive Learning Particle Swarm Optimization Algorithm for Maximum Likelihood DOA Estimation in Wireless Sensor Networks," International Journal of Swarm Intelligence, Vol. 2, No.2/3/4, 2016. • Shree Prasad M., T. Panigrahi, "DOA Estimation of Coherent Sources Using QPSO in WSN" International Conference on Optical and Wireless Technologies (OWT 2017) at MNIT Jaipur, Rajasthan, from 18-19 March 2017. <p><u>Projects:</u> Design and Development of Robust Distributed Nonlinear Channel Equalization and Identification Sanctioned Amount: 25.63 lac Funding Agency: SERB, DST, GoI Duration : 3 years</p>	Dr. Trilochan Panigrahi	ECE
20	<p><u>Project</u> Title: Design of Compact Shaped Beam Antenna Array for Dedicated Short Range Communication Service Funding Agency: DST SERB Scheme: Extra Mural Research Funding (Individual Centric) Amount: Rs. 42,69,807/- Date of Acceptance: 19/01/17</p>	Dr. Anirban Chatterjee	ECE
21	<p><u>Journals</u></p> <p>B. Naresh Kumar Reddy, Vasantha.M.H., and Nithin Kumar Y.B., "High- Performance and Energy-Efficient Fault-Tolerance Core Mapping in NoC,"</p>	Dr. Vasantha M.H	ECE

	<p>Sustainable Computing, Informatics and Systems, 2017.(Impact Factor= 1.80)</p> <p>B. Naresh Kumar Reddy, Vasantha.M.H., and Nithin Kumar Y.B., “System Level Fault-Tolerance Core Mapping and FPGA-based Verification of NoC,” Microelectronics Journal, 2017. (Impact Factor= 1.213)</p> <p>B. Naresh Kumar Reddy, Vasantha.M.H. and Nithin Kumar Y.B., “Hardware Implementation of Fault Tolerance NoC Core Mapping,” Telecommunication Systems (TELS), 2017. (Impact Factor= 1.542)</p> <p>Projects:</p> <p>1) Name: Deity and Media lab Asia Visveswaraya Ph.D scheme 8 ph.D students are approved for the year 2014-15</p> <p>a) Embedded NoC b) Approximate computation 228.0 lakh 2014-2019 Status: Ongoing</p> <p>2) Name: DST, SERB under ECR STRATEGIES FOR FAULT-TOLERANT NETWORK-ON-CHIP DESIGN 23 lakh 3 years as Co-Pi Ongoing</p>		
22	<p>Publications:</p> <p>Conferences</p> <p>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.</p>	Dr. Mallikarjun E.	ECE
23	<p>Publications:</p> <p>Journal Publications:</p> <p>1. T.Veerakumar, B N Subudhi, S. Esakkirajan, and P K Pradhan, “Context model based edge preservation filter for impulse noise removal” Expert Systems with Applications (Elsevier), vol. 88, pp. 29-44, 2017.</p> <p>2. BN Subudhi, T. Veerakumar, S. Esakkirajan, and</p>	Dr. T. Veerakumar	ECE

	<p>Ashis Ghosh, “Tumor or abnormality identification from magnetic resonance images using statistical region fusion based segmentation”, Magnetic Resonance Imaging (Elsevier), Vol. 34, Issue 9, p1292–1304, 2016.</p> <p>3. T. Veerakumar, Raviprasad KJ, BN Subudhi, and S. Esakkirajan, “Impulse Noise Removal Using Adaptive Radial Basis Function Interpolation”, Circuits Systems and Signal Processing, (Springer), 2016.</p> <p>4. C. Vimalraj, S. Esakkirajan, T. Veerakumar and P. Sreevidya, “Direction sensitive wavelet packet for despeckling of ultrasound images”, IET Computer Vision, 2016.</p> <p>International Conference Publications</p> <p>1. BN Subudhi, T. Veerakumar, Deepak Yadav, A.P. Suryavanshi, SN Disha, “Video Skimming for Lecture Video Sequences Using Histogram Based Low Level Features”, IEEE 7th International Advance Computing Conference, 2017.</p> <p>Projects Title: DST-SERB EMR - Smart City Surveillance using Decentralized Multi-camera Networks File Number: EMR/2016/002552 Funding agency: DST Cost: Rs.41,91,368/- Duration: 3 years Status: On Going Remarks: PI Dr. BN Subudhi, Co-PIs: Dr.T.Veerakumar Dr. Pravati Swain.</p>		
24	<p><u>Publication:</u></p> <p>1. Khalid Muzaffar, Krishnendu Chatterjee, Lalat Indu Giri, Shibam Koul, and Suneet Tuli, "Modelling and Analysis of Power Distribution of Electromagnetic Waves on Plane Surfaces Using Lock-in IR Thermography", J Nondestruct Eval, 36:60, 2017</p> <p><u>Projects:</u></p>	Dr. Lalat Indu Giri	ECE

	<p>Co-Investigator: “Design and development of a photovoltaic and human power hybrid energy system for varied applications”, Department of Science, Technology & Environment, Government of Goa, Amount: 5,00,000 INR</p> <p>Principal investigator: “Design and development of a photovoltaic – thermoelectric hybrid energy system”, SERB DST File No: ECR/2016/000821, Amount: 37,24,600 IN</p>		
25	<p><u>Publications</u></p> <ol style="list-style-type: none"> 1. Paper entitled “Criticism as Creation: Those Walls of the Self”, accepted for Muse India [e-Journal] 2. Paper entitled “Earnest Hemingway: Through Sri Aurobindo’s Advanced Psychology”, Goutam Ghosal & Sarani Ghosal, Atlantic Quarterly, Jan-June 2016, Vol.15, Numbers:1-2, ISSN: 0972-6373 3. Paper entitled “Gauri and Bela: two Facets of Feminism in Jhumpa Lahiri’s The Lowland”. Literaria, Vo. 6, No.1-2. Jan-Dec 2016, ISSN: 2229-4600 <p><u>Books</u></p> <ol style="list-style-type: none"> 1. Indian Responses to Shakespeare, Eds by Goutam Ghosal and Sarani Ghosal, Authors Press, New Delhi, ISBN: 978-5207-527-0 	Dr. Sarani Ghosal Mondal	H&S
26	<p><u>Publications</u></p> <p>Spectroscopic evidence for cofactor–substrate interaction in the radical-SAM enzyme TYW1, Dalton Trans., 46 (2017) 13211-13219, DOI: 10.1039/c7dt00736a</p> <p><u>Projects</u></p> <p>EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates, 2015-2018, Ongoing</p>	Dr. Velavan Kathirvelu	H&S
27	<p><u>Publication</u></p> <ol style="list-style-type: none"> 1. T. Veerakumar, Ravi Prasad K. Jagannath, BN Subudhi, S. Esakkirajan, "Impulse Noise Removal Using Adaptive Radial Basis Function Interpolation", Circuits, Systems, and Signal 	Dr. Ravi Prasad K.J	H&S

	<p>Processing, Vol.36, No.3, pp.1192-1223, 2017. SCI:1.694 MAR 2017</p> <p>2. Aman Sharma, Naga Ganesh Kurapati, Ravi Prasad K. Jagannatha, Patrice Wirab, Shyam Lal, A.V. Narasimhadhan, "Modified Null Space Strategy to Solve Consensus Problem", Kuwait Journal of Science, Vol. 43, No. 4, pp. 82-94, October 2016, Academic Publication council of Kuwait University, Kuwait. Indexed by SCI, Thomson ISI, Scopus (Elsevier), JCR (2015)</p>		
28	<p><u>Publication Details</u></p> <p>Ravi Ragoju, Kanchana C, Siddheswar P.G., "Effects of second diffusing component and cross diffusion on primary and secondary thermoconvective instabilities in couple stress liquids" Appl. Math. Mech. -Engl. Ed., ----Accepted</p>	Dr. Ragoju Ravi	H&S

7.2 Paper Presented in Seminars

Sr. No.	<u>Papers Presented</u>	Faculty Member	Department
1	<p><u>Paper Presented in Seminars</u></p> <p>Shraddha Naik and Ravi Prasad K. J., "Accurate Validation of GCV-based Regularization Parameter for Extreme Learning Machine," - International Conference on Advances in Computing, Communications and Informatics (ICACCI) 2017 .</p>	Dr. Ravi Prasad K.J	H&S
2	<p><u>Papers Presented</u></p> <p>Paper entitled "ELT and beyond: Necessity of Soft Skills development in the classroom" presented at 11th International Symposium on Teaching English at Tertiary Level, held in Hong Kong Polytechnic University, 9-10 December, 2016, Hong Kong.</p>	Dr. Sarani Ghosal Mondal	H&S

7.3 Workshops Conducted/Participated/attended

Sr. No.	Workshop Details	Faculty Member	Department
1	National Workshop On “Practical Applications of Data Mining, IBM-Bluemix and IBM-Watson” (5-9 December, 2016)	Dr. Damodar Reddy Edla	CSE
2	<p><u>Workshops Conducted</u></p> <ol style="list-style-type: none"> 1. One week Course on Cyber Crime Investigation and Digital Forensics, under MHRD GIAN Initiative. 30 Nov - 6 Dec, 2016 2. 10 Days Course on Advancements in Privacy Preserving Data Mining, under MHRD GIAN Initiative. 19 - 29 Dec, 2016 3. 10 Days Course on Public Key Infrastructure (PKI) and Trust Management, under MHRD GIAN Initiative. 5-14 Nov 2016 4. One Day Workshop on High Performance Computing, 12 August, 2016. Sponsored by Wipro/Intel. 5. First National Workshop on Security and Privacy: Theory and Practice (SAP:TAP 2016) 6. Recent Advancements in Privacy Preserving Mining (RAPPM), 23-28 May, 2016 	Dr. Chirag Modi	CSE
3	<p><u>Workshop Conducted</u></p> <ul style="list-style-type: none"> • 6-days STTP on “Video and Image Analysis: Fundamental and Advances”, during May 30-June 4, 2016 	Dr. Amol Rahulkar	EEE
4	<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 	Dr. Suresh Mikkili	EEE

	<p>Women, Bhimavaram, Andhra Pradesh on 26th August 2016 under TEQIP-II.</p> <ul style="list-style-type: none"> • 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, CDAC Trivandrum (12 - 14 May 2016) – (Convener) • MHRD-GIAN Course (two weeks : 2 credits) on “Power Electronics for Renewable Energy Systems,” under the Aegis of MHRD-GIAN, 8-17 December, 2016 – (Convener) 		
5	<p><u>Workshops Conducted</u></p> <ul style="list-style-type: none"> • Two Days National Workshop on “Internet of Things (IoT) for Home Automation”, March 24th – 25th, 2017. 	Dr. Vyjayanthi	EEE
6	<p>Conference [National/International]</p> <p>Workshops Conducted</p> <ol style="list-style-type: none"> 1. NBHM Sponsored “Conference on Computational and Theoretical Partial Differential Equations”, 5-7, October, 2016 held at NIT Goa. 2. Second Session of National Conference cum Workshop on Enhancing Information Technology Education from July 25 to July 30, 2016 with funding from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) scheme. 3. International conference on Current trends in Non-classical Continuum Mechanics, DRDO funded, (December 14th and 15th, 2015). <p><u>Projects</u></p> <ol style="list-style-type: none"> 1. Project Title: “Development of Efficient Algorithms for Photo-acoustic Tomography 	Dr. Ravi Prasad K.J	H&S

	(PAT)” SERB; Total cost of Rs. 2414000/-; Duration of Three years. 2. Funding of Rs 15,00,000/- to organize National Conference and Workshop on "Enhancing Information Technology Education (EITE)" Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Project Scheme.		
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Workshop Photographs

7.4 Conferences:

Sr. No.	Conference Details	Faculty Member	Department
1	<u>Conferences</u> <ul style="list-style-type: none"> • ISEA IEEE Asia Security and Privacy Conference 2017, 29 Jan-1 Feb 2017, NIT Surat (Attended) 	Dr. Chirag Modi	CSE
2	<u>Conference Attended</u> <ul style="list-style-type: none"> • Twenty Third National Conference On Communications, 2-4 March 2017, IIT Madras 	Dr. Veena	CSE
3	<u>Conference [National/International] (Conducted/ Attended)</u> <ul style="list-style-type: none"> • Advanced Computing, Networking, and Informatics (ICACNI - 2016), NIT Rourkela (Attended and Presented Papers). 	Dr. Purushothama B.R	CSE
4	<u>International Conference</u> <ul style="list-style-type: none"> • Seema Wazarkar and Bettahally N. Keshavamurthy, “Feature Extraction Model for Social Images,” 1st International Conference on Smart Computing and Informatics (SCI-2017), Proc. of Springer SIST, Visakhapatnam, India, March 2017. 	Dr. Keshavamurthy B.N	CSE

	<ul style="list-style-type: none"> • Shitala Prasad and Keshavamurthy B.N., “An efficient artistic image-video Transfer Approach,” Proc. of 23rd IEEE International Conference on Mechatronics and Machine Vision in Practice (M2VIP), Nanjing, China, Nov 2016, pp. 1-4. • ChennaKesava Reddy Kamireddy, Bingi Sateesh, Keshavamurthy B.N. “Efficient Routing of 108 Ambulances using Clustering Techniques,” Proc. of 6th IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), Chennai, Dec 15-17, 2016. 		
5	<p><u>Conferences</u></p> <ul style="list-style-type: none"> • K. Prakash, V. Pradeep, B Venugopal Reddy, " Multiport Switch based MPPT for stand-alone Photovoltaic Power Systems", IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES), DTU Delhi, 4-6 July 2016. 	Dr. Venugopal Reddy	EEE
6	<p><u>Conferences</u></p> <ul style="list-style-type: none"> • D. Sharma, R. K. Mallik, S. Mishra, A. Dubey, and V. Ranjan, "Voltage control of a DC microgrid with double-input converter in a multi-PV scenario using PLC," accepted for presentation at the IEEE Power & Energy Society General Meeting 2016, Boston, USA, July 17-21, 2016. 	Dr. Ankit Dubey	ECE
7	<p><u>Conference[National/International](Conducted/ Attended)</u></p> <ul style="list-style-type: none"> • International Conference on Computing in Cardiology, Rennes, France, 2017 	Dr. Shivnarayan Patidar	ECE
8	<p><u>Conference [National/International] (Conducted/ Attended) Attended</u></p> <ul style="list-style-type: none"> • Attended and presented a paper in International Conference on Optical and 	Dr. Trilochan Panigrahi	ECE

	<p>Wireless Technologies (OWT 2017) at MNIT Jaipur, Rajasthan, from 18-19 March 2017.</p> <ul style="list-style-type: none"> • Second national conference cum workshop on “Enhancing Information Technology in Education” under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching at NIT Goa from July 25-30 2016. • One week Global Initiative of Academic Networks (GIAN) Course on “Nonlinear Adaptive Signal Processing,” organized by the Department of ECE, NIT Goa, Goa, during 13th March– 17th March, 2017. • One week Global Initiative of Academic Networks (GIAN) Course on “Advanced Digital Signal Processing,” organized by the Department of ECE, NIT Rourkela, Odisha, during 6th – 10th March, 2017. • IEEE ComSoc Training Course on “Wireless for the Internet of Thing (IoT)”, on 14th Feb 2017. • DST and MNRE, Govt. of India sponsored one week short term course on “Recent Advances in Alternative Energy Sources (RAAEST 2016)” organized by Department of ECE, NIT Goa, India from 5-10th December 2016. • Nine Days Global Initiative of Academic Networks (GIAN) Course on “Advanced in Wireless Communication and Antennas,” Course No. 151036D02, organized by the Department of ECE, NIT Warangal, Telengana State, during 6th June – 14th June, 2016. 		
9	<p><u>Conference [National / International] (Conducted/ Attended) Detail</u></p> <ul style="list-style-type: none"> • Presented a paper Tencon 2016, IEEE Region 10 conference, Singapore in November 2016 • Chaired the session on Video Coding. 	Dr. Lalit K. Jiwani	ECE
10	<p><u>Conference</u></p> <ul style="list-style-type: none"> • Veerendranath P.S., Vasantha M. H., Y. B. Nithin Kumar, “A Novel Low Power Gm-C Continuous-Time Analog Filter With Wide Tuning Range”, IEEE TENCON 2016, Singapore. • Mohd Kashif Zia Ansari, S. Ahish, Dheeraj 	<ul style="list-style-type: none"> • Dr. Vasantha M.H 	ECE

	<p>Sharma, Vasantha M. H., Nithin Kumar Y. B., “Implementation of Double-Gate Junction less Transistor and its Circuit Performance Analysis” , IEEE TechSym 2016.</p> <ul style="list-style-type: none"> • Rhushikesh Joshi, Arjun T.V., Ahish Simhadri, Vasantha M.H., Nithin Kumar Y. B., “Implementation of Double-Gate Junctionless Transistor and its Circuit Performance Analysis”, IEEE TechSym 2016. • Ahish S, Vasantha.M.H., Nithin Kumar Y.B., Dheeraj Sharma “Design and Analysis of Novel InSb/Si Heterojunction Double Gate Tunnel Field Effect Transistor”, IEEE Computer Society Annual Symposium on VLSI 2016 held at Pittsburgh, Pennsylvania, USA (July 11-13, 2016) • S. M. Mayur, R. K. Siddharth, Y. B. Nithin Kumar, and M. H. Vasantha, “Design of Low Power 5-bit Hybrid Flash ADC”, IEEE Computer Society Annual Symposium on VLSI 2016 held at Pittsburgh, Pennsylvania, USA (July 11-13, 2016) • B. Naresh Kumar Reddy, Vasantha.M.H. and Nithin Kumar Y.B. “A Gracefully Degrading and Energy-Efficient Fault Tolerant NoC Using Spare Core” IEEE Computer Society Annual Symposium on VLSI 2016 held at Pittsburgh, Pennsylvania, USA (July 11-13, 2016) 		
11	<p><u>Conferences</u></p> <ul style="list-style-type: none"> • NBHM Sponsored “Conference on Computational and Theoretical Partial Differential Equations”, 5-7, October, 2016 held at NIT Goa. (Organized) • International IFCAM Conference on Nonlinear PDEs, Tata Institute of Fundamental Research, Bangalore, 28-29, March, 2017. (Attended) • National Workshop on Advanced Analysis and Differential Equations, Periyar University, Salem, 9, June - 17, June, 2016. (Attended) • Delivered lecture on “Tumor Invasion: Mathematical Models and Numeirical Simulations” as UGC-SAP Visiting Fellow at Department of Mathematics, Periyar 	Dr. Shangerganesh	L. H&S

	University, Salem, Tamilnadu, 20-21, February, 2017 <ul style="list-style-type: none"> Delivered talk on “Mathematical Modelling and Analysis” at Second National Conference/Workshop on Enhancing Information Technology Education(EITE), National Insitute of Technology Goa, Farmagudi, Goa, 29, July, 2016. 		
12	Conference [National/International] (Conducted/ Attended) Book Chapter-“Patenting and technical efficiency of manufacturing firm in India: Evidence from Medium and High technology firms”. In Technology, Corporate and Social Dimensions, Eds. N.S. Siddharthan and K. Narayan, [Springer Publication].	Dr. Sunil Kumar A	H&S

7.5 Student Chapters

SPIE

SPIE, the International Society of Optics and Photonics opened its student chapter in NIT Goa in 2012 to promote research and disseminate knowledge in the field of Optical Engineering. Over the years, our chapter has been growing and conducting various activities to make the students aware of the latest advances in the field of light technology. The effort has been made to motivate the students to do active research in the area to contribute to the world of optics and also at the same time, conduct outreach activities for the benefit of the society. The SPIE Student chapter of NIT Goa has presently 22 student members who actively take part in SPIE activities. Also, they are running an initiative called “Laser Mission 10X” with the help of other student members of the institute. The Laser Mission 10x activities during August 2016-2017 was funded by the SPIE Education Outreach Grant.

SPIE Photographs

TOASTMASTERS CLUB

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

TOASTMASTERS Photographs

QUANTA

The past year has been a glorious one for QUANTA, the Quiz Club of NIT Goa. Many enthusiastic first year students joined QUANTA and regularly attend the monthly quizzes. Here is a list of all the achievements of QUANTA over the past academic year of 2016-17:

- Tejan Karmali and Manu Bhat: Tata Crucible Campus Quiz Goa regionals 2017; 1st Prize: INR 75000+goodies
- Tejan Karmali and Sahil Ramchandani: Dempo BizQuest 2017;1st Prize: Rs. 10000/
- Harsh Hegde and Sahil Ramchandani GIM General Quiz 2017: 1st Prize: Rs.10000
- Soham Kamat, Tejan Karmali and Sahil Ramchandani 3rd place in Rite of Passage 2016: Prize: Rs. 1200/
- Harsh Hegde and Sahil Ramchandani 1st place in Olympics Quiz 2016: 1st Prize: Rs. 7000

- Harsh Hegde and Sahil Ramchandani 2nd place in GEC General Quiz 2016
- Sauvik Senapati, Anand Singh, and Varan Shukla 2nd place in Trivium 2016 Prize: Rs. 1500+ vouchers
- Harsh Hegde 1st place in Konn Kitem Kenna Open Quiz 2016
- Tejan Karmali and Sahil Ramchandani 1st place in T.A. Pai Management Institute's Quiz on the Beach online round (all India). Prize: INR 4000 + wild card entry in semifinals at Manipal
- Harsh Hegde and Sahil Ramchandani 4th position in Goa Open Quiz, Quizstock 2017
- Tejan Karmali and Sahil Ramchandani 2nd position in GEC's Electronics and Telecommunication department's General Quiz
- Sauvik Senapati and Nithin Lakshmisha 1st place in TV series quiz 'Sheldon Marshall Ross' in Raag 2017: Prize: INR 2000+ vouchers

Apart from the above quizzes, QUANTA also hosted the General Quiz for “Tathastu”, the college festival of Chowgule College, Margao. The proceeds is being used to provide refreshments at the monthly quizzes for all the attendees.

8.0 OUTREACH CELL ACTIVITIES

SPIE student chapter members visited high schools around Goa, to conduct sessions on topics related to the study of light. Also, some of the members showcased their projects to encourage the young minds towards the advances in light technology.

8.1 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 developmental 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 developmental challenges and evolving appropriate solutions for accelerating sustainable growth.

The nodal officer of the UBA cell of the institute has attended training programs organized by UBA. The training programs include, the regional workshop of South Zone of Unnath Bharat Abhiyaan at National Institute of Rural Development and Panchayati Raj (NIRD&PR) Rajendranagar, Hyderabad on Nov 4, 2016 and the National Workshop on Unnat Bharat Abhiyan (UBA) at National Institute of Rural Development & Panchayati Raj, Hyderabad on 4th to 6th January, 2017. Besides this, the nodal officer has attended the meeting for Energy for Sustainable Development of Rural Areas under Unnat Bharat Abhiyan on 15th September 2015. More over, a video conferencing with Additional Secretary (T), Shri Subramaniam, district collector of South Goa, and UBA officials from NIT Goa has taken place in 11/07/2017.

After the completion of the aforementioned training programs, a signed memorandum of understanding was send to IIT Delhi on 07/02/2017 citing the willingness of the institute to take part in the activities. Later a project proposal was prepared and submitted to IIT Delhi on 23/02/2017 for the implementation of field visits, requesting for a total funding of Rs 4.15 lakhs. A funding of Rs 1.75 lakhs was received from IIT Delhi for the implementation of UBA program on 06/07/2017.

Based on the inputs received from the training programs and communication with UBA cell of IIT Delhi, the institute has adopted five villages in North Goa District and South Goa District in consultation with the concerned district collector. The names of the Cluster of

Villages selected in the districts are Keri-Priol in Ponda taluka, Kalay in Sanquem, and Macazana and Guirdolim in Salcette.

Various programs including field visits to the adopted villages, conduction of house hold and village level surveys, has been under taken under the banner of UBA. After an initial round of discussion with the district collector of South Goa, the collector has facilitated an initial meeting with SDO and other officials of the selected village clusters. The meeting of SDO Quepem, BDO of the selected block, other officials, Sarpanches and school teachers of Kalay panchayats took place on 24/7/2017 and the meeting of SDO Salcette, BDO of the selected block, other officials, Sarpanches and school teachers of Macazana and Guirdoli panchayats took place on 27/7/2017. Similar meeting for the Keri V.P. (Priol) chaired by SDO Ponda happened on 24/07/2017.

Further to this, the UBA team members from NIT Goa visited Kalay village panchayat to do the detailed planning of the field visit scheduled on 19th August 2017. A team of around 80 members comprising of 10 staff members and students participated in the field visit to Kalay village panchayat and did a detailed house hold and village level survey. The village level survey is uploaded in the UBA portal, and the house hold survey of around 800 households is in the process of uploading. The staff members from NIT Goa has visited Keri-Priol village and met elected representatives of the village, and on 14-10-2017, faculty members has prepared the detailed planning of field survey, with each faculty member responsible for one ward. The village level survey of the Keri-Priol VP is conducted in theses visits, and the field visit to conduct the detailed house hold survey is planned on January 2018. The detailed planning and the execution of the field visits of the remaining village clusters is in the planning stage and is expected to complete by March 2018.

Along with these activities, the UBA cell of NIT Goa has conducted community outreach activities like conduction of a training program on Solar Photovoltaic systems on 12/07/2017 for the students of Govt Industrial Training Institute (ITI), Farmagudi, Goa.

9.0 PLACEMENT DETAILS OF STUDENTS FOR ACADEMIC YEAR 2016-17

List of Companies Recruited Students in the Academic Year 2016-17

PLACEMENT RECORD FOR THE ACADEMIC YEAR 2016-17 (Branch wise)

Department	Total No. of Students (EL)	Total No. of Students placed	Percentage of Placements
CSE	19	13	68.42
EEE	13	12	92.31
ECE	19	19	100

***EL: Eligible.**

PLACEMENT RECORD FOR THE ACADEMIC YEAR 2016-17 (Overall)

Total No. of Students (EL)	51
Total No. of Students Placed	44

Sr. No.	Name of the Company	Sr. No.	Name of the Company
1	Microsoft Services	9	Polaris
2	Capgemini	10	Indian Navy
3	Wipro	11	L & T Construction
4	Mphasis	12	HFCL
5	Siemens	13	Smartprix
6	Great West Global	14	Directi
7	Persistent	15	Logic fruit
8	Barclays		

Percentage of Placements	86.27
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Maximum pay package: 12 Lakhs

Average pay package: 4.5 Lakhs (Approx.)

10.0 CONVOCATION

NIT Goa celebrated its 2nd convocation on 24th August 2016, in the institute campus. The convocation experienced a spectacular gathering of students, their parents, renowned academicians, scientists, industrialists and heads of various government departments. B.Tech batch 2012-2016 and M.Tech Batch 2014-16 were awarded degrees. The total number of students awarded degree at this convocation is 128, out of which 83 were of B.Tech and 45 were M.Tech.

Smt. Mridula Sinha, Governor of Goa was invited as the Chief Guest of the convocation.

10.1 Medals awarded for the B.Tech Batch 2012-16

The PRESIDENT'S GOLD MEDAL for the outstanding all-round performance in all disciplines of undergraduate programmes of study was awarded to Mr. Akshay G Verandani for the batch 2012-2016. The DIRECTOR'S GOLD MEDAL for the best academic performance in all disciplines of undergraduate programmes of study was awarded to Mr. Karapurkar Nilkant Guirish for batch the 2012-2016. A Silver Medal was awarded to Mr. Kuruba Chandrasekhar in the department of Computer Science Engineering. A Silver Medal was awarded to Mr. Karapurkar Nilkant Guirish in the Department of Electrical and Electronics Engineering. Ms. Pai Meera V. was awarded the Silver Medal in the Department of Electronics and Communication Engineering.

10.2 Medals awarded for the M.Tech Batch 2014-16

The PRESIDENT'S GOLD MEDAL for the outstanding all-round performance in all disciplines of undergraduate programmes of study was awarded to Mr. S Ahish for the batch 2014-2016. The DIRECTOR'S GOLD MEDAL for the best academic performance in all disciplines of undergraduate programmes of study was awarded to Mr. S Ahish for batch the 2014-2016. Mr. S Ahish was also awarded as the best departmental academic performer in the Department of Electronics and Communication Engineering for the batch 2014-2016. The award of best academic performance in the Department of Computer Science and Engineering was given to Ms. Koti Nishat Saipanmuluk for the batch 2014-2016. The award of best academic performance in the Department of Electrical and Electronics Engineering was given to Mr. Chalamalasetti Leela Satya Srinivas for the batch 2014-2016.

Convocation Photograph

List of Completed GIAN Course

No	Course Code	Title of the proposal	Course Coordinator	Foreign Faculty	Indian Faculty	Expected Date of Conduction
1	151038D04	Power converters for alternate energy sources	Dr. Soumitra Das Asst. Prof., Dept. of EEE	Ashoka Krishna Sarpangal Bhat, Canada		21st March - 1st April, 2016
2	161038K01	Computational Mathematics and Finite Element Method	Dr. P Saidi Reddy, Asst. Prof., HS Dr. Velavan Kathirvelu, Asst. Prof., HS	Prof. Karan S. Surana, University of Kansas, Lawrence, KS, USA	Dr. Ravi Ragoju, Asst. prof, NIT Goa	1-11th July 2016
3	161038D01	Public Key Infrastructure (PKI) and Trust Management	Dr. Modi Chirag Navinchandra Asst. Prof., Dept. of CSE	Prof. Audun Jøsang, University of Oslo, Oslo, Norway	Dr. Modi Chirag Navinchandra, NIT Goa Dr. Pravati Swain, NIT Goa Dr. Keshavamurthy B. N., NIT Goa	5-14th November, 2016
4	171038D07	Computational Nonlinear Optics	Dr. P Saidi Reddy, Asst. Prof., HS Dr. Velavan Kathirvelu, Asst. Prof., HS	Dr. Jeremy Gulley, Kennesaw State University, GA, USA		7-18 November 2016
5	161038D10	Cyber Crime Investigation and Digital Forensics	Dr. Modi Chirag Navinchandra Asst. Prof., Dept. of CSE	Dr. Greg Gogolin, Ferris State University, Michigan, USA	Dr. Modi Chirag Navinchandra, NIT Goa Dr. Pravati Swain, NIT Goa Dr. Keshavamurthy B. N., NIT Goa	30th Nov. - 6th Dec. 2016
6	161038D04	POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS	Dr. Suresh Mikkili, Asst. Prof., EEE Dr. B. Venugopal Reddy, Asst. Prof., EEE	Prof. Marcelo Godoy Simoes, Colorado School of Mines, USA		8 – 17th December 2016
7	151038D01	Cloud Security and Privacy	Dr. Damodar Reddy Edla, Asst. Prof., CSE	Prof. Muttukrishnan Rajarajan, City University London, United Kingdom		12 – 18th December 2016
8	161038L01	Applied Continuum Mechanics	Dr. P Saidi Reddy, Asst. Prof., HS	Prof. J. N. Reddy, Texas A&M University, TX, USA	Dr. A. Rajagopal, Assistant Professor, IIT Hyderabad.	15 – 25th December 2016

9	161038D02	Nanoscale Wireless Networking: Opportunities, Challenges, and Recent Advances	Dr. Trilochan Panigrahi, Asst. Prof. ECE	Prof. Mahbub Hassan, University of New South Wales, Sydney, Australia	Dr. Trilochan Panigrahi, NIT Goa Dr. Ankit Dubey, NIT Goa	19 – 24th December 2016
10	161038K02	Advancements in Privacy Preserving Data Mining	Dr. Modi Chirag Navinchandra, CSE Dr. Keshavamurthy B. N., CSE	Prof. Ljiljana Brankovic, University of Newcastle, Australia, Australia		December 19-29, 2016
11	161038D08	Low Power Nyquist-rate Data Converter	Dr. Nithin Kumar Y.B., ECE, Vasanth M H, ECE	Prof. Edoardo Bonizzoni, University of Pavia, Italy		6 -10th March, 2017
12	151038D06	Non-linear Adaptive Signal Processing	Dr. Badri Narayan Subudhi, ECE Dr. T. Veerakumar, ECE	Prof. John Soraghan, University of Strathclyde, UK		13-18th March, 2017

ANNUAL ACCOUNTS

AUDIT REPORT

NATIONAL INSTITUTE OF TECHNOLOGY GOA
BALANCESHEET AS AT 31ST, MARCH, 2017

Amount in Rupees

SOURCES OF FUND	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	21,65,79,143.77	16,60,01,167.64
DESIGNATED/ EARMARKED / ENDOWMENT FUNDS	2	68,69,261.00	55,29,252.00
CURRENT LIABILITIES & PROVISIONS	3	27,02,74,566.72	13,28,21,493.79
TOTAL		49,37,22,971.49	30,43,51,913.43
APPLICATION OF FUNDS	Schedule	Current Year	Previous Year
FIXED ASSETS	4		
Tangible Assets		4,79,11,730.18	3,74,76,214.03
Intangible Assets		10,21,327.00	33,72,859.00
Capital Works-In-Progress		97,098.00	-
INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS	5		
Long Term		-	-
Short Term		-	-
INVESTMENTS - OTHERS	6	-	-
CURRENT ASSETS	7	41,76,87,664.54	23,10,26,264.36
LOANS, ADVANCES & DEPOSITS	8	2,70,05,151.77	3,24,76,576.04
TOTAL		49,37,22,971.49	30,43,51,913.43
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	24		

FOR AND ON BEHALF OF THE BOARD

DIRECTOR

National Institute of Technology Goa
Famagudi, Ponda
Goa: 403 401

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES

FRN: 127641W



C A GURUPRASAD NAIK
PARTNER

MEM NO. 136787

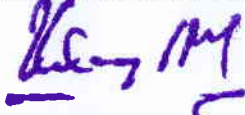
PLACE: PONDA, GOA

DATE: 20-05-2017

NATIONAL INSTITUTE OF TECHNOLOGY GOA
INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31ST, MARCH, 2017

PARTICULARS	Schedule	Amount in Rupees	
		Current Year	Previous Year
INCOME			
Academic Receipts	9	3,12,44,913.54	2,86,30,155.39
Grants / Subsidies	10	11,12,32,476.29	10,53,62,010.51
Income from investments	11	39,72,768.79	45,98,297.84
Interest earned	12	61,95,473.00	46,10,241.00
Other Income	13	6,06,664.65	1,10,555.00
Prior Period Income	14	-	-
TOTAL (A)		15,32,52,296.27	14,33,11,259.74
EXPENDITURE			
Staff Payments & Benefits (Establishment expenses)	15	5,85,11,593.30	5,60,35,423.54
Academic Expenses	16	3,05,55,652.00	3,08,22,693.61
Administrative and General Expenses	17	1,57,27,185.75	1,48,59,374.27
Transportation Expenses	18	7,74,189.24	8,61,948.56
Repairs & Maintenance	19	54,87,777.00	24,94,474.53
Finance costs	20	34,310.00	25,883.00
Depreciation	4	1,17,49,059.27	1,32,68,776.00
Other Expenses	21	-	-
Prior Period Expenses	22	1,41,769.00	2,62,213.00
TOTAL (B)		12,29,81,535.56	11,86,30,786.51
Balance being excess of Income over Expenditure (A-B)		3,02,70,760.71	2,46,80,473.23
- Transfer to/from Designated Fund			
Building Fund		-	-
Others(Specify)		-	-
- Transfer from Corpus/Capital Fund (equal to depreciation)		95,70,624.27	1,31,38,351.00
Balance Being Surplus / (Deficit) Carried to Capital Fund		3,98,41,384.98	3,78,18,824.23
Significant Accounting Policies	23		
Contingent Liabilities And Notes To Accounts	24		

FOR AND ON BEHALF OF THE BOARD



DIRECTOR
National Institute of Technology Goa
Farmagudi, Ponda
 Goa - 403 401

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: 20-05-2017

NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET AS AT 31ST, MARCH, 2017

SCHEDULE - 1 CORPUS/CAPITAL FUND

Particulars	Amount in Rupees	
	Current Year	Previous Year
Balance at the beginning of the year	16,60,01,167.64	12,34,81,807.99
Add: Contributions towards Corpus/Capital Fund	-	-
Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure	90,07,862.00	1,70,27,157.42
Add: Assets Purchased out of Earmarked Funds	-	-
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution	23,20,736.00	8,11,729.00
Add: Assets Donated/Gifts Received	-	-
Add: Other Additions (Excess Depreciation W/back)	86,44,033.42	-
Add: Institutional Overheads from Projects	3,34,584.00	-
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	3,98,41,384.98	3,78,18,824.23
TOTAL	22,61,49,768.04	17,91,39,518.64
Less: Transfer to Earmarked Funds	-	-
Less: Deduction equal to the amount of Depreciation charged-transfer to I& E account	95,70,624.27	1,31,38,351.00
Less: Deficit transferred from the Income & Expenditure Account	-	-
Balance at the year end	21,65,79,143.77	16,60,01,167.64



**NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET AS AT 31ST, MARCH, 2017**

SCHEDULE 2 - DESIGNATED/ EARMARKED / ENDOWMENT FUNDS

Particulars	FUND-WISE BREAK UP					Amount in Rupees	
	Institute Devt Fund	Hostel Devt Fund	Projects Faculty & Staff Development Fund	Projects Professional Development Fund	Endowment Funds	Current Year	Previous Year
	TOTAL						
A.							
a) Opening balance	54,01,652.00	1,27,600.00	-	-	-	55,29,252.00	46,10,252.00
b) Additions during the year	-	-	2,50,938.00	2,50,938.00	-	5,01,876.00	-
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)	8,80,000.00	-	-	-	-	8,80,000.00	9,19,000.00
i. Collected from Students							
ii. Transfer from Corpus Fund							
Total (A)	62,81,652.00	1,27,600.00	2,50,938.00	2,50,938.00	-	69,11,128.00	55,29,252.00
B.							
Utilization /Expenditure towards objectives:							
i) Capital Expenditure	-	-	-	-	-	-	-
ii) Fixed Assets written off	-	-	-	-	-	-	-
ii) Revenue Expenditure	-	-	-	41,867.00	-	41,867.00	-
Total (B)	-	-	-	41,867.00	-	41,867.00	-
Closing Balance at the year End (A-B)	62,81,652.00	1,27,600.00	2,50,938.00	2,09,071.00	-	68,69,261.00	55,29,252.00
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, 2017

SCHEDULE 2A
ENDOWMENT FUNDS

1. Sr. No.	2. Name of the Endowment	Amount in Rupees										
		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, 2017

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)	1,37,44,873.99	1,17,94,852.99
3. Sundry Creditors		
a) For Goods & Services (Sub Schedule 2)	23,91,729.50	15,09,578.50
b) Others	-	-
4. Deposit-Others (including EMD, Security Deposit) (Sub Schedule 3)	4,24,007.00	8,76,053.00
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS):		
a) Overdue	-	-
b) Others (Sub Schedule 4)	3,58,356.00	4,38,187.00
6. Other Current Liabilities (Sub Schedule 5)		
a) Salaries	38,89,370.00	41,54,309.00
b) Receipts against sponsored projects(Net) (as per Schedule 3a)	2,53,78,894.53	85,68,152.03
c) Receipts against sponsored fellowships & scholarships (Net) (as per Schedule 3b)	66,600.00	14,74,512.00
d) Unutilised Grants (as per Schedule 3c)	19,98,36,761.70	8,82,76,616.37
e) Grants in advance	-	-
f) Other funds (Sub Schedule 5)	18,60,214.00	19,19,176.00
g) Other liabilities (Sub Schedule 5)	1,41,66,520.00	76,29,373.90
Total (A)	26,21,17,326.72	12,66,40,810.79
B. PROVISIONS		
1. For Taxation	-	-
2. Gratuity	24,82,771.00	16,73,615.00
3. Superannuation Pension	-	-
4. Accumulated Leave Encashment	55,96,844.00	44,65,848.00
5. Trade Warranties/Claims	-	-
6. Others (Specify) (Sub Schedule 6)	77,625.00	41,220.00
Total (B)	81,57,240.00	61,80,683.00
Total (A+B)	27,02,74,566.72	13,28,21,493.79

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, 2017

SCHEDULE - 3(a) SPONSORED PROJECTS

1. Sr. No.	2. Name of the Project	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 - Dr. G.R.C. Reddy	12,47,595.53	-	-	17,903.00	12,65,498.53	10,31,540.00	2,33,958.53	-
2	Computational and Theoretical Studies on Parabolic Partial Differential Equations in Cancer Modelling sponsored by SERB - Dr. L. Shangerganesh	-	-	6,19,030.00	2,471.00	6,21,501.00	1,58,414.00	4,63,087.00	-
3	Design and implementation of an inverter for a grid connected Photovoltaic System which is a part of Virtual Power Plant sponsored by SERB - Dr. Sreeraj E. S.	-	-	20,73,820.00	29,003.00	21,02,823.00	-	21,02,823.00	-
4	Design & Development of a Photovoltaic - Thermoelectric Hybrid Energy System sponsored by SERB - Dr. Lalat Indu Giri	-	-	21,74,860.00	778.00	21,75,638.00	-	21,75,638.00	-
5	Design & Development of Roast Distributed Nonlinear Channel Equalization & Identification sponsored by SERB - Dr. Trilochan P.	-	-	12,91,620.00	6,053.00	12,97,673.00	-	12,97,673.00	-
6	Design of Compact Shaped Beam Antenna Array for Dedicated Short Range Communication Service sponsored by SERB - Dr. Anirban Chatterjee	-	-	25,08,443.00	-	25,08,443.00	-	25,08,443.00	-
7	Design, Simulation and Implementation of Bandpass Sigma Delta sponsored by SERB - Dr. Nithin Kumar Y.B.	22,65,030.00	-	-	83,210.00	23,48,240.00	4,83,888.00	18,64,352.00	-
8	Development of a Multipurpose Intelligent Controller for a Nano Grid Operation sponsored by MNRE - Dr. C. Vyjayanthi	-	-	17,00,000.00	-	17,00,000.00	-	17,00,000.00	-
9	Development Of Efficient Algorithms For Photoacoustic Tomography (Pat) sponsored by SERB - Dr. Raviprasad K. J.	14,71,333.00	-	-	52,143.00	15,23,476.00	1,09,660.00	14,13,816.00	-
10	Development of Secure Key Management Protocols for Group Communication Under Active Outsider Attack Model sponsored by SERB - Dr. Purushothama B. R.	-	-	5,76,060.00	10,308.00	5,86,368.00	2,69,750.00	3,16,618.00	-
11	Energy Efficient Lighting with Visible Light based Communication & Power Line Communication sponsored by DST - Dr. Ankit Dubey.	-	-	5,27,600.00	-	5,27,600.00	23,475.00	5,04,125.00	-
12	Enhanced Automation of 3-Axis CNC Milling Machine using Computer Vision and Artificial Intelligence sponsored by SERB - Dr. Pravati Swain	-	-	12,24,020.00	17,792.00	12,41,812.00	2,58,227.00	9,83,585.00	-
13	EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates sponsored by SERB - Dr. Velavan Kathirvelu	6,07,037.00	-	3,45,000.00	25,576.00	9,77,613.00	7,68,460.00	2,09,153.00	-
14	Improved PHY and MAC Strategies for M2M Communications in Smart Grid Over Wireless and PLC Heterogeneous Network sponsored by SERB - Dr. Ankit Dubey.	-	-	20,51,960.00	-	20,51,960.00	-	20,51,960.00	-
15	Monit Air: An IoT Based Air Pollution Monitoring System sponsored by SERB - Dr. S. Mini & Dr. Trilochan Panigrahi.	-	-	15,18,440.00	482.00	15,18,922.00	-	15,18,922.00	-
16	Secure and efficient communications inside partitioned social over lay networks sponsored by SERB - Dr. Keshavamurthy B. N.	-	-	9,90,000.00	-	9,90,000.00	-	9,90,000.00	-
17	Smart City Surveillance using Decentralized Multi Camera Network sponsored by SERB - Dr. Badrinarayan Subudhi	-	-	12,13,935.00	-	12,13,935.00	-	12,13,935.00	-
18	Special Manpower Development Program for Chips to System Design sponsored by Central Electronics Engineering Research Institute - Dr. Nithin Kumar	15,76,025.50	-	-	61,191.00	16,37,216.50	7,92,323.50	8,44,893.00	-
19	Suspended functional magnetic microparticle array based point-of-care diagnostic system for multiplexed bio-molecular sensing and diagnostic sponsored by SERB - Dr. Prasanth G.R.	-	-	25,87,500.00	35,407.00	26,22,907.00	6,00,824.00	20,22,083.00	-
20	Visvesvaraya Phd Scheme for Electronics and IT -1 sponsored by Media Lab Asia -Dr. Nithin Kumar Y.B.	5,08,544.00	-	8,02,413.00	17,026.00	13,27,983.00	11,37,645.00	1,90,338.00	-
21	Visvesvaraya Phd Scheme for Electronics and IT - 2 sponsored by Media Lab Asia -Dr. Nithin Kumar Y.B.	4,23,606.00	-	8,06,190.00	12,806.00	12,42,602.00	11,10,217.00	1,32,385.00	-
22	Grant for Conducting Workshop & Seminar Under PMMMNMTT Scheme sponsored by MHRD - Dr. Venkatanaresbhabu K.	4,68,981.00	-	3,00,000.00	9,963.00	7,78,944.00	3,72,252.00	4,06,692.00	-
23	Fund for Training Under "SMDP-C2SD"-sponsored by Central Electronics Engineering Research Institute - Dr. Nithin Kumar	-	-	3,00,000.00	2,061.00	3,02,061.00	67,646.00	2,34,415.00	-
	Total	85,68,152.03	-	2,36,10,891.00	3,84,173.00	3,25,63,216.03	71,84,321.50	2,53,78,894.53	-

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.



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SCHEDULE - 3(b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

Amount in Rupees

1. Sr. No.	2. Name of the Sponsor	Opening Balance as on 01.04.2016		Transactions during the year		Closing Balance as on 31.03.2017	
		3. Credit	4. Debit	5. Credit	6. Debit	7. Credit	8. Debit
1	Scholarship EDCIL (India) Ltd.	-	-	4,51,546.00	4,51,546.00	-	-
2	Scholarship from Ministry of Tribal Affairs	8,20,402.00	-	1,25,061.00	9,45,463.00	-	-
3	Scholarship from Ministry of Social Justice	6,54,110.00	-	21,27,604.00	27,15,114.00	66,600.00	-
4	Indo US Science & Technology Forum	-	-	33,892.00	33,892.00	-	-
5	Other Scholarships	-	-	-	-	-	-
	Total	14,74,512.00	-	27,38,103.00	41,46,015.00	66,600.00	-

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).



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

Particulars	Amount in Rupees	
	Current Year	Previous Year
A. Plan Grants : Government of India		
Balance B/F	8,82,76,616.37	4,06,65,784.30
Add: Receipts during the year	23,00,00,000.00	17,00,00,000.00
Add: Interest earned during the year	18,00,483.62	-
Total (a)	32,00,77,099.99	21,06,65,784.30
Less: Refunds	-	-
Less: Utilized for Revenue Expenditure	11,12,32,476.29	10,53,62,010.51
Less: Utilized for Capital Expenditure	90,07,862.00	1,70,27,157.42
Total (b)	12,02,40,338.29	12,23,89,167.93
Unutilized Carried Forward (a-b)	19,98,36,761.70	8,82,76,616.37
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)	19,98,36,761.70	8,82,76,616.37

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



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SCHEDULES 4 FIXED ASSETS

S.No.	Assets Heads	GROSS BLOCK					DEPRECIATION				NET BLOCK		
		Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/Adjustment	Total Depreciation	31.03.2017	31.03.2016		
1	Land	-	-	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-	-	-
7	Electrical installation and equipment	8,39,657.50	-	-	8,39,657.50	1,33,098.00	41,985.00	-	1,75,083.00	6,64,574.50	7,06,559.50		
8	Plant & Machinery	27,31,445.99	1,59,050.00	-	28,90,495.99	4,14,779.00	1,44,526.00	-	5,59,305.00	23,31,190.99	23,16,666.99		
9	Scientific & Laboratory Equipment	1,58,60,288.60	44,88,923.00	-	2,03,49,211.60	25,26,434.00	16,27,938.00	-	41,54,372.00	1,61,94,839.60	1,27,00,775.60		
10	Office Equipment	4,34,490.00	-	-	4,34,490.00	57,372.00	32,588.00	-	89,960.00	3,44,530.00	3,77,118.00		
11	Audio Visual Equipment	21,24,099.25	5,75,755.00	-	26,99,854.25	4,71,514.00	2,02,491.00	-	6,74,005.00	20,25,849.25	16,52,585.25		
12	Computers & Peripherals	2,30,67,022.74	36,81,846.00	21,78,435.00	2,45,70,433.74	1,29,21,121.00	45,31,781.27	21,78,435.00	1,52,74,467.27	92,95,966.47	1,00,47,021.74		
13	Furniture, Fixtures & Fittings	1,71,59,880.86	9,12,503.00	-	1,80,72,383.86	35,82,063.00	13,55,443.00	-	49,37,506.00	1,31,34,877.86	1,35,77,817.86		
14	Vehicles	14,11,478.00	4,54,446.00	-	18,65,924.00	2,82,296.00	1,86,593.00	-	4,68,889.00	13,97,035.00	11,29,182.00		
15	Library Books & Scientific Journals	41,42,526.51	1,23,939.00	-	42,66,465.51	13,17,027.00	4,26,648.00	-	17,43,675.00	25,22,790.51	28,25,499.51		
16	Small Value Assets	7,81,574.58	9,884.00	-	7,91,458.58	7,81,500.58	9,882.00	-	7,91,382.58	76.00	74.00		
	Total (A)	6,85,52,464.03	1,04,06,346.00	21,78,435.00	7,67,80,375.03	2,24,87,204.58	85,59,875.27	21,78,435.00	2,88,68,644.85	4,79,11,730.18	4,53,33,300.45		
17	Capital Work in Progress (B)	-	97,098.00	-	97,098.00	-	-	-	-	97,098.00	-		
	Total (A+B+C)	6,85,52,464.03	1,04,06,346.00	21,78,435.00	7,67,80,375.03	2,24,87,204.58	85,59,875.27	21,78,435.00	2,88,68,644.85	4,79,11,730.18	4,53,33,300.45		
Sr.No	Intangible Assets	Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/Adjustment	Total Amortizations/Adj	31.03.2017	31.03.2016		
19	E-Journals (perpetual)	-	8,25,154.00	-	8,25,154.00	-	3,30,062.00	-	3,30,062.00	4,95,092.00	-		
19	Computer software	1,38,44,114.00	-	-	1,38,44,114.00	1,04,79,663.00	28,56,508.00	-	1,33,36,171.00	5,07,943.00	33,64,451.00		
20	Patents & Copyrights	23,520.00	-	-	23,520.00	2,614.00	2,614.00	-	5,228.00	18,292.00	20,906.00		
	Total (C)	1,38,67,634.00	8,25,154.00	-	1,46,92,788.00	1,04,82,277.00	31,89,184.00	-	1,36,71,461.00	10,21,327.00	33,85,357.00		
	Grand Total (A+B+C)	8,24,20,098.03	1,13,28,598.00	21,78,435.00	9,15,70,261.03	3,29,69,481.58	1,17,49,059.27	21,78,435.00	4,25,40,105.85	4,90,30,155.18	4,87,18,657.45		

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.



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SCHEDULES 4 (a) FIXED ASSETS PLAN

S.No.	Assets Heads	GROSS BLOCK				DEPRECIATION				Amount in Rupees	
		Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/ Adjustment	Total Depreciation	31.03.2017	31.03.2016
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	8,39,657.50	-	-	8,39,657.50	1,33,098.00	41,985.00	-	1,75,083.00	6,64,574.50	7,06,559.50
8	Plant & Machinery	27,31,445.99	1,59,050.00	-	28,90,495.99	4,14,779.00	1,44,526.00	-	5,59,305.00	23,31,190.99	23,16,666.99
9	Scientific & Laboratory Equipment	1,51,72,159.60	30,03,987.00	-	1,81,76,146.60	24,71,384.00	14,54,093.00	-	39,25,477.00	1,42,50,669.60	1,27,00,775.60
10	Office Equipment	4,34,490.00	-	-	4,34,490.00	57,372.00	32,588.00	-	89,960.00	3,44,530.00	3,77,118.00
11	Audio Visual Equipment	21,24,099.25	5,75,755.00	-	26,99,854.25	4,71,514.00	2,02,491.00	-	6,74,005.00	20,25,849.25	16,52,585.25
12	Computers & Peripherals	2,29,43,422.74	28,46,046.00	21,78,435.00	2,36,11,033.74	1,28,96,401.00	43,39,901.27	21,78,435.00	1,50,57,867.27	85,53,166.47	1,00,47,021.74
13	Furniture, Fixtures & Fittings	1,71,59,880.86	9,12,503.00	-	1,80,72,383.86	35,82,063.00	13,55,443.00	-	49,37,506.00	1,31,34,877.86	1,35,77,817.86
14	Vehicles	14,11,478.00	4,54,446.00	-	18,65,924.00	2,82,296.00	1,86,593.00	-	4,68,889.00	13,97,035.00	11,29,182.00
15	Library Books & Scientific Journals	41,42,526.51	1,23,939.00	-	42,66,465.51	13,17,027.00	4,26,648.00	-	17,43,675.00	25,22,790.51	28,25,499.51
16	Small Value Assets	7,81,574.58	9,884.00	-	7,91,458.58	7,81,500.58	9,882.00	-	7,91,382.58	76.00	74.00
	Total (A)	6,77,40,735.03	80,85,610.00	21,78,435.00	7,36,47,910.03	2,24,07,434.58	81,94,150.27	21,78,435.00	2,84,23,149.85	4,52,24,760.18	4,53,33,300.45
17	Capital Work in Progress (B)	-	97,098.00	-	97,098.00	-	-	-	-	97,098.00	-
	Total (C)	6,77,40,735.03	80,85,610.00	21,78,435.00	7,36,47,910.03	2,24,07,434.58	81,94,150.27	21,78,435.00	2,84,23,149.85	4,52,24,760.18	4,53,33,300.45
	Grand Total (A+B+C)	8,16,08,369.03	90,07,862.00	21,78,435.00	8,84,37,796.03	3,28,89,711.58	1,13,83,334.27	21,78,435.00	4,20,94,610.85	4,63,43,185.18	4,87,18,657.45

Sr.No	Intangible Assets	Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization/ Adjustments	31.03.2017	31.03.2016
19	E-journals (perpetual)	-	8,25,154.00	-	8,25,154.00	-	3,30,062.00	-	3,30,062.00	4,95,092.00	-
19	Computer software	1,38,44,114.00	-	-	1,38,44,114.00	1,04,79,663.00	28,56,508.00	-	1,33,36,171.00	5,07,943.00	33,64,451.00
20	Patents & Copyrights	23,520.00	-	-	23,520.00	2,614.00	2,614.00	-	5,228.00	18,292.00	20,906.00
	Total (C)	1,38,67,634.00	8,25,154.00	-	1,46,92,788.00	1,04,82,277.00	31,89,184.00	-	1,36,71,461.00	10,21,327.00	33,85,357.00



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SCHEDULES 4 (b) FIXED ASSETS NON - PLAN

S.No.	Assets Heads	GROSS BLOCK				DEPRECIATION				Amount in Rupees NET BLOCK	
		Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/ Adjustment	Total Depreciation	31.03.2017	31.03.2016
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, Fictures & Fittings				-				-	-	-
14	Vehicles				-				-	-	-
15	Library Books & Scientific Journals				-				-	-	-
16	Small Value Assets				-				-	-	-
	Total (A)	-	-	-	-	-	-	-	-	-	-
17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-
Sr.No	Intangible Assets	Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization/A djustments	31.03.2017	31.03.2016
18	Computer software				-				-	-	-
19	Patents & Copyrights				-				-	-	-
	Total (C)	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B+C)	-	-	-	-	-	-	-	-	-	-



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SCHEDULE 4C - INTANGIBLE ASSETS

Sr.No	Assets Heads	Amount in Rupees									
		Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions/Adjustment	Total Amortization/Adjustments	31.03.2017	31.03.2016
1	Patents & Copyrights	23,520.00	-	-	23,520.00	2,614.00	2,614.00	-	5,228.00	18,292.00	20,906.00
2	Computer software	1,38,44,114.00	-	-	1,38,44,114.00	1,04,79,663.00	28,56,508.00	-	1,33,36,171.00	5,07,943.00	33,64,451.00



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

Particulars	Opening Balance as on 01.04.2016	Additions	Deductions	Gross	Depreciation/Amortization Opening Balance	Amortization for the year	Deductions/Adjustment	Total Amortization/Adjustments	Amount in Rupees	
									Net Block 31.03.2017	Net Block 31.03.2016
A. Patents Granted										
1 Balance as on 31.03.2017 of Patents obtained in 2008-09 (Original Value Rs..... /-)	-	-	-	-	-	-	-	-	-	-
2 Balance as on 31.03.2017 of Patents obtained in 2010-11 (Original Value Rs..... /-)	-	-	-	-	-	-	-	-	-	-
3 Balance as on 31.03.2017 of Patents obtained in 2012-13 (Original Value Rs..... /-)	-	-	-	-	-	-	-	-	-	-
4 Patents granted during the Current Year	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
B. Patents Pending in respect of Patents applied for										
1 Expenditure incurred during 2009-10 to 2014-15	23,520.00	-	-	-	-	-	-	-	-	-
2 Expenditure incurred during 2015-16	-	-	-	23,520.00	2,614.00	2,614.00	-	5,228.00	18,292.00	20,906.00
3 Expenditure incurred during 2016-17	-	-	-	-	-	-	-	-	-	-
Total	23,520.00	-	-	23,520.00	2,614.00	2,614.00	-	5,228.00	18,292.00	20,906.00
C. Grand Total (A+B)	23,520.00	-	-	23,520.00	2,614.00	2,614.00	-	5,228.00	18,292.00	20,906.00

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



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SCHEDULES 4D - FIXED ASSETS - OTHERS, SPONSORED PROJECTS ASSETS

S.No.	Assets Heads	GROSS BLOCK				DEPRECIATION				Amount in Rupees	
		Opening Balance as on 01.04.2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the Year	Deductions/ Adjustment	Total Depreciation	31.03.2017	31.03.2016
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	6,88,129.00	14,84,936.00	-	21,73,065.00	55,050.00	1,73,845.00	-	2,28,895.00	19,44,170.00	6,33,079.00
10	Office Equipment	-	-	-	-	-	-	-	-	-	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Pheripherals	1,23,600.00	8,35,800.00	-	9,59,400.00	24,720.00	1,91,880.00	-	2,16,600.00	7,42,800.00	98,880.00
13	Furniture, Fictures & Fittings	-	-	-	-	-	-	-	-	-	-
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Library Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	8,11,729.00	23,20,736.00	-	31,32,465.00	79,770.00	3,65,725.00	-	4,45,495.00	26,86,970.00	7,31,959.00
17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B)	8,11,729.00	23,20,736.00	-	31,32,465.00	79,770.00	3,65,725.00	-	4,45,495.00	26,86,970.00	7,31,959.00

Note: The Additions during the year include additions from

Gifted	-
Earmarked Funds	-
Sponsored Projects	23,20,736.00
Own Funds	90,07,862.00
Total	1,13,28,598.00



NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET AS AT 31ST, MARCH, 2017

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, 2017

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 Materail	-	-
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	-	3,18,997.00
-In Term Deposits Accounts	36,22,35,947.00	5,52,71,711.00
-In Savings Accounts	5,54,51,717.54	17,54,35,556.36
b) With Non - Scheduled Banks:		
-In Term Deposits Accounts	-	-
-In Savings Accounts	-	-
4. Post Office Savings Accounts		
	-	-
TOTAL	41,76,87,664.54	23,10,26,264.36

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	34,02,333.11	1,32,06,555.39
Corp. Bank Hostel A/c No.SB/1250	14,54,676.50	1,11,52,631.50
Corp. Bank Mis. A/c No.SB/01/1915	6,70,501.00	5,42,353.00
Corp. Bank -NITGOARC-SB/01/4333	2,43,101.00	-
Corp. Bank NIT Plan A/c No.SB/000653	1,73,24,092.35	14,18,25,158.44
Corp. Bank NIT Plan A/c No.SB/0/4363	7,01,666.00	-
Corp. Bank NIT Plan A/c No.SB/170001	50,04,111.05	-
Corporation Bank SB/01/003573	2,66,51,236.53	87,08,858.03
II. Current Account		
Corp. Bank Current A/c No.01/000001	-	3,18,997.00
III. Term Deposits with Schedule Banks		
Fixed Deposit No. KCC/01/150062 Agst Letter of Credit	-	5,73,895.00
Investment A/c. No. 150147 (CB)	-	2,70,68,874.00
Investment A/c. No. 150148 (CB)	-	2,76,28,942.00
Investment A/c. No. 160058 (CB)	6,24,253.00	-
Investment A/c. No. CLKCC/01/170001/DRSN/01	14,50,00,000.00	-
Investment A/c. No. CLKCC/01/170001/DRSN/02	5,02,00,000.00	-
Investment A/c. No. CLKCC/01/170001/DRSN/03	99,20,000.00	-
Investment A/c. No. CLKCC/01/170001/DRSN/04	6,00,00,000.00	-
Investment A/c. No. CLKCC/01/170001/DRSN/05	99,30,000.00	-
Investment A/c. No. KCC/01/160138	2,92,28,471.00	-
Investment A/c. No. KCC/01/160139	2,98,33,223.00	-
Investment A/c. No. KCC/01/170012	50,00,000.00	-
Investment A/c. No. KCC/01/170013	50,00,000.00	-
Investment A/c. No. KCC/01/170014	50,00,000.00	-
Investment A/c. No. KCC/01/170015	35,00,000.00	-
Investment A/c. No. KCC/01/170016	40,00,000.00	-
Investment A/c. No. KCC/01/170017	50,00,000.00	-
Total	41,76,87,664.54	23,10,26,264.36



NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF BALANCESHEET AS AT 31ST, MARCH, 2017

SCHEDULE 8 - LOANS, ADVANCES & DEPOSITS

	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	-		3,96,452.00	
b) to Suppliers	1,53,60,715.00		1,15,86,238.00	
c) Others (Sub Schedule 7)	50,000.00	1,54,10,715.00	-	1,19,82,690.00
4. Prepaid Expenses				
a) Insurance	-		-	
b) Other Expenses (Sub Schedule 7)	79,78,654.00	79,78,654.00	97,02,325.00	97,02,325.00
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)	35,11,466.40		22,06,561.04	
c) On Loans and Advances	-		-	
d) Others (Includes Income due unrealised Rs.....)	-	35,11,466.40	-	22,06,561.04
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	-		85,00,000.00	
d) Other receivables from UGC	-		-	85,00,000.00
8. Claims Receivable		29,316.37		10,000.00
TOTAL		2,70,05,151.77		3,24,76,576.04

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, 2017****SCHEDULE 9 - ACADEMIC RECEIPTS**

	Amount in Rupees	
	Current Year	Previous Year
FEES FROM STUDENTS		
Academic		
1. Tuition fee	2,81,95,114.54	2,52,06,675.89
2. Admission fee	15,750.00	8,250.00
3. Enrolment fee	-	-
4. Library Admission fee	-	-
5. Laboratory fee	-	-
6. Art & Craft fee	-	-
7. Registration fee	-	-
8. Syllabus fee	-	-
9. Other Fee	14,60,000.00	14,24,000.00
10. Application Fee	77,700.00	97,500.00
Total (A)	2,97,48,564.54	2,67,36,425.89
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	1,05,078.00	1,09,111.00
3. Medical fee	-	-
4. Transportation fee	-	-
5. Hostel fee	12,29,771.00	15,43,498.00
Total(C)	13,34,849.00	16,52,609.00
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	1,61,500.00	2,41,120.50
2. Registration fees (Academic Staff College)	-	-
Total (E)	1,61,500.00	2,41,120.50
GRAND TOTAL (A+B+C+D+E)	3,12,44,913.54	2,86,30,155.39

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, 2017

SCHEDULE 10- GRANTS /SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

Particulars	Plan			Non Plan UGC	Amount in Rupees		
	Govt. of India	UGC Specific Schemes			Total Plan	Current Year	Previous Year
		Plan	Plan				
Balance B/F	8,82,76,616.37	-	-	-	8,82,76,616.37	4,06,65,784.30	
Add: Receipts during the year	23,00,00,000.00	-	-	-	23,00,00,000.00	17,00,00,000.00	
Add: Interest earned during the year	18,00,483.62	-	-	-	18,00,483.62	-	
Total	32,00,77,099.99	-	-	-	32,00,77,099.99	21,06,65,784.30	
Less: Refund to UGC	-	-	-	-	-	-	
Balance	32,00,77,099.99	-	-	-	32,00,77,099.99	21,06,65,784.30	
Less: Utilised for Capital expenditure (A)	90,07,862.00	-	-	-	90,07,862.00	1,70,27,157.42	
Balance	31,10,69,237.99	-	-	-	31,10,69,237.99	19,36,38,626.88	
Less: Utilized for Revenue Expenditure (B)	11,12,32,476.29	-	-	-	11,12,32,476.29	10,53,62,010.51	
Balance C/F (C)	19,98,36,761.70	-	-	-	19,98,36,761.70	8,82,76,616.37	

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, 2017

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	-	-	39,72,768.79	45,98,297.84
3. Income accrued but not due on Term Deposits/Interest bearing advances to employees	-	-	-	-
4. Interest on Savings Bank Accounts	-	-	-	-
5. Others (Specify)	-	-	-	-
TOTAL	-	-	39,72,768.79	45,98,297.84
Transferred to Earmarked/Endowment Funds	-	-	-	-
Balance	-	-	39,72,768.79	45,98,297.84

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	61,95,473.00	46,10,241.00
2. On Loans		
a. Employee/Staff	-	-
b. Others	-	-
3. Interest on Debtors and Other Receivables	-	-
TOTAL	61,95,473.00	46,10,241.00

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, 2017

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		84,000.00	
4. Electricity charges recovered	-		-	
5. Water charges recovered	-	84,000.00	-	84,000.00
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	18,94,900.00		7,62,900.00	
Less: Direct expenditure incurred on Workshops, Short Term courses, etc	14,49,910.00	4,44,990.00	7,49,418.00	13,482.00
D. Others				
1. Income from consultancy	-		-	
2. RTI fees	754.00		602.00	
3. Income from Royalty	-		-	
4. Sale of application form (recruitment)	-		-	
5. Misc. receipts (Sale of tender form, waste paper, etc.)	2,070.00		-	
6. Profit on Sale/disposal of Assets				
a. Owned assets	60,000.00		-	
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)	14,850.65	77,674.65	12,471.00	13,073.00
Total		6,06,664.65	12,471.00	1,10,555.00

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, 2017

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	4,94,89,070.00	-	4,94,89,070.00	4,40,49,598.00	-	4,40,49,598.00
b) Allowances and Bonus	7,36,670.00	-	7,36,670.00	6,01,186.10	-	6,01,186.10
c) Contribution to Provident Fund	-	-	-	-	-	-
d) Contribution to Other Fund	-	-	-	-	-	-
e) Staff Welfare Expenses	2,73,071.23	-	2,73,071.23	2,69,863.00	-	2,69,863.00
d) Retirement and Terminal Benefits	60,39,375.00	-	60,39,375.00	95,82,602.00	-	95,82,602.00
g) LTC facility	10,98,328.00	-	10,98,328.00	7,37,705.60	-	7,37,705.60
h) Medical facility	4,12,403.07	-	4,12,403.07	1,67,581.84	-	1,67,581.84
i) Children Education Allowance	2,94,870.00	-	2,94,870.00	3,20,887.00	-	3,20,887.00
j) Honorarium	-	-	-	-	-	-
l) Others (Lien contribution)	1,67,806.00	-	1,67,806.00	3,06,000.00	-	3,06,000.00
TOTAL	5,85,11,593.30	-	5,85,11,593.30	5,60,35,423.54	-	5,60,35,423.54

SCHEDULE 15 A- EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

Amount in Rupees

Particulars	Pension	Gratuity	Leave Encashment	Total
Opening Balance as on 01.04.2016	-	16,73,615.00	44,65,848.00	61,39,463.00
Addition : Capitalized value of Contributions Received from other Organizations	-	-	-	-
Total (a)	-	16,73,615.00	44,65,848.00	61,39,463.00
Less: Actual Payment during the Year (b)	-	-	99,660.00	99,660.00
Balance Available on 31.03.2017 c (a-b)	-	16,73,615.00	43,66,188.00	60,39,803.00
Provision required on 31.03.2017 as per Actuarial Valuation (d)	-	24,82,771.00	55,96,844.00	80,79,615.00
A. Provision to be made in the Current year (d - c)	-	8,09,156.00	12,30,656.00	20,39,812.00
B. Contribution to New Pension Scheme				39,99,563.00
C. Medical Reimbursement to Retired Employees				-
D. Travel to Hometown on Retirement				-
E. Deposit Linked Insurance Payment				-
Total (A+B+C+D+E)				60,39,375.00

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 31.3.2017.



NATIONAL INSTITUTE OF TECHNOLOGY GOA

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2017

SCHEDULE 16- ACADEMIC EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Laboratory expenses	2,26,041.00	-	2,26,041.00	2,37,066.50	-	2,37,066.50
b) Field work/Participation in Conferences	41,862.00	-	41,862.00	1,53,947.56	-	1,53,947.56
c) Expenses on Seminars/Workshops	-	-	-	-	-	-
d) Payment to visiting faculty	5,24,300.00	-	5,24,300.00	7,93,500.00	-	7,93,500.00
e) Examination	1,900.00	-	1,900.00	-	-	-
f) Student Welfare expenses	74,923.00	-	74,923.00	4,531.00	-	4,531.00
g) Admission expenses	13,209.00	-	13,209.00	19,922.50	-	19,922.50
h) Convocation expenses	16,23,206.00	-	16,23,206.00	19,66,317.05	-	19,66,317.05
i) Publications	-	-	-	-	-	-
j) Stipend/means-cum-merit scholarship	1,88,33,520.00	-	1,88,33,520.00	1,46,65,696.00	-	1,46,65,696.00
k) Subscription Expenses	92,16,691.00	-	92,16,691.00	1,29,81,713.00	-	1,29,81,713.00
l) Others (specify)	-	-	-	-	-	-
TOTAL	3,05,55,652.00	-	3,05,55,652.00	3,08,22,693.61	-	3,08,22,693.61

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	7,83,886.00	-	7,83,886.00	6,90,405.00	-	6,90,405.00
b) Water charges	1,77,521.00	-	1,77,521.00	67,689.00	-	67,689.00
c) Insurance	-	-	-	-	-	-
d) Rent, Rates and Taxes (including property tax)	3,92,278.00	-	3,92,278.00	3,98,847.00	-	3,98,847.00
B. Communication						
e) Postage and Stationery	24,283.00	-	24,283.00	33,448.00	-	33,448.00
f) Telephone, Fax and Internet Charges	19,35,537.30	-	19,35,537.30	19,17,970.00	-	19,17,970.00
C. Others						
g) Printing and Stationery (consumption)	7,79,285.00	-	7,79,285.00	7,96,357.80	-	7,96,357.80
h) Travelling and Conveyance Expenses	12,43,314.00	-	12,43,314.00	23,17,998.54	-	23,17,998.54
i) Hospitality	18,35,225.50	-	18,35,225.50	10,14,998.67	-	10,14,998.67
j) Auditors Remuneration	2,43,230.00	-	2,43,230.00	1,37,100.00	-	1,37,100.00
k) Professional Charges	11,750.00	-	11,750.00	-	-	-
l) Advertisement and Publicity	12,89,331.00	-	12,89,331.00	16,20,353.00	-	16,20,353.00
m) Magazines & Journals	14,465.00	-	14,465.00	19,042.00	-	19,042.00
n) Staff Recruitment/Training Expenses	-	-	-	-	-	-
o) Medical Expenses	1,94,271.00	-	1,94,271.00	80,203.00	-	80,203.00
p) Seed Money / PDA Expenses	17,33,744.00	-	17,33,744.00	15,98,454.60	-	15,98,454.60
q) Security Expenses	47,96,113.00	-	47,96,113.00	40,15,834.16	-	40,15,834.16
r) Membership	61,342.00	-	61,342.00	1,13,275.00	-	1,13,275.00
s) Foreign Exchange Loss	80,233.45	-	80,233.45	-	-	-
t) Labour & Processing Charges	-	-	-	-	-	-
u) Miscellaneous Expenses	1,31,376.50	-	1,31,376.50	37,398.50	-	37,398.50
TOTAL	1,57,27,185.75	-	1,57,27,185.75	1,48,59,374.27	-	1,48,59,374.27

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	3,42,189.24	-	3,42,189.24	3,57,948.56	-	3,57,948.56
b) Repairs & maintenance	-	-	-	-	-	-
c) Insurance expenses	-	-	-	-	-	-
2 Vehicles taken on rent/lease						
a) Rent/lease expenses	4,32,000.00	-	4,32,000.00	5,04,000.00	-	5,04,000.00
3 Vehicle (Taxi) hiring expenses						
TOTAL	7,74,189.24	-	7,74,189.24	8,61,948.56	-	8,61,948.56



NATIONAL INSTITUTE OF TECHNOLOGY GOA

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2017

SCHEDULE 19- REPAIRS & MAINTENANCE

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Buildings	9,95,350.00	-	9,95,350.00	4,24,251.75	-	4,24,251.75
b) Furniture & Fixtures	-	-	-	-	-	-
c) Plant & Machinery	-	-	-	-	-	-
d) Office Equipment	3,37,876.00	-	3,37,876.00	-	-	-
e) Computers (including Software)	21,36,817.00	-	21,36,817.00	6,48,578.00	-	6,48,578.00
f) Laboratory & Scientific equipment	-	-	-	-	-	-
g) Audio Visual equipment	-	-	-	-	-	-
h) Cleaning Material & Services	16,58,945.00	-	16,58,945.00	14,21,644.78	-	14,21,644.78
i) Book binding charges	-	-	-	-	-	-
j) Gardening	-	-	-	-	-	-
k) Estate Maintenance	-	-	-	-	-	-
l) Others (Specify)	3,58,789.00	-	3,58,789.00	-	-	-
Total	54,87,777.00	-	54,87,777.00	24,94,474.53	-	24,94,474.53

SCHEDULE 20- FINANCE COSTS

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Bank charges	34,310.00	-	34,310.00	25,883.00	-	25,883.00
b) Others (specify)	-	-	-	-	-	-
Total	34,310.00	-	34,310.00	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	1,41,769.00	-	1,41,769.00	2,62,213.00	-	2,62,213.00
4 Transportation expenses	-	-	-	-	-	-
5 Repairs & Maintenance	-	-	-	-	-	-
6 Other expenses (Consumables W/off)	-	-	-	-	-	-
Total	1,41,769.00	-	1,41,769.00	2,62,213.00	-	2,62,213.00



NATIONAL INSTITUTE OF TECHNOLOGY GOA
SCHEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDED 31ST, MARCH, 2017

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 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 that are acquired out of Government grants, 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. Equal amount is credited to Deferred Income under I&E account by transfer from Corpus / Capital Fund.

3.3 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 Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets.

3.4 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates:

Tangible Assets:

1. Land	0%
2. Site Development	0%
3. Buildings	2%
4. Roads & Bridges	2%
5. Tubewells & Water Supply	2%
6. Sewerage & Drainage	2%
7. Electrical Installation and equipment	5%
8. Plant & Machinery	5%
9. Scientific & Laboratory Equipment	8%
10. Office Equipment	7.5%
11. Audio Visual Equipment	7.5%
12. Computers & Pheripherals	20%
13. Furniture, Fixtures & Fittings	7.5%
14. Vehicles	10%
15. Library Books & Scientific Journals	10%

Intangible Assets (amortization):

1. E-journals (perpetual)	40%
2. Computer software	40%
3. Patents & Copyrights	9 Years

3.5 Depreciation is provided for the whole year on additions/sale/buyback during the year.



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 Assets, the individual value of each of which is Rs. 2000 or less (except Library Books) are treated as Small Value Assets, 100% depreciation is provided in respect of such assets at the time of their acquisition. However physical accounting and control are continued by the holders of such assets.

4) Intangible Assets: Patents and copy rights, E Journals and Computer Software 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 written off over a life of 9 years on a conservative basis.

4.2. Perpetual 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. Perpetual E-journals are not in a tangible form, but temporarily capitalized and in view of the magnitude of expenditure and the benefit derived in terms of perpetual knowledge acquired by the Academic and Research Staff; Depreciation is provided in respect of Perpetual E-journals at a higher rate of 40% as against depreciation of 10% provided in respect of Library Books. Expenditure other than Perpetual E-journals are not perpetual in nature and hence expenditure 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 separated from computers and peripherals, as apart from being intangible assets, the rate of obsolescence in respect of these is very high. Depreciation is provided in respect of software at a higher rate of 40% as against depreciation of 20% provided in respect of Computers & Peripherals.

5) INVENTORY

NIT GOA is located in transit campus till date and since there is space constraint, stores and spares are purchased to the extent required. 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 to the extent of Fixed Assets purchased from Plan Grants from MHRD, Recognition/Affiliation fee received from Colleges and other academic institutions, Institution's share of Consultancy fees, Projects overheads and contributions from Research Projects are treated as additions to Corpus/Capital 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. 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.

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.

9.6 Utilisation of Grants is as below:

Particulars	General Head -			Total
	31	Capital Head -35	Salaries Head -36	
Opening Balance as on 01.04.2016	(6,02,849.19)	17,90,51,734.15	(9,01,72,268.59)	8,82,76,616.37
Add: Grant Received during the year	2,76,00,000.00	-	20,24,00,000.00	23,00,00,000.00
Add: Interest earned during the year	27,007.00	17,42,865.62	30,611.00	18,00,483.62
Less: Expenditure during the year	5,27,20,882.99	90,07,862.00	5,85,11,593.30	12,02,40,338.29
Closing Balance as on 31.03.2017	(2,56,96,725.18)	17,17,86,737.77	5,37,46,749.11	19,98,36,761.70

Note 1 : The expenses incurred over and above the Grant Head (General -31) are incurred from the Internally generated revenue of the Institute. However the excess expenditure is disclosed as negative under General Head - 31 so as to be considered by MHRD while sanctioning of future grants.

Note 2: Reconciliation of Balance of Grants as per Accounts and Utilization Certificates

Balance of Grants as per Accounts as on 31.03.2017	19,98,36,761.70
Less: Advances to Suppliers as per Rule 238(4) of GFR 2017	2,33,89,369.00
Balance of Grants as per Utilization Certificates as on 31.03.2017	17,64,47,392.70

Note 3: The Balance of Grants of Rs.17,64,47,392.70/- as on 31.03.2017 is parked/represented in Fixed Deposits as below :

KCC/01/160138	2,92,28,471.00
CLKCC/01/170001 -DRSN (1)	14,50,00,000.00
Principal as on 31.03.2017	17,42,28,471.00
Add: Accrued Interest on above	18,00,483.62
Balance as on 31.03.2017	17,60,28,954.62

9.7 Interest earned on Plan Grants is allocated in Utilization Certificates between different heads of grants having positive balance arrived on the basis of average of opening and closing balance of respective heads before adding of interest. Interest during the year shown in Utilization Certificate includes interest of earlier years not shown in earlier Utilization Certificates as earlier format of Utilization Certificates did not contain provision to do so as per GFR 2005.Hence the earlier period interest i.e. Rs.1,46,57,818.56/- is included as interest in current year and will be refunded once the accounts are finalized as per GFR Rule 230(8) of GFR 2017.

9.8 As per Rule 238(4) of GFR the advances given to Suppliers has been shown as amount spent under expenditure head of Utilization Certificate as there is cash outflow.

9.9 Unutilized grants (including advances paid out of such grants) are carried forward and exhibited as a liability in the Balance Sheet.

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.
- g) A project on "Computational and Theoretical Studies on Parabolic Partial Differential Equations in Cancer Modelling" sponsored by Science Engineering Research Board.
- h) A project on "Design and implementation of an inverter for a grid connected Photovoltaic System which is a part of Virtual Power Plant" sponsored by Science Engineering Research Board.
- i) A project on "Design & Development of a Photovoltaic -Thermoelectric Hybrid Energy System" sponsored by Science Engineering Research Board.
- j) A project on "Design & Development of Roast Distributed Nonlinear Channel Equalization & Identification sponsored by Science Engineering Research Board.
- k) A project on "Design of Compact Shaped Beam Antenna Array for Dedicated Short Range Communication Service" sponsored by Science Engineering Research Board.
- l) A project on "Development of Secure Key Management Protocols for Group Communication Under Active Outsider Attack Model" sponsored by Science Engineering Research Board.
- m) A project on "Development of a Multipurpose Intelligent Controller for a Nano Grid Operation" sponsored by Ministry of New and Renewable Energy.
- n) A project on "Energy Efficient Lighting with Visible Light based Communication & Power Line Communication" sponsored by Department of Science and Technology.
- o) A project on "Enhanced Automation of 3-Axis CNC Milling Machine using Computer Vision and Artificial Intelligence" sponsored by Science Engineering Research Board.
- p) A project on "Improved PHY and MAC Strategies for M2M Communications in Smart Grid Over Wireless and PLC Heterogeneous Network" sponsored by Science Engineering Research Board.
- q) A project on "Monit Air: An IoT Based Air Pollution Monitoring System" sponsored by Science Engineering Research Board.
- r) A project on "Secure and efficient communications inside partitioned social overlay networks" sponsored by Science Engineering Research Board.
- s) A project on "Smart City Surveillance using Decentralized Multi Camera Network" sponsored by Science Engineering Research Board.
- t) A project on "Suspended functional magnetic microparticle array based point-of-care diagnostic system for multiplexed biomolecular sensing and diagnostic" sponsored by Science Engineering Research Board.

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

10.5 The Overhead Charges from the Projects are distributed as per policy approved in the Board meeting held on 25/04/2017 as below :

a) Institute Corpus Fund	40%
b) Faculty and Staff Development	30%
c) Professional Development Fund	30%
TOTAL	100%

The share of Institute Corpus Fund is shown as additions in Schedule 1 -Corpus/Capital Fund.The Faculty and Staff Development Fund & Professional Development Fund is disclosed separately in Schedule 2 - Designated/ Earmarked / Endowment Funds



NATIONAL INSTITUTE OF TECHNOLOGY GOA**SCHEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDED 31ST, MARCH, 2017****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 - Rs. NIL)

-Bills discounted with banks - Rs. NIL (Previous Year - NIL)

1.3 Disputed demands in respect of :

- Income Tax - Rs. NIL (Previous year - Rs. NIL)

- Sales - tax - Rs. NIL (Previous year - Rs. NIL)

- Municipal Taxes - Rs. NIL (Previous year - Rs. NIL)

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

2) CAPITAL COMMITMENTS

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

3) 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. The expenditure incurred at NIT Goa in transit campus is treated as expenditure and not capitalised as the ownership of campus is not with NIT Goa. The institute as on 31.03.2017 has incurred following amounts in terms of advances and expenditure :

Sr. No.	Nature of Work	Amount(Rs.)
1	Renovation and conversion of Type III quarter to dispensary and sports room	19,42,501.00
2	Repairing structural retrofitting and upgradation of Hostel Bldg. of ITI for NIT at Farmagudi, Goa	1,95,03,330.00
3	Horticulture Work for Hostel Bldg, ITI, NIT Goa	2,82,000.00
4	Providing service connection, compound Lighting, water supply pumps and DLP bus bar trunking and split AC units in computer lab and water cooler for hostel building of ITI	11,44,500.00
5	Providing & Fixing Sun Control Frim to Class Room	4,00,000.00
6	Providing Split AC units in Conference hall and additional computer Lab at Hostel Bldg. of ITI for NIT	1,58,550.00
7	Construction of Canteen at Backside of newly constructed classrooms, interior works in lab, development of porch, corridor area in academic block and construction of toe/planter wall, filling good earth, construction of two wheeler parking, water proofing for NIT Goa	47,73,718.00
8	Construction of Temporary Shed for Workshop and Drawing Class for NIT Goa	30,50,640.00
9	Aluminium Partition Work in room No.N9 for sharing room between T&P & Exam-cell for NIT Goa	2,59,000.00
10	Miscellaneous repair and maintenance works in temporary campus of NIT Goa	6,21,262.00
11	Providing sun control film on windows and minor repair in temporary campus of NIT Goa	1,81,087.00
12	Repairs to kitchen cum dining hall for NIT Goa Hostel Mess in GEC Campus	3,19,734.00
13	Repairs & Painting Work of Hostels of NIT Goa in GEC Campus	26,52,394.00
14	LT Connection from ITI transformer to NIT	7,00,000.00



15	Providing additional Power Outlets for Computers in electronics lab	1,00,000.00
16	Construction of 14 No. Classrooms -Civil	3,39,10,000.00
17	Miscellaneous Electrical Works for additional Lab & Office Building	10,50,000.00
18	Providing & Fixing Alluminium Partition in Lecture Hall 1A , 2D & 2B	4,97,542.00
19	Repair of D5 quarter at NIT Goa	4,97,808.00
Grand Total		7,20,44,066.00

3.1 Additions in the year to Fixed Assets in Schedule 4 include Assets purchased out of Plan Funds (Rs. 90,07,862/-, Non-Plan Funds (Rs. NIL), Sponsored Projects (Rs .23,20,736/-) and Library Books and other assets of the value of(Rs .NIL) gifted to the Institution.

3.2 The method of depreciation has been changed from Written down Value method to Straight Line Method during the year and assets are classified as per New Format of Accounts issued by MHRD. Accordingly the excess depreciation charged during the earlier years to the extent of Rs.86,46,648.42/- on Fixed Assets purchased from Plan Grants and short depreciation charged of Rs.2,615/- on Sponsored Projects Fixed Assets is written back/off respectively in accounts during the F.Y-2016-17. As per accounting policy 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 excess/short depreciation(net) of earlier years of Rs.86,44,033.42/- is shown as other additions in Schedule 1 -Corpus/Capital Fund and not an expenditure or charge on the income for the current year in the Income & Expenditure A/c.

	Plan Assets	Projects	Total
Depreciation as per earlier method (WDV) from 01.04.2010 to 31.03.2016	4,15,36,360.00	77,155.00	4,16,13,515.00
Depreciation as per new method (SLM) from 01.04.2010 to 31.03.2016	3,28,89,711.58	79,770.00	3,29,69,481.58
Excess / (Short) depreciation written back	86,46,648.42	(2,615.00)	86,44,033.42

3.3 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 01.04.2016	Additions during the year	Total (Rs.)	Notional Depreciation Opening Balance	Notional Depreciation for the year (Rs.)	Total Notional Depreciation	Total Book Value as on 31.03.2017
Laboratory Equipment	-	-	-	-	-	-	-
Computers	-	-	-	-	-	-	-
Office equipment	-	-	-	-	-	-	-
Furniture, Fixtures & Fittings	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

3.4 The Fixed assets purchased during the year were physically verified by the Management in the presence of Internal Auditors. At the time of Physical verification the following asset purchased during the year was missing and could not be physically verified.

Sr No	Particulars	Qty	TAG
1	Apple Mac book Air (Laptop with carry case)	1	NITG/ADM/COMPUTERS/16-17/LAPTOP/41

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

(Amount)

	Current Year	Previous Year
5.1 Value of Imports calculated on C.I.F. basis:		
- Purchase of finished Goods	NIL	NIL
- Raw Materials & Components (Including in transit)	NIL	NIL
- Capital 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. 78,04,114/-	Rs. 72,44,233/-
- License Fee for Software/Web Edition	NIL	NIL
- Miscellaneous Expenses	NIL	NIL
5.3 Earnings:		
- Value of Exports on FOB basis	NIL	NIL
5.4 Remunerations to auditors:		
As Auditors:		
- Taxation matters	NIL	NIL
- For Management Services	NIL	NIL
- For Certification	70,730/-	NIL
Others (Internal Audit)	1,72,500/-	1,37,100/-

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 31.03.2017. 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 2016-17 have been attached, to the Institution's Accounts. All subscriptions during the year 2016-17 to the New Pension Scheme funds (Rs.72.94 Lakhs) in respect of 69 employees who have been allotted PRA numbers has been transferred upto 31.03.2017 to National Securities Depository Limited (NSDL) - Central Record keeping Agency (CRA). The balance held in New Pension Scheme for the month of March-17 in the Institution in respect of about 68 members will be transferred in April 2017.

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.

10) 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.

11) Additional Information for Stakeholders :

i) Details of No. of Students

Sr. no.	Stream	I year	IIInd Year	IIIrd Year	IVth Year	Total (2016-17)	2015-16
1	B Tech	69	74	85	64	292	309
2	B.Tech DASA	9	3	2	3	17	11
3	M.Tech	44	47	-	-	91	93
4	Ph. D	19	9	4	-	32	13
5	Ph. D (Visvesvaraya)	0	2	2	-	4	4
	Total	141	135	93	67	436	430



ii) No. of Professors (including Contract Faculty)

Sr. no.	Stream	2016-17	2015-16
1	CSE	9	9
2	H&S	7	7
3	ECE	13	13
4	EEE	9	7
	Total	38	36

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

iv) Collection for Sports activities and expenditure thereof

Sr. no.	Particulars	Amount (Rs.)
1	Collection for Sports Activities	
a	Sponsorship	-
	Total Collection towards Sports Activities	-
2	Expenditure for Sport Activities	
a	Expenses for participating in All India NIT competition at NIT Rourkela from 27.01.2017 to 30.01.2017	91,924.00
b	Expenses for participating in Badminton competition at NIT Tiruchirappali from 24.03.2017 to 26.03.2017	22,090.00
c	Expenses for participating in Athletics competition at NIT KruKshetra from 06.03.2017 to 08.03.2017	50,953.00
d	Expenses for participating in volleyball competition at NIT Surathkal from 17.03.2017 to 19.03.2017	30,050.00
e	Expenses towards annual RAAG Event 2017 from 27.01.2017 to 29.01.2017	4,48,743.00
	Total Expenditure towards Sports Activities	6,43,760.00

v) Collection for co-curricular activities and expenditure thereof

Sr. no.	Particulars	Amount (Rs.)
1	Collection for Co-curricular activities	
a	Sponsorship for RAAG Event 2017	3,48,743.00
	Total Collection towards Co-curricular activities	3,48,743.00
2	Expenditure for Co-curricular activities	
a	Expenses towards annual RAAG Event 2017 from 27.01.2017 to 29.01.2017	4,48,743.00
b	Expenses towards inaugural function of SPIC MCAY held by GEC	6,040.00
c	Expenses towards Vigilance Awareness Week-2016	3,957.00
d	Expenses towards 1st Mini Marathon Race Freedom Run 2017	19,197.00
	Total Expenditure towards Co-curricular activities	4,77,937.00

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-16	2,98,994.00	04-04-2016	07-04-2016
2	Salaries	Apr-16	2,97,449.00	29-04-2016	07-05-2016
3	Non-Residents	Apr-16	11,179.00	29-04-2016	07-05-2016
4	New Pension Contribution	Apr-16	6,62,866.00	29-04-2016	25-05-2016
5	Contract	May-16	15,996.00	31-05-2016	07-06-2016
6	Salaries	May-16	3,17,265.00	31-05-2016	07-06-2016
7	Non-Residents	May-16	11,179.00	31-05-2016	07-06-2016
8	Contract	May-16	16,662.00	31-05-2016	07-06-2016
9	New Pension Contribution	May-16	6,15,788.00	31-05-2016	25-06-2016
10	Salaries	Jun-16	3,31,291.00	04-07-2016	07-07-2016
11	Non-Residents	Jun-16	11,179.00	04-07-2016	07-07-2016



12	Contract	Jun-16	42,779.00	04-07-2016	07-07-2016
13	New Pension Contribution	Jun-16	6,15,788.00	30-06-2016	25-07-2016
14	Salaries	Jul-16	3,21,224.00	02-08-2016	07-08-2016
15	Non-Residents	Jul-16	11,179.00	02-08-2016	07-08-2016
16	Non-Residents	Jul-16	60,705.00	02-08-2016	07-08-2016
17	Contract	Jul-16	11,260.00	03-08-2016	07-08-2016
18	New Pension Contribution	Jul-16	6,22,202.00	30-07-2016	25-08-2016
19	Salaries	Aug-16	3,16,646.00	31-08-2016	07-09-2016
20	Non-Residents	Aug-16	11,179.00	31-08-2016	07-09-2016
21	Contract	Aug-16	1,800.00	31-08-2016	07-09-2016
22	Contract	Aug-16	21,259.00	31-08-2016	07-09-2016
23	Contract	Aug-16	3,347.00	31-08-2016	07-09-2016
24	New Pension Contribution	Aug-16	6,19,050.00	31-08-2016	25-09-2016
25	Salaries	Sep-16	3,10,713.00	30-09-2016	07-10-2016
26	Non-Residents	Sep-16	11,179.00	30-09-2016	07-10-2016
27	Contract	Sep-16	22,773.00	30-09-2016	07-10-2016
28	Contract	Sep-16	15,770.00	30-09-2016	07-10-2016
29	New Pension Contribution	Sep-16	7,37,878.00	30-09-2016	25-10-2016
30	Salaries	Oct-16	3,10,713.00	31-10-2016	07-11-2016
31	Non-Residents	Oct-16	11,179.00	31-10-2016	07-11-2016
32	Contract	Oct-16	27,797.00	31-10-2016	07-11-2016
33	Contract	Oct-16	14,955.00	31-10-2016	07-11-2016
34	New Pension Contribution	Oct-16	6,42,578.00	31-10-2016	25-11-2016
35	Salaries	Nov-16	2,55,128.00	30-11-2016	07-12-2016
36	Non-Residents	Nov-16	11,179.00	30-11-2016	07-12-2016
37	Contract	Nov-16	9,555.00	30-11-2016	07-12-2016
38	Professional	Nov-16	2,875.00	30-11-2016	07-12-2016
39	Contract	Nov-16	14,088.00	30-11-2016	07-12-2016
40	New Pension Contribution	Nov-16	7,82,762.00	30-11-2016	25-12-2016
41	Salaries	Dec-16	2,55,128.00	02-01-2017	07-01-2017
42	Contract	Dec-16	12,030.00	02-01-2017	07-01-2017
43	Contract	Dec-16	17,706.00	02-01-2017	07-01-2017
44	Professional	Dec-16	21,275.00	02-01-2017	07-01-2017
45	New Pension Contribution	Dec-16	6,74,702.00	31-12-2016	25-01-2017
46	Salaries	Jan-17	3,23,627.00	31-01-2017	07-02-2017
47	Contract	Jan-17	7,347.00	31-01-2017	07-02-2017
48	Rent	Jan-17	5,000.00	31-01-2017	07-02-2017
49	New Pension Contribution	Jan-17	6,74,702.00	31-01-2017	25-02-2017
50	Salaries	Feb-17	3,40,404.00	27-02-2017	07-03-2017
51	Contract	Feb-17	15,553.00	27-02-2017	07-03-2017
52	Non-Residents	Feb-17	4,71,718.00	27-02-2017	07-03-2017
53	Rent	Feb-17	2,500.00	27-02-2017	07-03-2017
54	Professional	Feb-17	8,625.00	27-02-2017	07-03-2017
55	Contract	Feb-17	25,405.00	27-02-2017	07-03-2017
56	New Pension Contribution	Feb-17	6,74,702.00	27-02-2017	25-03-2017
57	Contract	Mar-17	32,122.00	03-04-2017	07-04-2017
58	Professional	Mar-17	1,11,634.00	03-04-2017	07-04-2017
59	Rent	Mar-17	2,500.00	03-04-2017	07-04-2017
60	Non-Residents	Mar-17	65,560.00	03-04-2017	07-04-2017
61	Salaries	Mar-17	2,01,000.00	03-04-2017	07-04-2017
62	Contract	Mar-17	13,065.00	03-04-2017	07-04-2017
63	New Pension Contribution	Mar-17	6,70,656.00	03-04-2017	25-04-2017

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)

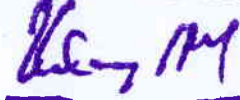


7	Dr. Sarani Ghosal Mondal	1130015	N0017	15600-39100 (PB-3)
8	Dr. Veena Thenkanidiyoor	1130016	N0018	15600-39100 (PB-3)
9	Dr. Lalit Kumar Jiواني	1130021	N0022	37400-67000 (PB-4)
10	Dr. Purushothama B.R.	1130022	N0023	15600-39100 (PB-3)
11	Dr. Ragoju Ravi	1130024	N0025	15600-39100 (PB-3)
12	Dr. Vasantha 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. L. Shangerganesh	1160083	N0082	15600-39100(PB-3)
34	Dr. Pragati Patel	1160085	N0084	15600-39100(PB-3)
35	Dr. E . Mallikarjun	1160086	N0085	15600-39100(PB-3)
36	Dr. Sunil Kumar A.	1160087	N0086	15600-39100(PB-3)

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

13) Schedules 1 to 24 are annexed to and form an integral part of the Balance Sheet as at March 31, 2017 and the Income and Expenditure for the year ended on that date.

FOR AND ON BEHALF OF THE BOARD



DIRECTOR

National Institute of Technology Goa
Farmagudi, Ponda
Goa: 403 401

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: 20-05-2017

SUB SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31,2017

(Amount – Rs.)

Sub Schedule 1: Deposit from Students	Current Year	Previous Year
Deposits from Students		
Students Fee Refundable (B-Tech)	22,828.00	3,061.00
Students Hostel Fee Refundable	-	23,350.00
Student Fees Refundable (M-Tech)	17,825.00	-
Btech Advance Hostel Fees	-	7,618.00
Security Deposit of Students		
B Tech Security Deposit Refundable	12,95,000.00	13,20,000.00
M-Tech Security Deposit Refundable	4,00,000.00	3,88,000.00
PHD Security Deposit Refundable	1,48,000.00	68,000.00
Mess Deposit		
Mess Adv.	31,71,996.00	29,64,871.00
Alumini Association Contribution		
Alumini Association (NITGAA) (PHD)	-	18,000.00
Alumni Association(NITGAA) (B Tech)	-	36,000.00
Alumni Association Fees	6,04,430.00	-
Alumni Association(NITGAA) (M Tech)	-	1,03,000.00
SAC(Student Activity Centre)Fee	5,69,517.99	7,39,203.99
Hall Establishment Charges	75,15,277.00	61,23,749.00
TOTAL	1,37,44,873.99	1,17,94,852.99

Sub Schedule 2: Sundry Creditors for Goods & Services	Current Year	Previous Year
For Goods & Services		
O/s CPWD, Goa	8,97,527.50	8,97,527.50
O/s. Computer Clinic	69,951.00	-
O/s MGM International Travels	1,10,350.00	94,685.00
O/s.Sai Ram Medical Stores	-	17,140.00
O/s. Sree Vinayaka Enterprises	3,67,314.00	1,36,570.00
O/s Thunder Force Pvt. Ltd.	8,29,497.00	3,28,376.00
O/s Naresh Revodkar	35,280.00	35,280.00
O/s. Ruby Interio	81,810.00	-
TOTAL	23,91,729.50	15,09,578.50

Sub Schedule 3: Deposits Others	Current Year	Previous Year
Security Deposits		
SD Associated Scintific Corp. (I)	23,100.00	23,100.00
SD Deline Technologies Pvt. Ltd.	-	-
SD Eagle Photonics	8,525.00	8,525.00
SD Electrovision	1,000.00	1,000.00
SD Elegante Interior	-	-
SD Equip-Tronics Mumbai	-	-
SD Galaxy Computers	4,698.00	4,698.00
SD Jayam Electronics	2,137.00	2,137.00
SD Klaas Marketing Co.	-	-
SD Osaw Industrial Products Pvt. Ltd.	-	-
SD Pragna Microdesign	42,877.00	42,877.00
SD Ragiv Marketing	28,250.00	28,250.00
SD Techser Power Soluations Pvt. Ltd.	-	-
SD Thunder Force Pvt. Ltd.	10,000.00	10,000.00
SD United Telecoms Ltd.	-	-



SD Gurukul Online Learning Solutions	11,025.00	11,025.00
SD Hotel Sanman	11,000.00	11,000.00
SD Ruby Interio	-	-
SD Smartsoft	1,41,800.00	77,800.00
SD Accurate Machine Tools	-	-
SD Aimil Ltd.	-	20,000.00
Sd CMM Arena Retail Pvt. Ltd.	3,599.00	3,599.00
SD Coreel Technologies	7,301.00	7,301.00
Sd Labindia	14,560.00	14,560.00
Sd Mega Networks Pvt. Ltd.	-	7,000.00
SD NC Enterprises	40,000.00	-
SD Prashant R. Naik	18,000.00	-
SD S.P. Construction	20,000.00	-
SD Octagon Manufacturing Technology	-	3,213.00
SD Shree Vinayaka Enterprises	12,968.00	12,968.00
Sd Vitronics (India)	11,000.00	11,000.00
SD Advanced Electronic Systems	2,105.00	2,105.00
Performance Gurantee of Supplier/Contractor		
PG Power Research & Development Consultants Pvt. Ltd.	10,062.00	-
PG Opal RT Technologies Inc	-	5,73,895.00
TOTAL	4,24,007.00	8,76,053.00

Sub Schedule 4: Statutory Liabilities	Current Year	Previous Year
PF Subscription	-	1,06,806.00
Tax Deducted at Source (Non-Resident Sec 195)	1,43,092.00	11,179.00
Tax(IT/SC/EC) Professional U/s.194J	1,20,259.00	2,75,953.00
Tax (IT/SC/EC)Contractor	92,505.00	44,249.00
Tax (IT/SC/EC)Rent	2,500.00	-
TOTAL	3,58,356.00	4,38,187.00

SUB SCHEDULE 5: Other Current Liabilities		
Salaries		
O/s Salary & Wages	38,89,370.00	41,54,309.00
Other funds		
GIAN-"Advanced Adjustable Speed AC Motor Drive Systems: Application Problems and Solutions" -Dr. Suresh Mikkili	5,44,000.00	-
GIAN-Cloud Security& Privacy-Dr. Damodar Reddy	-	8,16,000.00
GIAN-Low Power Nyquist-Rate Data Converters-Dr. Nithin Kumar Y.B.	1,32,568.00	-
GIAN-Non Linear Adaptive Signal Processing-Dr. Badri Narayan S.	1,33,145.00	-
GIAN-The Field Theory of Classical & Quantum Phase Transitions-Dr. Saidi Reddy P	8,16,000.00	-
Advance Registration Fees for GIAN Programme "The Field of Classical and Quantum Phase Transitions"	6,000.00	-
C DAC (NaMPET-II)	-	2,95,000.00
Global Initiative for Academic Networks-Soumitra Das	-	8,01,823.00
Grant From Media Asia Lab for Digital India Week Event	-	6,353.00
Grant Received for Startup Centres-MHRD	2,28,501.00	-
Other liabilities		
O/s Electricity Charges	1,22,512.00	60,128.00
O/s Lien Contribution of Prof. GRC Reddy	-	25,500.00



O/s News Paper & Periodicals	2,002.00	5,051.00
O/s NPS Matching Share	7,05,416.00	3,25,938.00
O/s Children Education Allow.	9,000.00	-
O/s Postage	-	1,720.00
O/s Repair & Maint.	4,87,852.00	8,796.00
O/s Sai Hospitality	7,02,292.00	6,43,762.00
O/s. Seed Money Expenses	-	10,142.00
O/s Stipend (M Tech & Phd)	19,68,467.00	15,02,290.00
O/s. Subscription	92,20,315.00	47,61,183.00
O/s Hospitality Expenses	33,447.00	-
O/s Medical Care	22,340.00	-
O/s Mis. Expenses	4,797.00	-
O/s Travelling & Conveyance	13,957.00	-
O/s Telephone Charges	34,480.00	39,629.90
O/s Vehicle Running & Maint.	14,500.00	37,760.00
O/s Water Charges	20,915.00	-
Technival Expenses Payable	-	55,000.00
O/s. PDA Expenses	3,31,825.00	11,768.00
<u>Project O/s. Liabilities</u>		
O/s. Stipend /Fellowship	3,11,548.00	99,000.00
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. Smartsoft	1,60,855.00	-
O/s. MGM International Travels	-	9,850.00
TOTAL	1,99,16,104.00	1,37,02,858.90

SUB SCHEDULE 6: PROVISIONS	Current Year	Previous Year
O/s Audit Fee	77,625.00	41,220.00
TOTAL	77,625.00	41,220.00

SUB SCHEDULE 7: LOANS & ADVANCES	Current Year	Previous Year
a) On Capital Account		
Chief Controller of Accounts, Supply Division	-	4,275.00
Maruti Suzuki India Limited - Advance for Ambulance Vehicle	-	3,92,177.00
b) to Suppliers		
CPWD, Goa	1,45,60,915.00	1,07,86,438.00
CPWD, Goa (Civil)	6,30,000.00	6,30,000.00
CPWD, Goa (Electrical)	1,69,800.00	1,69,800.00
c) Others		
<u>Imprest Advance</u>		
Dr.Sarani Ghosal Mondal, Asst. Prof.-Emp - 1130015	50,000.00	-
Income Accrued		
Accrued Interest on Investment	35,11,466.40	22,06,561.04
Prepaid Expenses	79,78,654.00	97,02,325.00
Grants Receivable		
MHRD (Plan Grant Receivable)	-	85,00,000.00
Claims Receivable		
Receivable From GSL	-	10,000.00
DASA Tution Fees Receivable	29,316.37	-
TOTAL	2,69,30,151.77	3,24,01,576.04



Sub Schedule 8: Deposits (Assets)	Current Year	Previous Year
SDR J.G.Sathe	-	75,000.00
Security Deposit of Guest Cum Camp House -Mr. Madan Sadhale	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 - Dr. G.R.C. Reddy</u>		
Travelling & Conveyance Expenses	31,540.00	87,531.00
Equipment	10,00,000.00	-
<u>Computational and Theoretical Studies on Parabolic Partial Differential Equations in Cancer Modelling sponsored by SERB - Dr. L. Shangerganesh</u>		
Equipment	98,900.00	-
Manpower	15,484.00	-
Overhead	44,030.00	-
<u>Design, Simulation and Implementation of Bandpass Sigma Delta sponsored by SERB - Dr. Nithin Kumar Y.B.</u>		
Contingency	11,768.00	-
Equipment	3,72,120.00	-
Overhead	1,00,000.00	-
<u>Development Of Efficient Algorithms For Photoacoustic Tomography (Pat) sponsored by SERB - Dr. Raviprasad K. J.</u>		
Consumables	25,210.00	-
Manpower	5,807.00	-
Travel	18,643.00	-
Overhead	60,000.00	-
<u>Development of Secure Key Management Protocols for Group Communication Under Active Outsider Attack Model sponsored by SERB - Dr. Purushothama B. R.</u>		
Consumables	16,692.00	-
Manpower	50,357.00	-
Contingency	6,000.00	-
Overhead	61,400.00	-
Equipment	1,35,301.00	-
<u>Energy Efficient Lighting with Visible Light based Communication & Power Line Communication sponsored by DST - Dr. Ankit Dubey.</u>		
Consumables	23,475.00	-
<u>Enhanced Automation of 3-Axis CNC Milling Machine using Computer Vision and Artificial Intelligence sponsored by SERB - Dr. Pravati Swain</u>		
Consumables	11,717.00	-
Equipment	1,62,480.00	-
Overhead	84,030.00	-
<u>EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates sponsored by SERB - Dr. Velavan Kathirvelu</u>		
Equipment	1,09,214.00	7,34,829.00
Consumables	2,83,081.00	80,436.00
Travel	9,611.00	-
Contingencies	1,08,328.00	-



Overhead	1,50,000.00	-
Manpower	1,08,226.00	83,871.00
<u>Special Manpower Development Program for Chips to System Design sponsored by Central Electronics Engineering Research Institute - Dr. Nithin Kumar</u>		
Travel & Training	21,207.00	1,28,851.50
Contingencies	31,148.50	-
Lab Engineer Salary	2,44,581.00	-
Overheads	1,87,000.00	-
Salary for Project Associate	60,000.00	-
Salary of Guest/Temporary Lecturer	2,48,387.00	-
<u>Suspended functional magnetic microparticle array based point-of-care diagnostic system for multiplexed bio-molecular sensing and diagnostic sponsored by SERB - Dr. Prasanth G.R.</u>		
Travel & Training	8,103.00	-
Overhead	1,50,000.00	-
Equipment	4,42,721.00	-
<u>Visvesvaraya Phd Scheme for Electronics and IT -1 sponsored by Media Lab Asia -Dr. Nithin Kumar Y.B.</u>		
Contingency	56,872.00	47,469.00
Fellowship/Stipend	8,76,996.00	5,31,871.00
HRA	2,03,777.00	53,187.00
Infrastructure	-	76,900.00
<u>Visvesvaraya Phd Scheme for Electronics and IT - 2 sponsored by Media Lab Asia -Dr. Nithin Kumar Y.B.</u>		
Contingency	11,476.00	-
Fellowship/Stipend	8,89,253.00	3,63,629.00
HRA	2,09,488.00	35,637.00
<u>Grant for Conducting Workshop & Seminar Under PMMMNMTT Scheme sponsored by MHRD - Dr. Venkatanarashbabu K.</u>		
Workshop Expenses	3,72,252.00	3,36,239.00
<u>Fund for Training Under "SMDP-C2SD"-sponsored by Central Electronics Engineering Research Institute - Dr. Nithin Kumar</u>		
Workshop Expenses	67,646.00	-
TOTAL	71,84,321.50	25,60,450.50



NATIONAL INSTITUTE OF TECHNOLOGY GOA
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST, MARCH, 2017

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances (As per RP Schedule 1)			I. Expenses (As per RP Schedule 12)		
a) Cash in Hand	-	-	a) Establishment Expenses	5,19,01,874.30	4,53,55,116.54
b) Bank Balances			b) Academic Expenses	2,64,95,147.00	2,38,00,072.61
i) in current accounts	3,18,997.00	3,18,997.00	c) Administrative Expenses	2,05,96,939.75	2,05,05,603.44
ii) in deposit accounts	5,52,71,711.00	5,56,39,933.00	d) Transportation Expenses	7,23,689.24	7,88,188.56
iii) in savings accounts	17,54,35,556.36	8,73,85,960.18	e) Repairs & Maintenance	12,78,250.00	3,93,196.75
II. Grant Received (As per RP Schedule 2)			f) Prior Period Expenses	1,41,769.00	2,62,213.00
a) From Govt. of India			II. Payments made against Earmarked/Endowment Funds (As per RP Schedule 13)	42,000.00	-
Plan Grant -Capital	-	12,50,00,000.00	III. Payments against Sponsored Projects/Schemes (As per RP Schedule 14)	37,77,010.50	16,11,015.50
Plan Grant -Revenue	23,85,00,000.00	3,65,00,000.00	IV. Payments against Sponsored Fellowships/Scholarships (As per RP Schedule 15)	41,46,015.00	49,73,773.00
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)	2,38,03,987.22	2,19,24,108.50	VI. Term Deposits with Scheduled Banks		
IV. Receipts against Earmarked/Endowment Funds (As per RP Schedule 4)	8,92,000.00	8,84,000.00	VII. Expenditure on Fixed Assets and Capital Works - in - Progress (As per RP Schedule 16)		
V. Receipts against Sponsored Projects/Schemes (As per RP Schedule 5)	2,36,72,324.00	85,07,301.00	a) Fixed assets	97,19,469.00	1,78,52,756.42
VI. Receipts against sponsored Fellowships and Scholarships (As per RP Schedule 6)	27,38,103.00	64,48,285.00	b) Capital Works-in-progress	97,098.00	-
VII. Income on Investments from			VIII. Other Payments including statutory Payments (As per RP Schedule 17)	3,30,80,756.90	3,72,60,317.89
a) Earmarked/Endowment Funds	-	-	IX. Refunds of Grants		
b) Other investments	-	-	X. Deposits and Advances (As per RP Schedule 18)	1,31,12,106.19	20,65,912.50
VIII. Interest Received (As per RP Schedule 7)			XI. Other Payments		
a) Bank Deposits	44,68,347.05	47,41,653.00	XII. Closing balances (As per RP Schedule 19)		
b) Loans and Advances	-	-	a) Cash in hand	-	-
c) Saving Bank Accounts	65,79,646.00	47,91,841.00	b) Bank Balances		
IX. Investments Encashed			i) in current accounts	-	3,18,997.00
X. Term Deposits with Scheduled Banks Encashed			ii) in deposit accounts	36,22,35,947.00	5,52,71,711.00
XI. Other income (including Prior Period Income) (As per RP Schedule 8)	1,60,049.65	94,537.00	iii) in savings accounts	5,54,51,717.54	17,54,35,556.36
XII. Deposits and Advances (As per RP Schedule 9)	3,55,79,118.14	2,15,84,897.39			
XIII. Miscellaneous Receipts including Statutory Receipts (As per RP Schedule 10)	1,29,73,807.00	1,10,39,397.00			
XIV. Any other receipts - Misc (As per RP Schedule 11)	24,06,143.00	10,33,520.50			
TOTAL	58,27,99,789.42	38,58,94,430.57	TOTAL	58,27,99,789.42	38,58,94,430.57

FOR AND ON BEHALF OF THE BOARD

[Signature]

National Institute of Technology Goa
Farmagudi, Ponda
PLACE: PONDA, GOA
DATE: 20/03/2017
903 401

DIRECTOR

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 31,2017

OPENING CASH AND BANK BALANCES

RP Schedule -1

	Current Year		Previous Year	
a) Cash in Hand				
Cash		-		-
b) Bank Balances				
In Current Accounts				
Corp. Bank Current A/c No.01/000001		3,18,997.00		3,18,997.00
In deposit accounts				
Investment A/c. No. 150147 (CB)	2,70,68,874.00			
Investment A/c. No. 150148 (CB)	2,76,28,942.00			
Investment A/c. No. 140156 (CB)			2,47,63,779.00	
Investment A/c. No.140157 (CB)			2,52,76,154.00	
Fixed Deposit KCC/01/150025 Agst Letter of Credit			56,00,000.00	
Fixed Deposit No. KCC/01/150062 Agst Letter of Credit	5,73,895.00	5,52,71,711.00		5,56,39,933.00
In Saving Accounts				
Corp. Bank Growth Fund A/c No.SB/1935	1,32,06,555.39		73,22,688.50	
Corp. Bank Hostel A/c No.SB/1250	1,11,52,631.50		75,40,879.50	
Corp. Bank Mis. A/c No.SB/01/1915	5,42,353.00		4,15,424.00	
Corp. Bank NIT Plan A/c No.SB/000653	14,18,25,158.44		6,96,15,516.65	
Corporation Bank SB/01/003573	87,08,858.03	17,54,35,556.36	24,91,451.53	8,73,85,960.18
TOTAL		23,10,26,264.36		14,33,44,890.18

Grant Received

RP Schedule -2

	Current Year		Previous Year	
a) From Govt. of India				
Plan Grant -Capital				
Plan Grant (CCA-35)			12,50,00,000.00	
Plan Grant -Revenue				
MHRD (Plan Grant Receivable)	85,00,000.00		-	
Plan Grant (GA-31)	2,76,00,000.00		1,20,00,000.00	
Plan Grant (Sal.-36)	20,24,00,000.00	23,85,00,000.00	2,45,00,000.00	16,15,00,000.00
b) From State Govt.		-		-
c) From other sources		-		-
TOTAL		23,85,00,000.00		16,15,00,000.00

Academic Receipts

RP Schedule -3

	Current Year		Previous Year	
Attestation Fees		1,600.00		-
Bonafide Certificate Fees		1,150.00		-
Institute Fines		52,350.00		64,200.00
Library Fines		30,428.00		29,872.00
Other Fee (Exam.,Lib. Etc.)		800.00		-
Transcript Fees		13,700.00		-
Certificate		5,050.00		-
Breakage Charges		-		15,039.00
Fees/subsorption				
Admission Fee (B Tech)		75,000.00		3,61,000.00
Admission Fee (M Tech)		21,000.00		34,000.00
B-Tech Other Fees		9,36,000.00		9,39,000.00
B Tech Tution Fees		1,13,78,326.00		1,01,50,000.00
DASA Tution Fees		38,25,133.22		37,89,272.50



Forfeited of Students Fee		-	33,671.00
Hostel Rent (B Tech)	10,62,000.00		10,83,000.00
Hostel Rent (M Tech)	1,02,000.00		1,02,000.00
M -Tech Other Fees	3,84,000.00		3,48,000.00
M-Tech Tution Fees	34,30,000.00		35,03,804.00
PHD Admission Fees	15,750.00		8,250.00
Ph.D. App. Fees	77,700.00		97,500.00
PHD Other Fees	1,52,000.00		68,000.00
PHD Tution Fees	4,20,000.00		2,47,500.00
Tution Fees Adjusted From Scholarship (B TECH)	18,20,000.00		10,50,000.00
TOTAL		2,38,03,987.22	2,19,24,108.50

Receipts against Earmarked/Endowment Funds

RP Schedule -4

	Current Year		Previous Year	
Institute Development Fund (B Tech)		5,25,000.00		5,43,000.00
Institute Development Fund (M Tech)		2,92,000.00		2,97,000.00
Institute Development Fund (Phd)		75,000.00		44,000.00
TOTAL		8,92,000.00		8,84,000.00

Receipts against Sponsored Projects/Schemes

RP Schedule -5

	Current Year		Previous Year	
Plan Grant for Conducting Workshop & Seminar Under PMMMNMTT Scheme -MHRD		3,00,000.00		8,00,000.00
Fund for Training Under "SMDP-C2SD"-CEERI PILANI		3,00,000.00		-
An Integrated Computational and Experimental Approach to Structural Design for Ballistic Impacts and Blasts - Indian Institute of Science-Dr.Saidi Reddy Parne		-		25,468.00
Computational and Theoretical Studies on Parabolic Partial Differential Equations in CM-Dr. Shangerganesh		6,19,030.00		-
Design and Implementation of an Inverter for A Grid Connected Photovoltaic System Which Is A Part of VPP-Dr. Sree Raj		20,73,820.00		-
Design & Development of A Photovoltaic - Thermoelectric Hybrid Energy System-Dr. Lalat Indu Gir		21,74,860.00		-
Design & Development of Roast Distributed Nonlinear Channel Equalization & Identification-Dr. Trilochan P		12,91,620.00		-
Design of Compact Shaped Beam Antenna Array for Dedicated Short Range Communication Service-Dr. Anirban Chatterjee		25,08,443.00		-
Design, Simulation and Implementation of Bandpass Sigma Delta - SERB-Dr.Nithin Kumar Y.B		-		22,23,000.00
Development of A Multipurpose Intelligent Controller for A Nano Grid Operation-Dr. C. Vjayanthi		17,00,000.00		-



Development Of Efficient Algorithms For Photoacoustic Tomography (Pat) - SERB-Dr. Raviprasad K.J		-		14,71,333.00
Development of Secure Key Management Protocols for Group Communication Under Active Outsider Attack Model-SERB-Dr.Purushothama B.R.		5,76,060.00		-
Energy Efficient Lighting with Visible Based Communication & Power Line Communication-Dr. Ankit Dubey		5,27,600.00		-
Enhanced Automation of 3-Axis CNC Milling Machine Using Computer Vision and Artificial Intelligence-SERB-Dr.Pravati Swain		12,24,020.00		-
EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates - SERB -Dr.Velavan Kathirvelu		3,45,050.00		14,80,000.00
Improved PHY and MAC Strategies for M2M Communications in Smart Grid Over Wireless and PLC Heterogenous Network -Dr. Ankit Dubey		20,51,960.00		-
Monit Air: An IoT Based Air Pollution Monitoring System- Dr. S. Mini & Dr. Trilochan Panigrahi		15,18,440.00		-
Secure and Efficient Communications Inside Partitioned Socialoverlaynetworks-Dr. Keshavamurthy B.N		9,90,000.00		-
Smart City Surveillance Using Decentralized Multi Camera Network":- Dr Badrinarayan Subudhi		12,13,935.00		-
Special Manpower Development Program for Chips to System Design - Central Electronics Engineering Research-Dr.Nithin Kumar Y.B		-		16,95,000.00
Suspended Functional Magnetic Microparticle Array'		25,87,500.00		-
based Point-of-Care Diagnostic System for MBMSS-SERB-Dr.Prasanth G.R.				
Visvesvaraya Phd Scheme - Media Lab Asia 1-Dr.Nithin Kumar Y.B		8,53,424.00		-
Visvesvaraya Phd Scheme - Media Lab Asia - Project 2-Dr.Nithin Kumar Y.B		8,16,562.00		8,12,500.00
TOTAL		2,36,72,324.00		85,07,301.00

Receipts against sponsored Fellowships and Scholarships

RP Schedule -6

	Current Year		Previous Year	
Other Scholarships		33,892.00		9,90,000.00
Scholarship EDCIL (India) Ltd.		4,51,546.00		2,96,053.00
Scholarship of Tribal, GoI		1,25,061.00		14,74,502.00
Scholarship Social Justice		21,27,604.00		36,87,730.00
Sponsored Pojects				
Visvesvaraya Phd Scheme - Media Lab Asia				
TOTAL		27,38,103.00		64,48,285.00



Interest Received

RP Schedule -7

	Current Year		Previous Year	
a) Bank Deposits				
Accrued Interest on Investment		-13,04,905.36		1,43,355.16
Interest on Plan Grant		18,00,483.62		-
Interest on Term Deposits		39,72,768.79		45,98,297.84
On Saving Accounts				
Bank Interest		61,95,473.00		46,10,241.00
On Sponsored Projects Saving Accounts				
Bank Interest		3,84,173.00		1,81,600.00
TOTAL		1,10,47,993.05		95,33,494.00

Other income (including Prior Period Income)

RP Schedule -8

	Current Year		Previous Year	
Canteen Rent Received		84,000.00		84,000.00
RTI Application Fee		754.00		602.00
Credit Balances W/Back		-		295.00
Misc. Income		2,158.65		-
Profit on Sale of Assets		60,000.00		-
LD(Liquidated Damage)Suppl./Contractor		7,346.00		9,640.00
Income From Sales/services				
Sale of Tender Paper		2,070.00		-
Projects Other Income				
LD(Liquidated Damage)Suppl./Contractor		3,721.00		-
TOTAL		1,60,049.65		94,537.00

Deposits and Advances

RP Schedule -9

	Current Year		Previous Year	
Advance Received				
Advance Registration Fees for GIAN Programme "The Field of Classical and Quantum Phase Transitions"		6,000.00		-
Alumini Association (NITGAA) (PHD)		21,000.00		11,000.00
Alumni Association(NITGAA) (B Tech)		3,17,000.00		50,000.00
Alumni Association(NITGAA) (M Tech)		51,000.00		40,000.00
Btech Advance Hostel Fees		21,950.00		23,350.00
B Tech DASA Advance Tutition Fees		-		2,26,933.50
B Tech Tutition Advance Fees		33,886.00		35,000.00
C DAC (NaMPET-II)		-		2,95,000.00
DASA Admission Expenses Reimbursement		1,00,000.00		1,00,000.00
DASA Tuition Fees Refundable		1,340.19		-
Department of Atomic Energy - Conference on Computational and Theoretical Partial Differential Equations -Dr. Shangerganesh, Asst. Prof.		2,35,000.00		-
Grant From Govt. of Goa - Rashtriya Avishkar Abhiyan		90,118.00		-
Grant From Media Asia Lab for Digital India Week Event		-		50,000.00
Grant Received for Startup Centres-MHRD		3,75,000.00		-
Science & Engineering Research Board		2,00,000.00		-
Group Insurance Scheme (B Tech)		3,74,400.00		3,39,918.00
Group Insurance Scheme (M Tech)		1,15,200.00		94,482.00
Group Insurance Scheme (Phd)		45,600.00		18,462.00



Hall Establishment Charges	17,46,000.00	17,77,500.00
Mess Adv.(B Tech)	60,42,375.00	54,18,270.00
Mess Adv. (M Tech)	5,82,000.00	5,10,180.00
SAC (Student Activity Centre) Fee (B Tech)	2,92,600.00	2,93,225.00
SAC(Student Activity Centre) Fee (M Tech)	91,350.00	82,475.00
Student Fees Refundable (M-Tech)	1,60,425.00	-
Students Fee Refundable (B-Tech)	7,24,491.00	1,48,366.00
Students Hostel Fee Refundable(B.Tech)	1,875.00	-
GIAN-"Advanced Adjustable Speed AC Motor Drive Systems: Application Problems and Solutions" -Dr. Suresh Mikkili	5,44,000.00	-
GIAN-Advance in Privacy Preserving Data Mining-Dr. Chirag Modi	8,16,000.00	-
GIAN-Applied Continnum Mechanics-Dr. Saidi Reddy	8,16,000.00	-
GIAN-Cloud Security& Privacy-Dr. Damodar Reddy	-	8,16,000.00
GIAN-Computational Mathematics & FEM-Dr. Saidi Redy	8,16,000.00	-
GIAN-Computational Nonlinear Optics-Dr. Saidi Reddy P.	8,16,000.00	-
GIAN-Cyber Crime Investigation & Digital Forensics-Dr. Chirag Modi	8,16,000.00	-
GIAN-Low Power Nyquist-Rate Data Converters-Dr. Nithin Kumar Y.B.	5,44,000.00	-
GIAN-Nanoscale Wireless Networking:Opportunities, Challenges-Dr. Trilochan P	5,44,000.00	-
GIAN-Non Linear Adaptive Signal Processing-Dr. Badri Narayan S.	5,44,000.00	-
GIAN-PKI and Trust Management-Dr. Chirag Modi	8,16,000.00	-
GIAN-Power Electronicsfor Renewable Energy Systems-Dr. Suresh Mikkili	8,16,000.00	-
GIAN-The Field Theory of Classical & Quantum Phase Transitions-Dr. Saidi Reddy P	8,16,000.00	-
Global Intitiative for Academic Networks-Soumitra Das	-	8,75,000.00
<u>Performance Gurantee of Supplier/Contractor</u>		
PG Power Research & Development Consultants Pvt. Ltd.	10,062.00	-
PG Opal RT Technologies Inc	-	5,73,895.00
<u>Security Deposit(Contractor)</u>		
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 KPS Industries	-	3,696.00
Sd Labindia	-	14,560.00



SD MAHADEO NAIK	30,000.00	-
Sd Mega Networks Pvt. Ltd.	-	7,000.00
SD NC Enterprises	40,000.00	-
SD Octagon Manufacturing Technology	-	3,213.00
SD Pragna Microdesign	-	13,385.00
SD Prashant R. Naik	18,000.00	-
Sd Raut Scientific & General	-	13,000.00
SD Ruby Interio	17,500.00	22,000.00
SD San Instruments	30,000.00	-
SD Shree Vinayaka Enterprises	-	12,968.00
SD Smartsoft	64,000.00	41,000.00
SD S.P. Construction	20,000.00	-
SD Tecnology Excellence Group	30,000.00	-
Sd Vitronics (India)	-	28,000.00
<u>Security Deposit(Student)</u>		
B Tech Security Deposit Refundable	3,16,000.00	2,88,000.00
M-Tech Security Deposit Refundable	2,04,000.00	1,60,000.00
PHD Security Deposit Refundable	84,000.00	44,000.00
<u>Advance Receivable</u>		
CCMT	14,00,000.00	20,36,928.00
CSAB	27,00,000.00	29,85,000.00
CSAB-2014	-	40,000.00
DASA	13,98,922.25	12,54,248.89
DASA Tution Fees Receivable	19,59,449.70	2,71,584.00
Diwakar Prasad Tripathi	-	1,006.00
Receivable From GSL	10,000.00	-
SDR J.G.Sathe	50,000.00	-
Students Fee Receivable	17,500.00	-
<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. Dean, Planning & Development	15,000.00	-
Permanent Adv. to Asst. Registrar	15,000.00	15,000.00
<u>Advance to Staff Settled</u>		
Amit Kabiraj, AR	1,61,500.00	2,35,000.00
Badri Narayan Subudhi, Asst. Prof. (1140044)	1,80,500.00	15,000.00
Damodar Reddy Edla, AP(1130011)	4,00,000.00	4,25,000.00
Digambar R. Dhengole	6,000.00	13,726.00
Dr. Amol D. Rahulkar, Asst. Prof. (Emp. No.-1140067)	33,585.00	-
Dr. Anirban Chatterjee, Asst. Prof. (Emp. No.-1130035)	37,651.00	-
Dr. Ankit Dubey, Asst. Prof. (Emp-1140070)	1,05,000.00	-
Dr.C. Vyjayanthi, Asst. Prof. (Emp. Code.-1140069)	75,000.00	-
Dr. Keshavamurthy B. N., Asst. Prof (1140043)	6,000.00	25,000.00
Dr. Lalat Indu Giri, Asst. Prof. (Emp. Code -1150073)	1,50,000.00	75,000.00
Dr. L. Shangerganesh, Asst. Prof. (Emp. No.-1160083)	1,50,000.00	-
Dr. Prasanth G. R., Asst. Prof.(Emp. Code-1150072)	7,047.00	-
Dr.Sarani Ghosal Mondal, Asst. Prof.-Emp -1130015	22,550.00	-



Dr. Shivnarayan Patidar, Asst. Prof. (Emp. No.-1150071)	1,38,481.00	-
Dr. S. Mini, Asst. Prof. (Emp. Code -1140045)	1,000.00	-
Dr. Soumitra Das, Asst. Prof., Emp. No.-1150074	8,77,775.00	1,50,000.00
Dr. Trilochan Panigrahi, Asst. Prof. (Emp. No.-1140066)	62,602.00	-
Dr. Veena Thenkanidiyoor, Asst. Prof. (1130016)	-	15,000.00
Dr. Veerakumar T., Asst. Prof. - Emp. No.-1130033	1,00,584.00	-
K. Raj Kumar(3130027)	15,000.00	20,000.00
Lalit Kumar Jiwani, Asso. Prof.	1,27,000.00	-
Manjunath S. Koparde(3130030)	39,540.00	35,600.00
Modi Chirag Navinchandra, Asst Prof. (Emp. No. 1140068)	4,00,000.00	-
Mrs. Suvridha Naik, Technical Assistant	4,800.00	3,000.00
Mrs. Swara S. Lotlikar, Steno,Emp. Code - 4160079	-	3,000.00
Munesh Kumar, AL	1,05,000.00	85,000.00
Namrata A Girap (4130026)	-	27,900.00
Nijin M., Technician (3140056)	24,563.00	32,000.00
Nithin Kumar Y. B (1130036)	50,000.00	-
Prasanth P., SO	4,06,290.00	1,64,490.00
Prof. Y. Uday Kumar, Director	21,989.00	-
P Saidi Reddy(1130009)	15,50,000.00	32,000.00
Purushothama B.R.(1130022)	-	1,20,000.00
Sreeraj E. S., Asst. Prof (Emp. Code -1140041)	14,000.00	3,000.00
S. Sudharsan, TA	8,172.00	-
Suresh Mikkil Asst. Prof.	7,07,300.00	28,400.00
T. Somasekhara Rao, Asst. Prof.	-	15,000.00
Vasantha M. H Asst Prof. (1130032)	1,58,644.00	50,200.00
Velavan Kathirvelu Asst. Prof (1130013)	15,000.00	-
Venkatareshbabu Kuppili, Asst. Prof. (1140065)	-	86,000.00
Venkata Raman Gandhi, Tech..	15,000.00	6,000.00
Vijeesh VP, Technician (Emp Code-3140049)	38,000.00	22,000.00
<u>Sponsored Projects Advances</u>		
Dr. Pravati Swain, Asst. Prof. Emp. Code-1140064	30,000.00	-
Dr.Raviprasad K.J., Asst Prof. (Emp No. - 1130034)	-	3,00,000.00
Dr. Venkatareshbabu Kuppili, Asst. Prof. (Emp. Code - 1140065)	-	5,00,000.00
T.Veerakumar, Asst. Prof. (Emp No.-1130033)	90,000.00	-
Science & Engineering Research Board	1,00,000.00	-
<u>Advance to Supplier/Contractor</u>		
Fishing Rod LLP	3,56,501.00	-
TOTAL	3,55,79,118.14	2,15,84,897.39

Miscellaneous Receipts including Statutory

Receipts

RP Schedule -10

	Current Year	Previous Year
Statutory Liability		



PF of Prof. GRC Reddy		1,00,000.00	1,50,000.00
PF Subscription		79,45,586.00	67,98,306.00
Tax Deducted at Source (Non-Resident Sec 195)		7,53,768.00	75,341.00
Tax (IT/SC/EC)Contractor		3,39,469.00	2,87,155.00
Tax(IT/SC/EC) Professional U/s.194J		1,44,409.00	6,54,112.00
Tax (IT/SC/EC)Rent		10,000.00	-
TDS(IT)Staff		36,78,582.00	30,74,483.00
Projects Statutory Liability			
Tax Deducted at Source -194C		1,993.00	-
TOTAL		1,29,73,807.00	1,10,39,397.00

Any other receipts - Misc

RP Schedule -11

	Current Year	Previous Year
Sponsorship for RAAG	3,48,743.00	-
Sponsorship for Techno-Cultural Event Spectra Convocation Registration Fees	14,500.00	2,45,620.50
Sundry Debtors		
Payu Money	1,47,000.00	-
Sponsorship for Technival	-	25,000.00
Workshop, Summer Course, Other Programmes		
Short Term Course (Reg.) - Dr. Damodar Reddy Edla	-	81,000.00
Short Term Course Reg. Fees - Clean Energy Systems & Tech.-Dr. Lalat Indu Giri	-	75,000.00
Short Term Training Progm.- Dr. Venkatanaresbhabu Kuppili	-	1,08,000.00
Summer Course Regn.	68,000.00	2,17,500.00
Workshop Registration Fees		
Cryptography, Applications - Dr. Purushothama B.R.	-	1,14,000.00
GIAN Workshop Reg. Fee-"Applied Continuum Mechanics"-Dr. Saidi Reddy Parne	1,34,000.00	-
GIAN Workshop Reg. Fee-"Computational Nonlinear Optics"-Dr. Saidi Reddy Parne	22,000.00	-
GIAN Workshop Reg. Fee-"Cyber Crime Investigation & Digital Forensics"-Dr. Chirag N. Modi	1,00,000.00	-
GIAN Workshop Reg. Fee-"Nanoscale Wireless Networking:Opportunities, Challenges and Recent Advances" - Dr. Trilochan Panigrahi	64,500.00	-
GIAN Workshop Reg. Fee-"Non-Linear Adaptive Signal Processing"-Dr. Badri Narayan Subudhi	44,000.00	-
GIAN Workshop Reg. Fee-"Power Electronics for Renewable Energy Systems"-Dr. Suresh Mikkili	1,62,000.00	-
GIAN Workshop Reg. Fee-Cloud Security & Privacy-Dr. Damodar Reddy Edla	1,07,000.00	-
GIAN Workshop Reg. Fee-Computational Mathematics & FEM-Dr. Saidi Reddy P	1,31,000.00	-



GIAN Workshop Reg. Fee-Public Key Infrastructure (PKI) and Trust Management - Dr. Modi Chirag N.	68,500.00	-
GIAN Workshop Reg. Fees "Advancements in Privacy Preserving Data Mining" -Dr. Chirag N. Modi	1,67,000.00	-
GIAN Workshop Registration Fees "Low Power Nyquist Data Converters"-Dr. Nithin Kumar Y.B.	28,000.00	-
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
Registration Fees for "The Entrepreneurship Summit 2016"	6,400.00	-
Short Term Course Registration Fees - "Recent Advances in Alternate Energy Sources & Technology" - Dr.Lalat Indu Giri	1,07,000.00	-
Short Term Course Registration Fees - National Mission on Power Electronics Technology - Dr.Suresh Mikkili	2,28,500.00	-
Sponsorships for Workshops	-	25,000.00
Workshop Reg. Fee-"Practical Applications of Data Mining, IBM Bluemix & IBM Watson" -Dr. Damodar Reddy Edla	82,000.00	-
Workshop Reg. Fee-Recent Advances In Privacy Preserving Mining-Dr. Keshavamurthy BN	84,000.00	-
Workshop Registration Fees - Emerging Technologies in Mobile Communication - Dr.Ankit Dubey	95,000.00	-
Workshop Registration Fees -Security & Privacy : Theory & Practice - Dr.Chirag Modi	96,000.00	-
Workshop Registration Fees - Video & Image Analysis: Fundamentals & Advances - Dr. T. Veerakumar	1,01,000.00	-
TOTAL	24,06,143.00	10,33,520.50

Expenses

RP Schedule -12

	Current Year	Previous Year
Establishment Expenses		
Lien Contribution of Prof. GRC Reddy	1,67,806.00	2,80,500.00
NPS Matching Share	36,46,855.00	31,17,201.00
Salary and Wages		
Salary and Wages(Contractual)	17,30,156.00	17,33,410.00
Salary and Wages(Faculty)	3,17,53,172.00	2,83,43,400.00
Salary and Wages(Staff)	1,17,63,664.00	98,18,479.00
Staff Travelling Allowance		
GRC Reddy, Director for TA	1,67,824.00	3,28,150.00
TA to Staff	4,27,119.00	2,66,316.10
Udaykumar Y., Director TA/DA	1,23,114.00	-
Staff Welfare Expenses		
Children Education Allowance	2,85,870.00	3,20,887.00



LTC(EL)	99,660.00		1,70,430.80	
LTC(Leave Travel Concession)	10,98,328.00		5,67,274.80	
Medical Care(Staff)	3,67,914.07		1,67,581.84	
Medical Claim by Prof. GRC Reddy	22,149.00		-	
Staff Telephone Charges	2,48,243.23	5,19,01,874.30	2,41,486.00	4,53,55,116.54
Academic Expenses				
Admission Expenses	13,209.00		19,922.50	
Awards & Prizes	3,667.00		4,531.00	
Curricular Activities Expenses	65,256.00		-	
Examination Expenses	1,900.00		-	
Honorarium	5,24,300.00		7,93,500.00	
Lab Consumable	2,22,541.00		2,37,066.50	
License Fee for Software/web Edition	-		1,32,137.00	
M.Tech.(Gate) Stipend	1,11,56,959.00		1,01,45,896.00	
Online Subscription	50,24,703.00		62,65,423.00	
Ph.D. Stipend	57,08,094.00		30,17,510.00	
Robotics Club Exp.	6,000.00		-	
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 Kuppli	-		1,01,219.00	
Student Travel	41,862.00		1,53,947.56	
Subscription	3,34,797.00		3,14,404.00	
Swachh Bharat Abhiyan Event Expenses	525.00		2,843.00	
Unnat Bharat Abhiyan Expenses	-		2,992.00	
Workshop Expenses -Cryptography, Applications - Dr. Purushothama B.R.	-		1,11,457.00	
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 for Summer Course Org.	68,000.00		2,10,000.00	
GAIN Workshop Expenses-"Computational Mathematics & FEM" -Dr. Saidi Reddy P.	78,600.00		-	
GAIN Workshop Expenses-"Power Converters for Alternative Energy Source"- Dr. Soumitra Das	35,040.00		-	
GAIN Workshop Expenses-"Power Electronics for Renewable Systems" -Dr. Suresh Mikkili	1,17,200.00		-	
GIAN Expenses-"Advance Privacy Preserving Data Mining"-Dr. Chirag N. Modi	95,400.00		-	
GIAN Expenses-"Applied Continuum Mechanics" - Dr. Saidi Reddy Parne	80,400.00		-	
GIAN Expenses-"Computational Nonlinear Optics" - Dr. Saidi Reddy Parne	13,200.00		-	
GIAN Expenses-"Cyber Crime Investigation & Digital Forensics"-Dr. Chirag N. Modi	60,000.00		-	
GIAN Expenses-"Nanoscale Wireless Networking:Opportunities, Challenges & Recent Advances"-Dr. Trilochan Panigrahi	38,700.00		-	



GIAN Expenses-"Publi Key Infrastructure & Trust Management"-Dr. Chirag N. Modi	41,100.00		-	
GIAN Workshop Expenses -"Cloud Security & Privacy"-Dr. Damodar Reddy Edla	39,000.00		-	
GIAN Workshop Expenses "Low Power Nyquistrate Data Converters"-Dr. Nithin Kumar Y.B.	16,800.00		-	
GIAN Workshop Expenses-"Non-Linear Adaptive Signal Processing"-Dr. Badri Narayan Subudhi	26,400.00		-	
Workshop Expenses-"Practical Applications of Data Mining, IBM Bluemix & IBM Watson" -Dr. Damodar Reddy Edla	76,500.00		-	
Workshop Expenses - "Recent Advances in Alternate Energy Sources & Technology" - Dr.Lalat Indu Giri	87,300.00		-	
Workshop Expenses- Emerging Technologies in Mobile Communication - Dr.Ankit Dubey	94,442.00		-	
Workshop Expenses - National Mission on Power Electronics Technology - Dr.Suresh Mikkili	2,28,500.00		-	
Workshop Expenses- Recent Advances in Privacy Preserving Mining-Dr.Keshavmurthy B	75,600.00		-	
Workshop Expenses- Security & Privacy: Theory & Practice -Dr. Chirag N. Modi	86,400.00		-	
Workshop Expenses- Video & Image Analysis: Fundamentals & Advances - Dr. T . Veerakumar	90,803.00		-	
<u>Expenses against Cultural Events</u>				
Sponsorship for Technival-2014				
Sponsorship for RAAG	3,48,743.00		-	
Sponsorship for Techno-Cultural Event Spectra				
<u>Convocation Expenses</u>				
Convocation - Advertisement Expenses	3,04,906.00		2,97,791.00	
Convocation Event Management Expenses	7,18,350.00		6,17,000.00	
Convocation Expenses - Contingency/Hospitality	1,74,500.00		2,84,505.00	
Convocation Expenses -TA	5,052.00		37,790.00	
Convocation Miscellaneous Expenses	7,124.00		1,97,778.50	
Convocation - Postage Expenses	-		6,189.00	
Convocation Printing & Stationery	3,83,274.00		2,76,360.55	
Convocation Travelling & Conveyance Expenses	-	2,64,95,147.00	2,48,903.00	2,38,00,072.61
<u>Other Administrative Expenses</u>				
Accommodation	-		15,440.00	
Advertisement & Publicity Expenses	12,05,998.00		15,37,020.00	
AMC Charges of Software	-		6,48,578.00	
Audit Fee	1,56,980.00		91,300.00	
Contingency Expenses	4,85,549.50		3,07,766.67	
Electricity & Power	6,61,374.00		6,30,277.00	
Foreign Exchange Loss	80,233.45		-	
Hospitality Expenses	13,14,729.00		6,91,792.00	
Housekeeping/Cleaning & Maintenance Expenses	12,87,921.00		12,83,694.78	
House Rent	25,000.00		23,223.00	



Internet Charges(Payment)	12,90,843.00		12,42,319.00	
IT Interest	-		522.00	
Medicines	1,94,271.00		77,563.00	
Meeting Expenses	54,615.00		-	
Membership	61,342.00		1,13,275.00	
Miscellaneous Expenses	14,014.00		400.00	
News Paper & Subscription	12,463.00		13,991.00	
Postage	24,283.00		31,728.00	
Printing & Stationary	7,79,285.00		7,96,357.80	
Professional Charges	11,750.00		-	
Registration Fees	-		23,682.50	
Rent, Rate & Tax	2,846.00		283.00	
SAC Expenses	5,50,711.00		2,89,525.29	
Service Charges	15,460.50		12,794.00	
Telephone Charges	1,31,890.30		1,63,765.10	
Travelling & Conveyance Expenses	64,516.00		7,800.00	
Water Charges Expenses	1,56,606.00		67,689.00	
Outsourced Expenses 1				
Thunder Force Pvt. Ltd.	39,49,687.00		36,80,756.16	
PDA Administrative Expenses				
PDA Membership	24,715.00		62,864.66	
PDA Consumables	5,126.00		-	
PDA Printing & Stationery	1,60,892.00		2,83,880.00	
PDA Registration Fees	2,88,540.00		4,87,415.58	
PDA TA	9,06,610.00		7,32,543.36	
Seed Money Administrative Expenses				
Seed Money - Lab Consumable	16,036.00		9,841.00	
Travelling Allowance				
MGM International Travels	7,32,984.00		14,75,613.00	
TA to Outsiders	3,38,109.00		7,46,620.54	
Hostel Mess Charges				
Sai Hospitality	55,57,250.00		49,29,400.00	
Finance Cost				
Bank Commission/Charges	34,310.00	2,05,96,939.75	25,883.00	2,05,05,603.44
Transportation Expenses				
Naresh Revodkar	3,96,000.00		4,68,000.00	
Vehicle Running & Maintenance	3,27,689.24	7,23,689.24	3,20,188.56	7,88,188.56
Repair & Maintenance				
Repair & Maintenance -Others	2,58,877.00		-	
Repairs & Maintenance - Buildings	4,97,542.00		-	
Repairs & Maintenance - Electrical	3,37,876.00		-	
Repairs & Maintenance of Computers	1,83,955.00	12,78,250.00	-	3,93,196.75
Prior Period Expenses		1,41,769.00		2,62,213.00
TOTAL		10,11,37,669.29		9,11,04,390.90

Payments made against Earmarked/Endowment Funds

RP Schedule -13

	Current Year	Previous Year
Institute Development Fund (M Tech)	12,000.00	-
Spent against Sponsored Projects		
PDF-EPR Studies of Some Ni(II)-SERB-Dr. Velavan Kathirvelu	30,000.00	-
TOTAL	42,000.00	-

Payments against Sponsored Projects/Schemes

RP Schedule -14

	Current Year	Previous Year
Plan Grant for Conducting Workshop & Seminar Under PMMMMNTT Scheme -MHRD	3,72,252.00	3,36,239.00



Fund for Training Under "SMDP-C2SD"-CEERI PILANI		67,646.00		-
An Integrated Computational and Experimental Approach to Structural Design for Ballistic Impacts and Blasts - Indian Institute of Science- Dr.Saidi Reddy Parne		31,540.00		73,825.00
Design, Simulation and Implementation of Bandpass Sigma Delta - SERB-Dr.Nithin Kumar Y.B		11,768.00		-
Development Of Efficient Algorithms For Photoacoustic Tomography (Pat) - SERB-Dr. Raviprasad K.J		43,853.00		-
Development of Secure Key Management Protocols for Group Communication Under Active Outsider Attack Model-SERB- Dr.Purushothama B.R.		22,692.00		-
Energy Efficient Lighting with Visible Based Communication & Power Line Communication- Dr. Ankit Dubey		23,475.00		-
Enhanced Automation of 3-Axis CNC Milling Machine Using Computer Vision and Artificial Intelligence-SERB-Dr.Pravati Swain		11,717.00		-
EPR Studies of Some Ni(II) Complexes in Crystalline Environment: Probing the Structure, Bonding and Electron Spin Relaxation Rates - SERB -Dr.Velavan Kathirvelu		5,09,296.00		1,39,307.00
Special Manpower Development Program for Chips to System Design - Central Electronics Engineering Research-Dr.Nithin Kumar Y.B		5,16,323.50		1,28,851.50
Suspended Functional Magnetic Microparticle Array' based Point-of-Care Diagnostic System for MBMSS-SERB-Dr.Prasanth G.R.		8,103.00		-
Visvesvaraya Phd Scheme - Media Lab Asia 1- Dr.Nithin Kumar Y.B		11,13,056.00		5,83,027.00
Visvesvaraya Phd Scheme - Media Lab Asia - Project 2-Dr.Nithin Kumar Y.B		10,45,289.00		3,49,766.00
TOTAL		37,77,010.50		16,11,015.50

Payments against Sponsored Fellowships /

Scholarships

RP Schedule -15

	Current Year		Previous Year	
Other Scholarships		33,892.00		9,90,000.00
Scholarship EDCIL (India) Ltd.		4,51,546.00		2,96,053.00
Scholarship of Tribal, Gol		9,45,463.00		6,54,100.00
Scholarship Social Justice		27,15,114.00		30,33,620.00
TOTAL		41,46,015.00		49,73,773.00

Expenditure on Fixed Assets and Capital Works - in- Progress

RP Schedule -16

	Current Year		Previous Year	
a) Purchase of Fixed Assets				
Audio Visual Equipments	5,75,755.00		-	
CCTV Surveillance System	-		1,98,606.00	
Computer/peripherals	27,76,095.00		17,10,875.00	



Furniture & Fixture	9,12,503.00		12,49,311.00	
Hostel Equipment	-		2,800.00	
Hostel Utensil & Furniture	-		68,699.50	
Lab Equipments - P & M	30,03,987.00		96,90,222.00	
Library Books	1,23,939.00		8,60,985.05	
Office Equipment	-		6,52,997.87	
Plant, Machinery & Equipment	1,59,050.00		13,455.00	
Small Value Assets	9,884.00		-	
Software & Program	-		25,39,656.00	
Telecom & Networking Installation	-	75,61,213.00	32,900.00	1,70,20,507.42
Intangible Assets				
Patent - Photonic Inverter	-		11,760.00	
Patent - Superconducting Permanent Magnetic Motor	-	-	11,760.00	23,520.00
Capital Work in Progress				
Solar Rooftop PV System		97,098.00		-
Sponsored Projects Fixed Assets				
Lab Equipment-DRDO Project IISC	10,00,000.00		-	
Computer & Peripherals - SERB-Dr.Purushothama B. R.	1,35,301.00		-	
Computer & Peripherals- Computational and Theoretical Studies on PPD Equations in CM-Dr. Shangerganesh	98,900.00		-	
Computer & Peripherals-Dr. Nithin Kumar Y.B-SERB	3,72,120.00		-	
Computer & Peripherals - SERB Project	66,999.00		46,700.00	
Lab Equipment - SERB Project	42,215.00		6,85,129.00	
Lab Equipments - Suspended Functional Magnetic Microparticle Array -Dr.Prasanth G.R.	4,42,721.00		-	
Office Equipments	-	21,58,256.00	76,900.00	8,08,729.00
TOTAL		98,16,567.00		1,78,52,756.42

Other Payments including statutory Payments

RP Schedule -17

	Current Year		Previous Year	
Sundry Creditors				
O/s CPWD, Goa	-		2,42,501.00	
O/s Elegante Interiors	-		24,88,400.00	
O/s. Ruby Interio	-		20,99,170.00	48,30,071.00
Liability for Expenses				
O/s Audit Fee	41,220.00		20,520.00	
O/s. Bank Charges	-		9,482.00	
O/s. Ecoclean Systems & Solutions	-		1,22,257.45	
O/s Electricity Charges	60,128.00		40,971.00	
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	3,25,938.00		2,81,952.00	
O/s. PDA Expenses	11,768.00		-	
O/s Postage	1,720.00		1,626.00	
O/s Repair & Maint.	8,796.00		-	
O/s Sai Hospitality	6,43,762.00		5,98,486.00	
O/s.Sai Ram Medical Stores	17,140.00		-	
O/s Salary & Wages	41,54,309.00		37,56,468.00	
O/s. Seed Money Expenses	10,142.00		11,322.00	
O/s. Sree Vinayaka Enterprises	1,36,570.00		-	
O/s Stipend (M Tech & Phd)	15,02,290.00		11,39,980.00	



O/s. Subscription	-		39,19,405.00	
O/s Telephone Charges	39,629.90		35,541.00	
O/s Thunder Force Pvt. Ltd.	4,28,376.00		2,96,376.44	
O/s Vehicle Running & Maint.	37,760.00		18,870.00	
O/s Water Charges	-		1,527.00	
Technival Expenses Payable	55,000.00	75,35,064.90	-	1,04,14,862.89
Sponsored Projects Liabilities				
O/s. IVC Pumps Pvt. Ltd.	3,000.00		-	
O/s. MGM International Travels	9,850.00		-	
O/s. Stipend /Fellowship	99,000.00		51,750.00	
O/s. Stipend Payable(SERB- EPR)	25,000.00		-	
O/s. Travelling Expenses Payable	3,856.00	1,40,706.00	-	51,750.00
Statutory Liability				
PF of Prof. GRC Reddy	1,00,000.00		1,50,000.00	
PF Subscription	80,52,392.00		69,28,830.00	
Tax Deducted at Source (Non-Resident Sec 195)	6,33,034.00		64,162.00	
Tax (IT/SC/EC)Contractor	3,38,531.00		3,07,546.00	
Tax(IT/SC/EC) Professional U/s.194J	3,08,728.00		4,72,266.00	
Tax (IT/SC/EC)Rent	7,500.00		-	
TDS(IT)Staff	36,78,582.00		30,74,483.00	
Projects Statutory Liability				
Tax Deducted at Source -194C	1,993.00	1,31,20,760.00	-	1,09,97,287.00
Advance Receivable				
Prepaid Expenses		10,55,321.00		52,77,204.00
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. Dean, Planning & Development	15,000.00		-	
Permanent Adv. to Asst. Registrar	15,000.00	55,000.00	15,000.00	40,000.00
Advance to Staff towards expenses				
Amit Kabiraj, AR	1,61,500.00		2,35,000.00	
Badri Narayan Subudhi, Asst. Prof. (1140044)	1,80,500.00		15,000.00	
Damodar Reddy Edla, AP(1130011)	4,00,000.00		4,25,000.00	
Digambar R. Dhengole	6,000.00		13,726.00	
Dr. Amol D. Rahulkar, Asst. Prof. (Emp. No.- 1140067)	33,585.00		-	
Dr. Anirban Chatterjee, Asst. Prof. (Emp. No.- 1130035)	37,651.00		-	
Dr. Ankit Dubey, Asst. Prof. (Emp-1140070)	1,05,000.00		-	
Dr.C. Vyjayanthi, Asst. Prof. (Emp. Code.- 1140069)	75,000.00		-	
Dr. Keshavamurthy B. N., Asst. Prof (1140043)	6,000.00		25,000.00	
Dr. Lalat Indu Giri, Asst. Prof. (Emp. Code - 1150073)	1,50,000.00		75,000.00	
Dr. L. Shangeranesh, Asst. Prof. (Emp. No.- 1160083)	1,50,000.00		-	
Dr. Prasanth G. R., Asst. Prof.(Emp. Code- 1150072)	7,047.00		-	
Dr. Pravati Swain, Asst. Prof. (Emp. Code- 1140064)	1,500.00		-	
Dr. Ragoju Ravi, Asst. Prof. (Emp. No.- 1130024)	15,000.00		-	
Dr.Sarani Ghosal Mondal, Asst. Prof.-Emp - 1130015	72,550.00		-	



Dr. Shivnarayan Patidar, Asst. Prof. (Emp. No.-1150071)	1,38,481.00	-	-	-
Dr. S. Mini, Asst. Prof. (Emp. Code -1140045)	1,000.00	-	-	-
Dr. Soumitra Das, Asst. Prof., Emp. No.-1150074	8,77,775.00	1,50,000.00	-	-
Dr. Trilochan Panigrahi, Asst. Prof. (Emp. No.-1140066)	62,602.00	-	-	-
Dr. Veena Thenkanidiyoor, Asst. Prof. (1130016)	-	15,000.00	-	-
Dr. Veerakumar T., Asst. Prof. - Emp. No.-1130033	1,00,584.00	-	-	-
K. Raj Kumar(3130027)	15,000.00	20,000.00	-	-
Lalit Kumar Jiwani, Asso. Prof.	1,27,000.00	-	-	-
Manjunath S. Koparde(3130030)	39,540.00	50,100.00	-	-
Modi Chirag Navinchandra, Asst Prof. (Emp. No. 1140068)	4,00,000.00	-	-	-
Mrs. Suvidha Naik, Technical Assistant	4,800.00	3,000.00	-	-
Mrs. Swara S. Lotlikar, Steno, Emp. Code -4160079	-	3,000.00	-	-
Munesh Kumar, AL	1,05,000.00	85,000.00	-	-
Namrata A Girap (4130026)	-	27,900.00	-	-
Nijin M., Technician (3140056)	24,563.00	32,000.00	-	-
Nithin Kumar Y. B (1130036)	50,000.00	19,300.00	-	-
Prasanth P., SO	4,06,290.00	1,48,990.00	-	-
Prof. Y. Uday Kumar, Director	24,000.00	-	-	-
P Saidi Reddy(1130009)	15,50,000.00	1,32,000.00	-	-
Purushothama B.R.(1130022)	-	1,20,000.00	-	-
Sreeraj E. S., Asst. Prof (Emp. Code -1140041)	14,000.00	3,000.00	-	-
S. Sudharsan, TA	8,172.00	-	-	-
Suresh Mikkil Asst. Prof.	7,22,300.00	38,759.00	-	-
T. Somasekhara Rao, Asst. Prof.	-	15,000.00	-	-
Vasantha M. H Asst Prof. (1130032)	1,58,644.00	50,200.00	-	-
Velavan Kathirvelu Asst. Prof (1130013)	15,000.00	-	-	-
Venkatareshbabu Kuppili, Asst. Prof. (1140065)	-	86,000.00	-	-
Venkata Raman Gandhi, Tech..	15,000.00	6,000.00	-	-
Vijeesh VP, Technician (Emp Code-3140049)	41,500.00	22,000.00	63,02,584.00	18,15,975.00
Sponsored Project Staff Imprest Advances				
Dr. Pravati Swain, Asst. Prof. Emp. Code-1140064	30,000.00	-	-	-
Dr. Raviprasad K.J- 1130034	11,867.00	-	-	-
Dr. Raviprasad K.J., Asst Prof. (Emp No. -1130034)	-	3,00,000.00	-	-
Dr. Venkatanareshbabu Kuppili, Asst. Prof. (Emp. Code - 1140065)	-	5,00,000.00	-	-
T. Veerakumar, Asst. Prof. (Emp No.-1130033)	90,000.00	-	1,31,867.00	8,00,000.00
Advance to Supplier/Contractor				
Chief Controller of Accounts, Supply Division	-	4,275.00	-	-
Commercial Tax Department Ponda	47,061.00	-	-	-
CPWD, Goa	37,74,477.00	21,32,458.00	-	-
CPWD, Goa (Electrical)	-	1,00,000.00	-	-
Security Deposit of Guest Cum Camp House - Mr. Madan Sadhale	75,000.00	-	-	-
Department of Transport, Govt. of Goa	3,590.00	-	-	-



Fishing Rod LLP	3,56,501.00		-	
Jaideep George Sathe, HR	2,53,253.00		3,75,341.00	
Madan Sadhale	75,000.00		-	
National Insurance Co. Ltd	7,343.00		-	
Maruti Suzuki India Limited - Advance for Ambulance Vehicle	-	45,92,225.00	3,92,177.00	30,04,251.00
Fees/subsription Refunded				
Admission Fee (B Tech)	1,467.00		7,227.00	
Admission Fee (M Tech)	3,739.00		-	
Hostel Rent (B Tech)	7,891.00		21,690.00	
Hostel Rent (M Tech)	17,132.00		-	
M -Tech Other Fees	12,000.00		-	
M-Tech Tution Fees	1,05,000.00	1,47,229.00	-	28,917.00
TOTAL		3,30,80,756.90		3,72,60,317.89

Deposits and Advances

RP Schedule -18

	Current Year	Previous Year
Deposits and Advances Utilised /Refunded		
Alumni Association(NITGAA) (B Tech)	-	14,000.00
Alumni Association(NITGAA) (M Tech)	3,000.00	-
Alumni Association Fees	23,570.00	-
Btech Advance Hostel Fees	29,568.00	23,350.00
B Tech Tution Advance Fees	33,886.00	35,000.00
Group Insurance Scheme (B Tech)	3,73,200.00	3,49,692.00
Group Insurance Scheme (M Tech)	1,14,000.00	1,02,084.00
Group Insurance Scheme (Phd)	43,200.00	18,462.00
Hall Establishment Charges	3,54,472.00	2,78,582.50
Mess Adv.(B Tech)	44,875.00	1,07,360.00
Mess Adv. (M Tech)	98,500.00	-
SAC(Student Activity Centre) Fee (M Tech)	2,925.00	-
DASA Admission Expenses Reimbursement	1,00,000.00	-
C DAC (NaMPET-II)	2,95,000.00	-
DASA Tuition Fees Refundable	1,340.19	-
Department of Atomic Energy - Conference on Computational and Theoretical Partial Differential Equations -Dr. Shangerganesh, Asst. Prof.	2,35,000.00	-
Grant From Govt. of Goa - Rashtriya Avishkar Abhiyan	90,118.00	-
Grant From Media Asia Lab for Digital India Week Event	6,353.00	43,647.00
GIAN-Advance in Privacy Preserving Data Mining-Dr. Chirag Modi	8,16,000.00	-
GIAN-Applied Continnum Mechanics-Dr. Saidi Reddy	8,16,000.00	-
GIAN-Cloud Security& Privacy-Dr. Damodar Reddy	8,16,000.00	-
GIAN-Computational Mathematics & FEM-Dr. Saidi Redy	8,16,000.00	-
GIAN-Computational Nonlinear Optics-Dr. Saidi Reddy P.	8,16,000.00	-
GIAN-Cyber Crime Investigation & Digital Forensics-Dr. Chirag Modi	8,16,000.00	-



GIAN-Low Power Nyquist-Rate Data Converters- Dr. Nithin Kumar Y.B.	4,11,432.00		-	
GIAN-Nanoscale Wireless Networking:Opportunities, Challenges-Dr. Trilochan P	5,44,000.00		-	
GIAN-Non Linear Adaptive Signal Processing-Dr. Badri Narayan S.	4,10,855.00		-	
GIAN-PKI and Trust Management-Dr. Chirag Modi	8,16,000.00		-	
GIAN-Power Electronicsfor Renewable Energy Systems-Dr. Suresh Mikklll	8,16,000.00		-	
Global Intitiative for Academic Networks- Soumitra Das	7,42,823.00		73,177.00	
GIAN Workshop Reg. Fee-Cloud Security & Privacy-Dr. Damodar Reddy Edla	42,000.00		-	
GIAN Workshop REg. Fees "Advancements in Privacy Preserving Data Mining" -Dr. Chirag N. Modi	8,000.00		-	
Short Term Course Registration Fees - "Recent Advances in Alternate Energy Sources & Technology" - Dr.Lalat Indu Giri	10,000.00		-	
Grant Received for Startup Centres-MHRD Science & Engineering Research Board	1,46,499.00		-	
Student Fees Refundable (M-Tech)	2,00,000.00		-	
Convocation Registration Fees	1,42,600.00		-	
Students Hostel Fee Refundable(B.Tech)	-		4,500.00	
Students Hostel Fee Refundable	1,875.00		-	
Students Fee Refundable (B-Tech)	23,350.00		-	
Students Fee Refundable (B-Tech)	7,88,057.00	1,18,48,498.19	2,58,695.00	13,08,549.50
<u>Sponsored Projects Deposits and Advances Utilised /Refunded</u>				
Science & Engineering Research Board Security Deposit Refunded		1,00,000.00		-
<u>Performance Gurantee of Supplier/Contractor</u>				
PG Opal RT Technologies Inc	5,73,895.00		-	
<u>Security Deposit(Contractor)</u>				
SD Accurate Machine Tools	-		16,667.00	
SD Aimil Ltd.	20,000.00		-	
SD Computer Clinic	-		5,500.00	
SD Elegante Interior	-		1,31,500.00	
SD Klaas Marketing Co.	-		11,500.00	
SD KPS Industries	-		3,696.00	
SD MAHADEO NAIK	30,000.00		-	
Sd Mega Networks Pvt. Ltd.	7,000.00		-	
SD Octagon Manufacturing Technology	3,213.00		-	
Sd Raut Scientific & General	-		13,000.00	
SD Ruby Interio	17,500.00		66,500.00	
SD San Instruments	30,000.00		-	
SD Tecnology Excellence Group	30,000.00		-	
Sd Vitronics (India)	-	7,11,608.00	17,000.00	2,65,363.00
<u>Security Deposit(Student)</u>				
B Tech Security Deposit Refundable	2,56,000.00		4,68,000.00	
M-Tech Security Deposit Refundable	1,92,000.00		20,000.00	
PHD Security Deposit Refundable	4,000.00	4,52,000.00	4,000.00	4,92,000.00



TOTAL		1,31,12,106.19		20,65,912.50
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Closing Cash and Bank Balances

RP Schedule -19

	Current Year		Previous Year	
a) Cash in Hand				
Cash		-		-
b) Bank Balances				
In Current Accounts				
Corp. Bank Current A/c No.01/000001		-		3,18,997.00
In deposit accounts				
Fixed Deposit No. KCC/01/150062 Agst Letter of Credit	-		5,73,895.00	
Investment A/c. No. 150147 (CB)	-		2,70,68,874.00	
Investment A/c. No. 150148 (CB)	-		2,76,28,942.00	
Investment A/c. No. 160058 (CB)	6,24,253.00		-	
Investment A/c. No. CLKCC/01/170001/DRSN/01	14,50,00,000.00		-	
Investment A/c. No. CLKCC/01/170001/DRSN/02	5,02,00,000.00		-	
Investment A/c. No. CLKCC/01/170001/DRSN/03	99,20,000.00		-	
Investment A/c. No. CLKCC/01/170001/DRSN/04	6,00,00,000.00		-	
Investment A/c. No. CLKCC/01/170001/DRSN/05	99,30,000.00		-	
Investment A/c. No. KCC/01/160138	2,92,28,471.00		-	
Investment A/c. No. KCC/01/160139	2,98,33,223.00		-	
Investment A/c. No. KCC/01/170012	50,00,000.00		-	
Investment A/c. No. KCC/01/170013	50,00,000.00		-	
Investment A/c. No. KCC/01/170014	50,00,000.00		-	
Investment A/c. No. KCC/01/170015	35,00,000.00		-	
Investment A/c. No. KCC/01/170016	40,00,000.00		-	
Investment A/c. No. KCC/01/170017	50,00,000.00	36,22,35,947.00	-	5,52,71,711.00
In Saving Accounts				
Corp. Bank Growth Fund A/c No.SB/1935	34,02,333.11		1,32,06,555.39	
Corp. Bank Hostel A/c No.SB/1250	14,54,676.50		1,11,52,631.50	
Corp. Bank Mis. A/c No.SB/01/1915	6,70,501.00		5,42,353.00	
Corp. Bank NIT Plan A/c No.SB/000653	1,73,24,092.35		14,18,25,158.44	
Corp. Bank -NITGOARC-SB/01/4333	2,43,101.00		-	
Corp. Bank NIT Plan A/c No.SB/0/4363	7,01,666.00		-	
Corp. Bank NIT Plan A/c No.SB/170001	50,04,111.05		-	
Corporation Bank SB/01/003573	2,66,51,236.53	5,54,51,717.54	87,08,858.03	17,54,35,556.36
TOTAL		41,76,87,664.54		23,10,26,264.36



NATIONAL INSTITUTE OF TECHNOLOGY GOA
PROVIDENT FUND ACCOUNT
BALANCE SHEET AS AT MARCH 31ST MARCH 2017

Amount in Rupees

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year
	GPF			Investment	
-	Opening Balance	-	-	Int. accrued as on 31/03/17	-
-	Less: Subscription for March 2016	-	-	Subscription Due for March ,2017:	-
-		-	-	GPF	-
-	Add: Subscriptions in the year	-	-	CPF	-
-	Add: Subscription for March 2017	-	-	UC due to CPF	-
-	Add: Interest Credited	-	-	NPS-11	-
-	Less: Advance/Withdrawal	-	-		-
-	Closing Balance	-	-	Tax recovered from interest on	-
				Investments Pending refund from	-
				Income Tax Department	-
				Cash at Bank	-
				SBI Branch	-
	CPF				
-	Opening Balance	-	-		-
-	Less: Subscription for March 2016	-	-		-
-		-	-		-
-	Add: Subscriptions in the year	-	-		-
-	Add: Subscription for March 2017	-	-		-
-	Add: Interest Credited	-	-		-
-	Less: Advance/Withdrawal	-	-		-
-	Closing Balance	-	-		-
	University Contribution (CPF)				
-	Opening Balance	-	-		-
-	Less: Contribution for March 16	-	-		-
-	Add: Subscriptions in the year	-	-		-
-	Add: Contribution for March 17	-	-		-
-	Add: Interest Credited	-	-		-
-	Less: Advance/withdrawal	-	-		-
-	Closing Balance	-	-		-
	NPS Tier-II Account				
-	Opening Balance	-	-		-
-	Less: Sub. for March 16	-	-		-
-	Add: Subscriptions in the year	-	-		-
-	Add: Sub for March 17	-	-		-
-	Add: Interest Credited	-	-		-
-	Less: Advance/withdrawal	-	-		-
-	Closing Balance	-	-		-
	Interest Reserve				
-	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

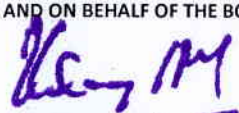
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C A GURUPRASAD NAIK

PARTNER

MEM NO. 136787


 DIRECTOR
National Institute of Technology Goa
Farmagudi, Ponda
Goa: 403 401

PLACE: PONDA,GOA

DATE: 20-05-2017

NATIONAL INSTITUTE OF TECHNOLOGY GOA

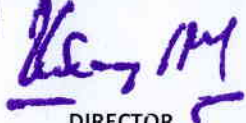
PROVIDENT FUND ACCOUNT

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2017

Amount in Rupees

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
-	<u>Interest Credited to:</u> GPF Account	-	-	<u>Interest earned on Investment</u> Add: Interest accrued on 03/17	-
-	CPF Account	-	-	Add: Tax recovered on Interest - Refund to be obtained	-
-	University Contribution (CPF)	-	-	Less: Interest accrued on March 16	-
-	NPS Tier-II Account	-	-		
-	Excess of Income over Expenditure	-	-	Excess of Expenditure over Income	-
-	Total	-	-	Total	-

FOR AND ON BEHALF OF THE BOARD



DIRECTOR

National Institute of Technology Goa
Farmagudi, Ponda
Goa: 403 401

IN TERMS OF OUR INTERNAL AUDIT REPORT

FOR R.K PIKALE AND ASSOCIATES

FRN: 127641W



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NATIONAL INSTITUTE OF TECHNOLOGY GOA

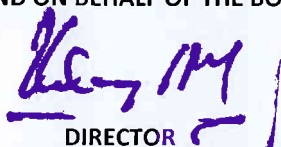
PROVIDENT FUND ACCOUNT

RECEIPTS AND PAYMENTS ACCOUNTS FOR THE FINANCIAL YEAR 2016-17

Amount in Rupees

Receipts	Amount	Payments	Amount
Opening Balance as on 01/04/2016		GPF Adv./Withdrawal	
SBI Branch I	-	CPF Adv./Withdrawal	-
SBI Branch II	-	NPS Tier-11	-
GPF Subscription	-	University Contribution Withdrawal1	-
CPF Subscription	-	Investment during the year	-
CPF University Contribution	-	Closing Balance	
NPS Tier-11 Account	-	SBI Branch I	-
Investment Encashed	-	SBI Branch II	-
Interest Received	-		-
			-
Total	-	Total	-

FOR AND ON BEHALF OF THE BOARD



DIRECTOR

National Institute of Technology Goa
Farmagudi, Ponda
Goa: 403 401

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: 20-05-2017


NATIONAL INSTITUTE OF TECHNOLOGY GOA

NPS TIER- I ACCOUNT

BALANCE SHEET AS AT MARCH 31ST MARCH 2017

Previous Year	Liabilities	Current Year		Previous Year	Assets	Amount in Rupees	
	<u>NPS Tier - I Account</u>				<u>NPS Tier - I Account</u>		
5,63,904.00	Opening Balance	7,09,602.00		7,09,602.00	Subscription and Contribution due for Mar 2017		7,05,416.00
5,63,904.00	Less: Subscription for March 2016	7,09,602.00		-	Investment		-
68,86,278.00	Add: Subscriptions in the year	72,93,710.00		-	Interest Accrued but not due		-
-	Add: Interest Credited	-		-	Balance at Bank		-
68,86,278.00	Less: Transfer to NSDL	72,93,710.00		-			
7,09,602.00	Add: Subscription for March 2017	7,05,416.00	7,05,416.00	-			
7,09,602.00	Excess of Income over Expenditure						
-	Balance as on 01.04.2016			-			
-	Add: During the year			-			
7,09,602.00	TOTAL		7,05,416.00	7,09,602.00	TOTAL		7,05,416.00

FOR AND ON BEHALF OF THE BOARD


 DIRECTOR
National Institute of Technology Goa
Farmagudi, Ponda
Goa: 403 401

IN TERMS OF OUR INTERNAL AUDIT REPORT
FOR R.K PIKALE AND ASSOCIATES

FRN: 127641W

 C A GURUPRASAD WAIKAR
 PARTNER
 MEM NO. 136787

PLACE: PONDA, GOA
DATE: 20-05-2017

NATIONAL INSTITUTE OF TECHNOLOGY GOA

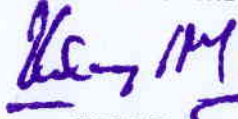
NPS TIER- I ACCOUNT

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2017

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 31/03/16	-
-	Excess of Income over Expenditure	-	-	Interest Accrued but not due	-
-	Total	-	-	Total	-

FOR AND ON BEHALF OF THE BOARD



DIRECTOR

National Institute of Technology Goa
Farmagudi, Ponda
Goa: 403 401

IN TERMS OF OUR INTERNAL AUDIT REPORT

FOR R.K PIKALE AND ASSOCIATES

FRN: 127641W



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MEM NO. 136787

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DATE: 20-05-2017

NATIONAL INSTITUTE OF TECHNOLOGY GOA

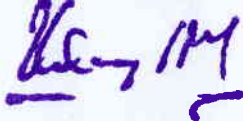
NPS TIER- I ACCOUNT

RECEIPTS AND PAYMENTS ACCOUNTS FOR THE FINANCIAL YEAR 2016-17

Amount in Rupees

Receipts	Amount	Payments	Amount
Opening Balance as on 01/04/2016	7,09,602.00	Investment	-
<u>NPS Tier-1 Account</u>	-	Withdrawal/Refund to NSDL	80,03,312.00
Own Subscription	39,99,563.00		
Institute Contribution	39,99,563.00		
		Closing Balance as on 31/03/2017	7,05,416.00
Interest Received on Investment	-		
Interest on saving bank a/c	-		
Investment Encashed	-		
Total	87,08,728.00	Total	87,08,728.00

FOR AND ON BEHALF OF THE BOARD



DIRECTOR
National Institute of Technology Goa
Farmagudi, Ponda
Goa: 403 401

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: 20-05-2017



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

C-25, AUDIT BHAVAN, BEHIND INCOME TAX BLDG,
BANDRA, KURLA COMPLEX, MUMBAI 400 051.
Telephone: (022) – 2657 17/41/42/36 Ext: 220 ; FAX: 2 657 2451

No.DGA(C)/MUM/C&AB/SAR/NIT GOA/16-17/1272 Dt. 22.11.2017

To
The Director
National Institute of Technology, Goa,
Goa college of Engineering campus,
Farmagudi, Ponda,
Goa - 403401.

**Sub: - Draft Separate Audit Report on the Annual Accounts for the year
2016-17.**

Sir,

I am to enclose herewith the Draft Separate Audit Report along with Annexure on the Annual Accounts of the Institute for the year 2016-17.

I request you to confirm the facts and figures included in the Report **within two weeks** from the date of its receipt. If replies to the Report are not received within the stipulated time, it will be presumed that the Institute has no remarks to offer and the Report will be finalised accordingly. It is requested to furnish the replies along with a soft copy thereof.

Please acknowledge receipt.

Encl: As Above

Yours faithfully,


Dy. Director /C&AB

Draft 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 2017.

Introduction

NIT Goa was established in the year 2010 by an Act of Parliament (NIT Act, 2007). NIT Goa is an autonomous Institute and functioning under the aegis of Ministry of Human Resource Development (MHRD), Govt. of India.

The Institute offers under graduate and post graduate courses in three streams viz., (1) Computer Science and Engineering (2) Electronics and Communication Engineering and (3) Electrical and Electronics Engineering. The Institute also offers Ph.D in all the above three streams besides Ph.D in Mechanical Engineering, Physics, Chemistry, Mathematics, Economics and English.

The Institute admits students into the B.Tech degree program on the basis of ranks obtained in the Joint Entrance Examination JEE (Main) and the scheme of Direct Admission to Students Abroad (DASA) with an intake of 30 students in each branch. For M.Tech Programme, the Institute admits students through valid GATE score followed by CCMT (Centralized Counseling for M.Tech Admissions). Each department is offering 20 seats for the said programme, out of which 18 seats will be filled up through CCMT and the remaining 2 seats are meant for the sponsored candidates.

The audit of financial statements of the National Institute of Technology, Goa for the period 2016-17 was conducted during the period from 02.08.2016 to 23.08.2016.

ii) Audit Mandate

The audit of the accounts of the Institute was conducted under section 19(2) of the Comptroller & Auditor General of India's DPC Act 1971 read with section 22(2) of the National Institute of Technology Act, 2007.

iii) Grants-in-aid:

Out of the grants-in-aid of Rs.3200.77 lakh (including unspent balance of Rs. 882.77 lakh of previous year) the institute could utilize an amount of Rs.1202.40 lakh leaving an unspent balance of Rs.1998.37 lakh as on 31/3/2017.

However, Utilization certificate reflect unspent balance as Rs.1764.47 lakh which does not include advance of Rs. 233.89 lakh to suppliers.

2 Comments on accounts

2.1 Balance Sheet

2.1.1.1 Liabilities

Designated/Earmarked/Endowment .Rs. 68.69 lakh

As per Schedule 2 of the Balance Sheet the Institute has maintained Earmarked Funds viz Institute Development Fund (Rs.62.82 lakh), Hostel Development Fund (Rs.1.28 lakh), Project Faculty & Staff Development fund (Rs.2.51 lakh) and Project Professional Development Fund A/c (Rs.2.51 lakh) (Total Rs. 68.69 lakh). The interest earned on these funds is required to be credited to the respective fund which was not done. The Earmarked Funds are thus understated to the extent of interest earned on the funds, the details of which has not been furnished by the Institute.

2.1.1.2 Earmarked Funds

The institute is in receipt of funds amounting to Rs. 355.79 lakh from various sources for GoI's programme GIAN (Global Initiative of Academic Networks) and an expenditure of Rs. 131.12 lakh was incurred on this account. The Institute should have accounted the same in Balance Sheet under Earmarked Funds. Non-compliance of the same has led to understatement of Earmarked Funds of Rs.224.67 lakh with corresponding understatement of Current Assets, Loans & Advances.

2.1.2 Assets

Fixed Asset – (Rs.88.86 lakh) Sch-4(a)

Assets costing 0.19 lakh is missing and Institute has not written off the same in Accounts. Fixed assets are there by overstated by Rs.0.19 lakh.

3. General

The Institute has received grant of Rs.2024.00 lakh under salary head against which the expenditure incurred was Rs.585.12 lakh only. The huge variation in receipt and expenditure under salary head called for in audit was not furnished by the Institute.

4. Net impact on accounts.

The net impact of comments given in preceding paras is that as on 31 March 2017, there was understatement of liabilities by Rs. 224.67 lakh and over assessment of fixed assets by Rs.0.19 lakh.


Dy. Director/C&AB

Annexure

1.	Adequacy of Internal Audit System. The Internal audit of the Institute was conducted by a Chartered Accountant and was found to be adequate. However, NIT, Goa does not have Internal audit wing .
2.	Adequacy of Internal Control System. Internal controls are found to be adequate.
3.	Physical Verification of Assets. Physical Verification of Assets was conducted for the financial year 2016-17.
4.	System of Physical Verification of Inventory. Physical Verification of Inventory was conducted for the financial year 2016-17.
5.	Regularity in payment of statutory dues. The Institute is regular in payment of statutory dues.


Dy. Director/C&AB



राष्ट्रीय प्रौद्योगिकी संस्थान गोवा
NATIONAL INSTITUTE OF TECHNOLOGY GOA

फर्मागुडी, फोंडा, गोवा - ४०३४०१, इंडिया
Farmagudi, Ponda, Goa - 403 401, India

Website: www.nitgoa.ac.in

Phone/ दूरभाष: 0832-2404206

NITG/CAG IR-Audit/2016-17/ow/830.

Date: 30.11.2017

To
Assistant Audit Officer (C&AB)(HQ)
Office of the Director General of Audit (Central),
C-25, Audit Bhavan, Behind Income Tax Building,
Bandra, Kurla Complex, Mumbai – 400051.

Sub:- Replies to Draft Separate Audit Report on Annual Accounts of National Institute of Technology, Goa for the F.Y-2016-17-reg.

Ref.:DGA (C)/MUM/C&AB/SAR/NIT GOA/16-17/1272, dated 22.11.2017 & email dtd. 22.11.2017

Sir/Madam,

With reference to above mentioned letter, we submit para-wise reply as mentioned in your above reference letter is as below.

2. Comments on accounts

2.1 Balance Sheet

2.1.1.1 Liabilities

Designated/Earmarked/Endowment Rs.68.69 Lakh

As per Schedule 2 of the Balance Sheet the Institute has maintained Earmarked Funds viz Institute Development Fund (Rs.62.82 Lakh), Hostel Development Fund (1.28 Lakh), Project Faculty & Staff Development Fund (Rs.2.51 Lakh) and Project Professional Development Fund A/c. (2.51 Lakh) (Total Rs. 68.69 Lakh). The interest earned on these funds is required to be credited to the respective fund which was not done. The Earmarked Funds are thus understated to the extent of interest earned on the funds, the detail of which has not been furnished by the Institute.

Reply: The above funds are parked in separate fixed deposits and the interest during the year will be allotted to the respective funds in the current F.Y-2017-18. So it is kindly requested to drop the para.

2.1.1.2 Earmarked Funds

The institute is in receipt of funds amounting to Rs. 355.79 Lakh from various sources for Gol's Programme GIAN (Global Initiative of Academic Networks) and an expenditure of Rs. 131.12 Lakh was incurred on this account. The Institute should have accounted the same in the Balancesheet under Earmarked Funds. Non-compliance of the same has led to understatement of Earmarked Funds of Rs. 224.67 lakh with corresponding understatement of Current Assets, Loans & Advances.

Reply: The institute has not received Rs. 355.79 Lakh from Gol's programme GIAN (Global Initiative of Academic Networks), but has received only Rs. 87.04 Lakh during the F.Y-2016-17 and has spent Rs. 78.94 Lakh towards the said programmes and not Rs.131.12 Lakhs. These grants are sanctioned by MHRD generally for 1-2 weeks workshops to be conducted to impart



राष्ट्रीय प्रौद्योगिकी संस्थान गोवा NATIONAL INSTITUTE OF TECHNOLOGY GOA

फर्मागुडी, फोंडा, गोवा - ४०३४०१, इंडिया

Farmagudi, Ponda, Goa - 403 401, India

Website: www.nitgoa.ac.in

Phone/ दूरभाष: 0832-2404206

knowledge to participants/students. Any unutilized balance available after incurring the expenses for programme is refunded back to MHRD. NIT Goa has depicted the balance of the unutilized grants as on 31.03.2017 which is to be refunded back to MHRD under Schedule 3 – Current liabilities ((f) other Funds) and the same is refunded back to MHRD in the F.Y-2017-18. The copy of amount refunded back to agencies acknowledged by bank is attached for your record. These grants are received and spent within a span of one year itself and they cannot be treated as long term grants/funds so that they can be disclose the under earmarked funds and hence they are disclosed under current liabilities as in case of Plan Grants received from MHRD. Also we have considered disclosure view of other NITs for the same and treated accordingly (page of Schedule -3 Current Liabilities of Annual Accounts of NIT Surathkal for F.Y-2015-16 is attached). Generally Earmarked funds are long term funds like House Building Advance Fund, Conveyance Fund, etc (Page No.46 & 47 of Common Format of Accounts attached). Further the grants received from different agencies towards workshop/programmes cannot be taken in Income & Expenditure Account under Schedule -10 – Grants and Donations received because only irrevocable Grants and Donations received can be taken as per Schedule -10(as per Page No.87 of Common Format of Accounts applicable to CFTIs attached). The above grants are revocable, as the balance of unutilized grants is refunded back to the funding agency after conducting the workshop/programme and also the same is clearly mentioned in the Utilization Certificate of IIT Kharagpur(Utilization Certificate of IIT Kharagpur format is annexed for your ready reference).

2.1.2 Assets

Fixed Asset – (Rs. 88.86 lakh) Sch-4(a)

Assets costing 0.19 lakh are missing and Institute has not written off the same in Accounts. Fixed Assets are there by overstated by Rs. 0.19 lakh.

Reply: The Fixed Assets were not found during the Physical Verification conducted during the F.Y-2016-17. The Gross value of fixed Assets amount to Rs.0.19 lakh and will be taken up for write off as one of the items of agenda in the upcoming board meeting which is scheduled to be held in month of December'2017.

3. General

The Institute has received grant of Rs. 2024.00 lakh under salary head against which the expenditure incurred was Rs. 585.12 lakh only. The huge variation in receipt and expenditure under salary head called for in audit was not furnished by the Institute.

Reply: NIT Goa has already furnished the reasons regarding variation in receipt and expenditure under salary head vide its letter & email dtd. 20.11.2017(copy of email & letter dtd. 20.11.2017 attached).As regards variation in receipt and expenditure under Salary head-36 it can be seen from the Schedule No. 23 – Significant Accounting Policies (Point No. 9.6) that there was carried forward balance of excess revenue expenditure incurred of Rs.901.72 Lakhs at the opening of the F.Y-2016-17. So MHRD has considered the fact of excess expenditure and has sanctioned the amount of Rs.2024/- lakh under salary head in the F.Y-2016-17 to make good for the deficit. So it appears huge variation in receipt and expenditure under the salary head -36.

4. Net impact on accounts.



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Website: www.nitgoa.ac.in

Phone/ दुरभाष: 0832-2404206

The net impact of comments given in preceding paras is that as on 31st March 2017, there was understatement of liabilities by Rs. 224.67 lakh and over assessment of fixed assets by Rs. 0.19 lakh.

Reply: Considering the above facts and figures it is requested to drop the audit paras.

Annexure

1. Adequacy of Internal Audit System.

The Internal Audit of the Institute was conducted by a Chartered Accountant and was found to be adequate. However, NIT Goa does not have Internal audit wing.

Reply: NIT Goa is currently located in transit campus of Goa College of Engineering, Farmagudi, Ponda, Goa. NIT Goa has been recently handed over the land for its permanent campus at Balli, Cuncolim on 15.07.2017. At present NIT Goa has hired independent practicing Chartered Accountant firm to conduct the audit and to check the adequacy of internal controls in place at NIT Goa. The Internal Audit wing will be setup with the required staff for the department in due course. So it is requested to drop the para.

Registrar(I/c.)

फारमगुडी-गोवा (1328)
गोवा कॉलेज ऑफ इंजिनीअरींग,
एससी-04, एससी-10,
न्यू शॉपिंग कॉम्प्लेक्स, फारमगुडी - 403 401.
तालुका - पोंडा, नॉर्थ गोवा.



कार्पोरेशन बँक
Corporation Bank

कार्पोरेशन बँक का प्रमुख बँक A Premier Public Sector Bank

Farmagudi (1328)
Goa College of Engineering,
SC-04, SC-10, New Shopping Complex,
Farmagudi - 403401,
Taluka - Ponda, North Goa.

Sl No.	Amount	Date / Ref. No.	Name.
1	7668	08.06.17/000004356351	CIAN IIT Kharagpu
2.	154114	10.2.17/1328061021700010	CIAN IIT Kharagpu
3.	21993.	01.3.17/1328060131700054	CIAN IIT Kharagpur.
4.		13.4.17/132806134170007	CIAN IIT Kharagpu.
5		22.12.16/1328061221600011	" "
6.		10.2.17/1328061021700005	" "
7		10.2.17/1328061021700009.	" "
8		5.5.17/CORPH17125517294	" "
9		10.2.17/1328061021700008.	" "
10		5.5.17/CORPH17125516889	" "
		10.2.17/1328061021700007.	" "
		10.2.17/1328061021700006.	" "
		24.10.17/corph22017102400559.	" "
		1.8.16/1328060181600047	" "
	 11/1328061241600010	Media Lab Alia NEAD.
		25	



SCH. NOs.	(AMOUNT ₹)	CURRENT YEAR	PREVIOUS YEAR
3 CURRENT LIABILITIES AND PROVISIONS:			
A. CURRENT LIABILITIES:			
1 Deposits from Staff & Lease		13,57,224	13,30,243
2 Deposits from Students		2,39,65,495	2,34,18,642
3 Sundry Creditors - Others			
Student Activity Council			
a) Liability for Expenses	5,97,360		7,09,674
DASA			
a) Liability towards Admission Fee and Deposit	-		17,08,373
NITK CORPUS FUND			
a) Liability towards Security Deposit - Firms	12,584		
b) DASA Admission Fee Payable	17,07,025	23,16,969	18,859
4 Deposit - Others		11,64,07,367	10,16,01,636
5 Statutory Liabilities			
a) Overdue		-	-
b) Others		-	-
6 Other Current Liabilities			
Bills Payable	20,84,48,969		18,50,74,718
Salary Deductions	16,51,848		25,78,061
Student Prize Fund	48,91,166		48,41,166
Student Prize Fund-Interest Account	16,47,776		16,25,834
DST Fellowship Grant	-		-
Other Research Schemes:	8,95,41,578		9,00,00,187
SC/ST Student Fee Refundable	16,85,000		26,72,500
SC/ST Scholarship Grant	12,64,494		19,43,854
Workshop/Seminar Grant	16,32,000	31,07,62,831	-
TOTAL (A)		45,48,09,886	41,75,23,748

5. **STOCKS:** Expenditure on purchase of chemicals, glassware, publications and other stores is accounted as revenue expenditure, except that the value of closing stocks held on 31st March is set up as inventories by reducing the corresponding Revenue Expenditure on the basis of information obtained from Departments. They are valued at cost.

6. **RETIREMENT BENEFITS**

Retirement benefits i.e., pension, gratuity and leave encashment are provided on the basis of actuarial valuation. Capitalized Value of pension and gratuity received from previous employers of the Institution's employees, who have been absorbed in the Institution, is credited to the respective Provision Accounts. Pension contribution received in respect of employees on deputation is also credited to the Provision for Pension Account. 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 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 FUND was established in (year). Matching contribution from University Grants Commission, 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 fund.

Income from investments of the fund is added to the Fund. The Corpus Fund is utilized for both Revenue and Capital expenditure based on the guidelines by the University Grants Commission and the Executive council of the Institution from time to time. The assets created out of the Corpus Fund are merged with the assets of the Institution by crediting an equal amount to the Capital Fund. The balance in the Corpus Fund which is carried forward is represented by the balance in a separate Bank account, investment in RBI Bonds and Fixed Deposits with the Bank and Accrued interest on investments.

8.2 A. D Fund

This fund was established on 1st February 2006. The fund is to be utilized for some of the innovative Programmes, and for sustenance of its research and such other development activities as laid down by the Executive Council from time to time.

8.3 House Building Advances Fund

A revolving fund for the purpose of paying interest bearing advances to the officers & staff for House Building.

8.4 JRF/SRF Fund

Fund provided by the UGC/Government for the purpose of paying Fellowships to Junior/ Senior Research Fellows.

8.5 Conveyance Fund (including Computer advances)

A revolving fund for the purpose of paying interest bearing advances to officers & staff for the purchase of motor cars, two wheelers and computers.

8.6 Rajiv Gandhi National Fellowship Fund

Fund provided by University Grants Commission for fellowship to SC/ST Students of the University.

SCHEDULE 10 – GRANTS AND DONATIONS:

(Irrevocable Grants & Donations Received)

- 1) Central Government
Grants or other similar assistance received for the general purpose and objectives of the Entity, on an irrevocable basis, or to cover expenditure incurred in prior periods, shall be included in this schedule.
- 2) State Government(s)
These grants etc. are without any conditions attached as to their utilization and are of the nature of non-refundable amounts which are to be appropriated to income.
- 3) Government Agencies
- 4) Central Educational Institutions generally get grants under Plan and Non Plan heads. The grants under Plan may be general and/or for specific schemes (e.g. construction of Science Centre, Auditorium etc). Plan grants may be for Capital as well as Revenue expenditure. Non – Plan grants are generally for meeting the deficit on Revenue Account, based on the Annual Budget of the Institution in which the estimated Revenue expenditure, as well as the estimated Internal Generation of Resources are Projected. The Non – Plan grant takes into account both the Revenue expenditure and internal generation of resources projected in the Budget and the deficit. In such institutions the internal generation of Resources is far less than the revenue expenditure. This is the reason why the term grants/subsidies is used, as the grant subsidises the deficit. Educational Institutions where the Internal generation of Resources is more than the estimated Revenue expenditure, do not get Non – Plan grants.
- 5) The Schedule includes a detailed disclosure of the opening balances (Plan and Non Plan separately), the receipts during the year, refunds, if any, the amounts utilized for capital expenditure, the amounts utilized for Revenue expenditure and the unutilized balances at the end of the year.
- 6) While finalizing the accounts of the financial year;
 - a) A three way agreement of capital expenditure met out of grants between the figure in the Capital Fund, the figure in the Grants Schedule and the figure in the Fixed Assets schedule (Additions during the year pertaining to assets acquired out of grant funds), should be ensured. The Capital expenditure during the year will include the net capital works in progress (i.e., Additions during the year minus completed Capital Works in Progress transferred to assets during the year)

IIT Kharagpur Utilization Certificate format.

Name of The Institute

Utilization Certificate under GFR 19-A , Rule 212(1) for GIAN Programme

Sl No	Letter No & Date	Amount (Rs.)
TOTAL		

1. Certified that out of Rs..... of Grant-in-Aid sanctioned for the GIAN programme in favour of (Name of the Institute) under MHRD/IIT, Kharagpur sanction vide letter Number given in the above, a sum of Rs. has been utilized for the purpose of GIAN Course for which it was sanctioned and that the balance of Rs..... remaining unutilized at the end of the course has been surrendered to Bank Account - GIAN IIT KHARAGPUR , Number. 35639268920 (IFSC Code. SBIN000202) vide UTR No..... dated.....

2. Certified that I have satisfied myself that the conditions on which the Grant-in-Aid was sanctioned have been duly fulfilled and that I have exercised the checks to see that the money was actually utilized for the purpose for which it was sanctioned.

3. Statement of Expenditure and Auditors Certificate are enclosed

Prepared by:

Signature :

Signature.....

Name of PI of GIAN:.....

Name.....

Designation with Seal:

Designation with Seal:

Date:

(F.O./ A.O/ Equivalent officer in
Finance & Account Department)

Date:

Kinds of checks exercised

1. Ledgers.
2. Receipts and Payments Account.

Enclo: As stated above



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Farmagudl, Ponda, Goa - 403 401, India

Phone/ दुरभाष: 0832-2404206

NITGOA/F&A/2017-18/ow/801.

Dated: 20.11.2017

To.
The Sr. Audit Officer/C&AB(HQ)
Office of the Principal Director General of Audit (Central)
Indian Audit & Accounts Department
C-25, Audit Bhavan, Behind Income Tax Bldg.
Bandra, Kurla Complex, Mumbai 400 051

Sub: 1) Receipt and Utilization of Grant received.
2) Disclosure in respect of grants received from MHRD for Global Initiative of Academic Networks.

Ref: Your email dtd. 16th November 2017 & 17th November 2017.

Dear Sir/Madam,

With reference to above, the information requested is as below:

Question 1 - The Institute has incurred excess revenue expenditure of Rs. 256.96 lakh (under general head) which has been adjusted against grant received under Capital/Salary Head. Further the Institute has received grant of Rs.2024.00 lakh under salary head against which the expenditure incurred was Rs.585.12 lakh only. The huge variation in receipt and expenditure may please be explained.

Reply: The expenses incurred over and above the Grant Head (General -31) are incurred from the internally generated revenue of the Institute. However the excess expenditure is disclosed as negative under General Head - 31 so as to be considered by MHRD while sanctioning of future grants. Also the same has been disclosed in Schedule No. 23 – Significant Accounting Policies (Point No. 9.6) (Note No. 1). Also the excess amount under General Head-31 is depicted in Utilization Certificate for the F.Y-2016-17(copy attached) sent to MHRD so as to consider the same will sanction of future grants. Also the fact of excess balance under General head-31 is considered by MHRD this year and already MHRD has sanctioned grants of Rs.1,200 Lakh under the General Head-31 for F.Y-2017-18 till 17.11.2017. The fact that the excess revenue expenditure of Rs. 256.96 Lakh under General Head -31 is not adjusted against grant received under Capital/Salary Head can be noticed from the balance lying in Fixed Deposits to the tune of Rs.3,622.36 Lakh as on 31.03.2017 (as per Schedule 7) which includes the balance of Capital Grant Head -35 Rs. 1,717.87 Lakh and Salaries Head -36 Rs.537.47 Lakh.

As regards variation in receipt and expenditure under Salary head-36 it can be seen from the Schedule No. 23 – Significant Accounting Policies (Point No. 9.6) that there was carried forward balance of excess revenue expenditure incurred of Rs.901.72 Lakhs at the opening of the F.Y-2016-17. So MHRD has considered the fact of excess expenditure and has sanctioned the amount of Rs.2024.00 lakh under salary head in the F.Y-2016-17 to make good for the deficit. So it appears huge variation in receipt and expenditure under the salary head -36.

Question 2 - The institute is in receipt of funds amounting to Rs. 355.79 lakh from various sources for Gol's programme GIAN (Global Initiative of Academic Networks) and an expenditure of Rs. 131.12 lakh was incurred on this account. The Institute should have accounted the same in Balance Sheet under



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Farmagudi, Ponda, Goa - 403 401, India

Phone/ दुरभाष: 0832-2404206

Earmarked Funds and non-compliance of the same has lead to understatement of earmarked funds of Rs.224.67 lakh with consequent understatement of Current Assets, Loans & Advances.

Reply: The institute has not received Rs. 355.79 Lakh from Gol's programme GIAN (Global Initiative of Academic Networks), but has received only Rs. 87.04 Lakh during the F.Y-2016-17 and has spent Rs. 78.94 Lakh towards the said programmes and not Rs.131.12 Lakhs. These grants are sanctioned by MHRD generally for 1-2 weeks workshops to be conducted to impart knowledge to participants/students. Any unutilized balance available after incurring the expenses for programme is refunded back to MHRD. NIT Goa has depicted the balance of the unutilized grants as on 31.03.2017 which is to be refunded back to MHRD under Schedule 3 – Current liabilities ((f) other Funds) and the same is refunded back to MHRD in the F.Y-2017-18. These grants are received and spent within a span of one year itself and they cannot be treated as long term grants/funds so that they can be disclose the under earmarked funds and hence they are disclosed under current liabilities as in case of Plan Grants received from MHRD. Also we have considered disclosure view of other NITs for the same and treated accordingly (page of Schedule -3 Current Liabilities of Annual Accounts of NIT Surathkal for F.Y-2015-16 is attached). Generally Earmarked funds are long term funds like House Building Advance Fund, Conveyance Fund,etc (Page No.46 & 47 of Common Format of Accounts attached).

Registrar(I/c)

National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401



Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>

Fwd:

5 messages

Dr.Vasantha M.H. Registrar(I/C) <registrar@nitgoa.ac.in>

Fri, Nov 17, 2017 at 11:49 AM

To: Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>, Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>

----- Forwarded message -----

From: "dgacab" <dgacab@gmail.com>

Date: 17-Nov-2017 11:16 am

Subject:

To: "Dr.Vasantha M.H. Registrar(I/C)" <registrar@nitgoa.ac.in>

Cc:

Madam,

The institute is in receipt of funds amounting to Rs. 355.79 lakh from various sources for GoI's programme GIAN (Global Initiative of Academic Networks) and an expenditure of Rs. 131.12 lakh was incurred on this account. The Institute should have accounted the same in Balance Sheet under Earmarked Funds and non compliance of the same has lead to understatement of earmarked funds of Rs.224.67 lakh with consequent understatement of Current Assets, Loans & Advances

--
Sr.AO/C&AB (HQ)

Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>

Fri, Nov 17, 2017 at 12:15 PM

To: Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>

With Regards

Anilkumar S. Mistri.
Superintendent I/c (F&A)
NIT. Goa

----- Forwarded message -----

From: **Dr.Vasantha M.H. Registrar(I/C)** <registrar@nitgoa.ac.in>

Date: Fri, Nov 17, 2017 at 11:49 AM

Subject: Fwd:

To: Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>, Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>

----- Forwarded message -----

From: "dgacab" <dgacab@gmail.com>

Date: 17-Nov-2017 11:16 am

Subject:

To: "Dr.Vasantha M.H. Registrar(I/C)" <registrar@nitgoa.ac.in>

Cc:

Madam,

The institute is in receipt of funds amounting to Rs. 355.79 lakh from various sources for GoI's programme GIAN (Global Initiative of Academic Networks) and an expenditure of Rs. 131.12 lakh was incurred on this account. The Institute should have accounted the same in Balance Sheet under Earmarked Funds and non compliance of the same has lead to understatement of earmarked funds of Rs.224.67 lakh with consequent understatement of Current Assets, Loans & Advances

--

Sr.AO/C&AB (HQ)



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Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>

Mon, Nov 20, 2017 at 4:38 PM

To: dgacab@gmail.com

Cc: Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>, "Dr.Vasantha M.H." <registrar@nitgoa.ac.in>

Dear Sir

Please find require details as per your mail.



Virus-free. www.avast.com

With Regards

Anilkumar S. Mistri.
Superintendent I/c (F&A)
NIT. Goa

On Fri, Nov 17, 2017 at 12:15 PM, Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in> wrote:

With Regards

Anilkumar S. Mistri.
Superintendent I/c (F&A)
NIT. Goa

----- Forwarded message -----

From: **Dr.Vasantha M.H. Registrar(I/C)** <registrar@nitgoa.ac.in>

Date: Fri, Nov 17, 2017 at 11:49 AM

Subject: Fwd:

To: Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>, Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>

----- Forwarded message -----

From: "dgacab" <dgacab@gmail.com>

Date: 17-Nov-2017 11:16 am

Subject:

To: "Dr.Vasantha M.H. Registrar(I/C)" <registrar@nitgoa.ac.in>

Cc:

Madam,

The institute is in receipt of funds amounting to Rs. 355.79 lakh from various sources for GoI's programme GIAN (Global Initiative of Academic Networks) and an expenditure of Rs. 131.12 lakh was incurred on this account. The Institute should have accounted the same in Balance Sheet under Earmarked Funds and non compliance of the same has lead to understatement of earmarked funds of Rs.224.67 lakh with consequent understatement of Current Assets, Loans & Advances

--
Sr.AO/C&AB (HQ)



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Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>
To: Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>

Tue, Nov 21, 2017 at 2:09 PM

With Regards

Anilkumar S. Mistri.
Superintendent I/c (F&A)
NIT. Goa

----- Forwarded message -----

From: **dgacab** <dgacab@gmail.com>
Date: Tue, Nov 21, 2017 at 12:52 PM
Subject: Re:
To: Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>

Sir,
In response to the above mail the following further remarks are offered for perusal and examination from your end.
It is observed from Receipt and Payment Account (RP-9) that the Institute has received funds towards **GIAN** from GoI as well as from other agencies. Since these funds are received for specified purpose these are required to be booked in the Accounts. If these are not treated as Earmarked Funds the same is required to be accounted in Income & expenditure Account. Further the total funds received from GoI as well as other agencies and the details viz. the date on which it was **refunded** to MHRD/ other agencies along with supporting documents may be intimated to audit at the earliest.

Thanks, regards

Sr.AO/ C&AB

On Mon, Nov 20, 2017 at 4:38 PM, Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in> wrote:
Dear Sir

Please find require details as per your mail.



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AAO/C&AB (HQ)

Anilkumar Shersinh Mistri <anilmistri@nitgoa.ac.in>

Fri, Nov 24, 2017 at 10:47 AM

To: dgacab@gmail.com

Cc: Digamber Mayekar <digamber.mayekar@nitgoa.ac.in>, "Dr.Vasantha M.H." <registrar@nitgoa.ac.in>

Dear Sir

Please find attached information required by you.



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With Regards

Anilkumar S. Mistri.
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NIT. Goa

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AAO/C&AB (HQ)



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