

For the Year April 2022 to March 2023

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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 Education (MoE), 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 Joint Entrance Examination (JEE Main) with an intake of 38 students in each branch and the scheme of Direct Admission of Students Abroad (DASA). Forty present (40%) of the seats are reserved for the students of Goa, Ten present (10%) for 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.

* It further strives for excellence, through dissemination, generation and application of knowledge by laying stress on interdisciplinary approach in all the branches of basic Science, Engineering, Technology, Humanities and Social Science with an emphasis on human values and ethics.

1.3 Education

B.Tech

Structure of B.Tech. Programme

The medium of instruction, examination and project reports are done in English.

• Undergraduate (B.Tech Degree) programmes are offered in the following disciplines by the respective Departments.

i) Computer Science and Engineering (CSE)
ii) Electrical and Electronics Engineering (EEE)iii) Electronics and Communication Engineering (ECE)
iv) Civil Engineering (CVE)
v) Mechanical Engineering (MCE)

• Other supporting departments are: Applied Sciences (Appl. Sci.)

- Mathematics (MA)
- Physics (PY)
- Chemistry (CY)



Humanities & Social Sciences (HSS)

- Economics (HSS)
- English (HU)

• The programme structure consists of the following:

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 courses of interest

iv) Professional practice including project, seminar and industrial training/internship and,

v) Courses on Environmental Studies (ES), Physical Education (Phy.Ed.) and Value Education (VE)

• Every branch of the B. Tech. programme will have a curriculum and syllabi 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 are available in the 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), namely-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 normally be offered from the sixth semester 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 the 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 5 credits of course work done under the Pass/Fail option are not counted towards the calculation of Cumulative Grade Point Average (CGPA)).



Table 1: Course classifications

S1.	Classifications	Minimu	m Credits	Remarks
No.		For CGPA	For	
			Pass/Fail	
1	Basic Sciences (BS)	27	0	MA→14,PH→8,CY→
				5
2	Basic Engineering Sciences (ES)	14	0	$EM \rightarrow 3, ME \rightarrow 2,$
				$EL \rightarrow 5,$
				CPPS→4
3	Humanities & Languages (HL)	9	0	$PC \rightarrow 3, ECO \rightarrow 6$
4	Technical Arts (TA)	5	0	$ED \rightarrow 3, WP \rightarrow 2$
5	Professional Theory & Practice (PT) (Core, Electives (including MOOCs or any other Approved by Institute), Project, Seminar)	110	0	PT
6	Others (Environmental Studies, Physical Education, Value Education) (OT)	-	5	$\begin{array}{c} \text{ES} \rightarrow 3, \text{Phy. Ed} \rightarrow 1 \\ \text{VE} \rightarrow 1 \end{array}$
	Total Credit	165	5	

REGISTRATION

• Except for the first semester, Course registration is mandatory for all other semesters and enrollment will be done in the beginning of the semester as per the schedule announced by the AAC.

• A student will be eligible to enroll for higher semester only if he/she satisfies the clause (A student who has cleared all the academic requirements upto the previous semester will register for all courses of the current semester as per Institute norms), and additionally;

i) If he/she has cleared all dues in the Institute, Hostel and Library upto the end of the previous semester and

ii) If he/she is not debarred from enrolment by a disciplinary action of the Institute.

• Students are required to submit Course registration form duly filled in, in consultation with his/her faculty adviser.



M.Tech

Structure of M.Tech Programme

• The medium of instruction, examination and project reports will be in English.

• Postgraduate (M.Tech Degree) programmes are offered in the following disciplines by the respective programme hosting Departments.

i) Master of Technology in "Computer Science and Engineering" (M.Tech. (CSE)) by the Department of Computer Science and Engineering (CSE)

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).

Other teaching departments, Humanities and Sciences (HSS) shall offer courses for these three different programmes.

• Each programme of instruction consists of the following:

i) An engineering "Programme Core" introduces the students to the state of the art in engineering in the respective branch.

ii) A "Programme Elective" gives opportunities to the students to opt for a set of specialized courses.

iii) A "Professional Practice", includes independent study, seminar, comprehensive-viva and technical communication, etc.

iv) A "Dissertation Work" on specialized 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 by the Senate. Every department has a prescribed course structure which in general terms is known as "Curriculum" or "Courses of Study". It prescribes courses to be studied in the programme in each of the semesters as well as credits earned. The courses of study bulletin are available in the 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 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 complete programme will consist of 4 categories (as given in the Table 2): Core, Electives, Dissertation work and Professional Practices distributed over four semesters with two semesters per academic year.

• The curriculum of any branch of the M. Tech. programmes shall have a total of minimum 64 credits. Minimum credits or each of the categories are specified in Table 2, which has to be earned by students for the award of M.Tech. Degree.

Table 2 : Every course of the M. Tech. programme will be placed in one of the 4 categories as listed in

S1.	Category	Minimum Credits	Remarks
No.			
1	Program Core		The distribution in Core and
2	Program Electives	20	Electives is specific to each
	(including MOOCs or any other	30	department.
	Approved by Institute)		
3	Seminar, Viva Voce and communication skills	4	The course on "Communication Skills and Technical Writing" is compulsory and it is an "Audit" course
4	Dissertation Work	22	
Total Credit		64	

Academically well performing students, with CGPA > 8.0, who never had any backlogs, will only be able to register for additional subjects, within the prescribed 2 years duration. It is to be noted that in the final CGPA calculation, all the credited subjects will be included.

Registration & Enrolment

Students are allowed to pre-register for the elective courses to facilitate the selection of suitable electives from the set of electives that the respective department is ready to offer in the ensuing semester.

For all the admitted students, registration is mandatory for all the semesters and enrolment will be done in the beginning of the semester as per the schedule announced by the AAC.

A student will be eligible for enrolment only if he/she satisfies the clause (If at the end of the first two semesters of the normal academic programme, if a student has earned less than 26 credits and has a CGPA of less than 5.5, then his enrolment will be terminated), and additionally if

(i) he/she has cleared all dues in the Institute, Hostel and 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.



2.0 AN OVERVIEW

2.1 Historical Background

NIT GOA is one of the ten newly set up NITs during the 11th Five Year Plan by the Ministry of Education (MoE). The institute was to be set up using Rs. 250 crore provided by the 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, and 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.

On July 2017 state Govt. handed-over the land measuring 120 Acres identified for the permanent campus of NIT Goa.





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 in the following departments:

- Computer Science and Engineering
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Mechanical Engineering
- Civil Engineering
- The institute is offering M.Tech program in the following departments:
- Computer Science and Engineering
- VLSI
- Power Electronics and Power Systems
- 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 Social Sciences
- Applied Sciences



2.6 Courses Offered

Undergraduate Courses (B. Tech):

Branch	Current Year	Year Started
	Intake	in
Computer Science and Engineering	38	2022-2023
Electrical and Electronics Engineering	38	2022-2023
Electronics and Communication Engineering	38	2022-2023
Mechanical Engineering	37	2022-2023
Civil Engineering	37	2022-2023

Postgraduate Courses (M. Tech):

Branch	Current Year Intake	Year Started in
Computer Science and Engineering	23	2022-2023
Power Electronics and Power Systems (PEPS)	23	2022-2023
VLSI	22	2022-2023

Courses Offered Doctorate Courses (Ph.D.):

Branch	Current Year	Year Started
	Intake	in
	FT+PT	
Computer Science and Engineering	9	2022-2023
Electrical and Electronics Engineering.	7	2022-2023
Electronics and Communication Engineering	3	2022-2023
Applied Sciences	9	2022-2023
Mechanical Engineering	3	2022-2023
Humanities and Sciences	5	2022-2023

2.7 Admission Procedure

B.Tech.

• Admission to all courses is made in the ODD semester of an academic year at the first year based on relative performance in Joint Entrance Examination (JEE Main), and Direct Admission of Students Abroad (DASA) as per the guidelines issued by the Ministry of Education (MoE), 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 MoE, Government of India. Reservation of seats to different states, castes, tribes and other categories shall be as per the directives from MoE, Government of India. Some seats are allotted by MOE under DASA (Direct Admission Student



Abroad) category, offered to Foreign Nationals and Indians living abroad in accordance with the rules applicable for such admissions issued from time to time by MoE.

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

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

• The selected candidates will be admitted to the B. Tech. programme after he/she fulfills 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 Chairperson 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 (AAC) may revoke the admission of the candidate and report the matter to the Senate

M. Tech.

Admission all is made the ODD to courses in semester of an academic year at the first year level based on relative performance in Engineering Graduate Aptitude Test for (GATE) in relevant discipline as per guidelines issued by the Ministry of Education (MoE), 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 MoE, Government of India. Reservation of seats is made as per the directives from MoE.

• 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 fulfill the medical standards required for admission as per rules set up by the Institute or guidelines issued by the Ministry of Education (MoE) from time to time.

• The selected candidates will be admitted to the M. Tech. programme after the due 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 Chairperson 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. degrees in: Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Humanities and Social Sciences (HSS) and Applied Sciences (APS).

Categories of Ph.D. Candidates

• The Assistantship/Fellowships will be payable for duration fixed by the Ministry of Education (MoE) (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:

- a. Full time research scholar on Institute fellowship (FT)
- b. Teaching Assistant (TA)
- c. Teaching Assistant through Project (TAP)
- d. Industry Fellowships (IF)
- e. Govt. / Semi Govt. Fellowship Awardees (FA) (CSIR, UGC, DOE, DST, DBT,
- NBHM, ISEAP etc.)
- f. Sponsored candidates (SP)
- g. Self-Financed (Indian / Foreign) / Study Leave (SF)
- h. Indian Council for Cultural Relations Award (ICCR) (Foreign Nationals)
- (The candidate should have qualified GATE/NET examination for scholarship)

Advertisement for Ph.D. programmes is issued in the month of March (for July session) and October (for December-January session) each year in the employment news, website of the Institute 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 issuance of admission offers by the Institute/ Department. Admission is subject to vacancy being available in the relevant specializations.2.8 STUDENTS

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	31	10	41
2.	EEE	28	10	38
3.	ECE	30	7	37
4.	MCE	28	6	34
5.	CVE	29	5	34
	Total	146	38	184

• Number of Candidates admitted into First year B. Tech during 2022-23



07 Students admitted under DASA Scheme

184 students were admitted into first year B. Tech Courses during 2022-23

• Number of Candidates admitted into First year M. Tech during 2022-23

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	05	04	09
2.	EEE	02	03	05
3.	ECE	03	15	18
	Total	10	22	32

• Number of Candidates admitted into First year P.h.D during 2022-23

Sl. No.	Branch	Boys	Girls	Total
1.	CSE	2	7	9
2.	EEE	7	0	7
3.	ECE	2	1	3
4.	MCE	1	2	3
5.	APS	5	4	9
6.	HSS	2	3	5
	Total	19	17	36

2.9 Examination & Evaluation

B.Tech.

Internal Evaluation

• For lecture or lecture cum practical courses, two tests will be conducted. The details of weights 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 practicals, the teacher of the laboratory in consultation with the DCC decides the number of tests.

• For all Lectures based courses, mid-term exam (25%) and internal evaluation (25%) through class tests/assignments/quizzes, etc., together carry 50% weight and the End-term examination carries 50% weight. For laboratory practicals, the End-term exam is not mandatory. If the 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 all Pass/Fail courses, the concerned faculty, 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 for each lecture based or lecture cum practical course. There will be one End-term examination of three hours duration on each lecture based or lecture cum practical course

Make up examination

• Students who miss the mid-term or the end-term examinations for valid reasons are eligible for a make-up examination.

• Those who miss mid-term and/or end-term exam should apply to the Head of the concerned course department (in the case of third and higher semesters) or to the HoD, APS & HSS (in the case of first/second semester) through the faculty advisor within five days after the missed exam, giving the reasons for absence. Applications received after this period will not be entertained. All make-up exams for mid-term tests should be completed with evaluation within 10 days prior to the end-term exam. All the make-up exams pertaining to the end-term exam should be conducted and evaluated before the commencement of the next semester.

• Permission to appear for make-up exam will be given under exceptional circumstances such as admission to a hospital due to illness or grave family calamities, etc. Students residing in the Hostels should produce a Medical Certificate issued by Institute Medical Officer (IMO), certifying that he/she was admitted to hospital during the period of exam. The application should be routed through and approved 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 IMO, within five days.

• A student who misses the make-up exam will not be given the another chance make-up exam. However, in exceptional cases of prolonged illness resulting in the student missing a make-up exam, the Chairperson of the Senate may permit the student to appear for a second make-up exam.

Project Evaluation

The B.Tech. Project is done in the final year of the undergraduate programme and is divided into two stages. Normally, the first stage is done in ODD semester and the second stage in subsequent EVEN semesters. Through the project work, the student has to exhibit both the analytical and practical skills. On completion of the project, the student will submit a project report that will be evaluated by duly appointed examiners. A panel of examiners should be finalized by HoD in consultation with all faculty members of the concerned department. The project evaluation will be based on combining the reports of internal and external examiners (outside the department). Suitable weights must be given to the qualitative and quantitative results of the project and are 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
А	9
В	8
С	7
D	6
Р	5
F	0 (Failure)
W	0 (Failure due to insufficient attendance)
Ι	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, etc. (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 weight age 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.

Examination

There will be one mid-term examination of one and half hours duration on each lecture based or lecture cum practical course. There will be one end-term examination of three hours duration on each lecture based or lecture cum practical course

Make up Examination

• Students who miss the mid-term or the end-term examinations for valid reasons are eligible for a make-up examination with the due approval of AAC.

• Those who miss mid-term and/or end-term exam should apply to the Head of the concerned department through the faculty advisor within five days after the missed exam, giving the reasons for absence. Applications received after this period will not be entertained. All make-up exams for mid-term tests should be completed with evaluation within 10 days prior to the end-term exam. All the make-up exams pertaining to the end-term exam should be completed with evaluation before the commencement of the next semester.

• Permission to appear for make-up exam will be given under exceptional circumstances such as admission to a hospital due to illness or grave family calamities, etc.

• Students residing in the Hostels should produce a Medical Certificate issued by Institute Medical Officer (IMO), certifying that he/she was admitted to hospital during the period of exam. The application should be routed through and approved 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 IMO, within five days.

• A student who misses the make-up exam will normally not be given another make-up exam. However, in exceptional cases of prolonged illness resulting in the student missing a make-up exam, the Chairperson 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. Normally the first stage is done in ODD semester and the second stage in subsequent EVEN semester. Through the dissertation work, the student has to exhibit depth in terms of engineering or technological innovation or research ability to solve the contemporary problem. On completion of the work, the student will submit a project report that will be evaluated by duly appointed examiners. It is proposed to have at least one expert as part of the examining committee from external Institute/Organisation. The panel of examiners should be finalized by HoD in consultation with all faculty members of the concerned department. The dissertation evaluation will be based on combining the reports of internal examiners and external expert(s). Suitable weightage must be given to the qualitative and quantitative results of the project and evaluated by a viva-voce exam.

Grading

• The faculty will return 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
А	9	Excellent
В	8	Very Good
С	7	Good
D	6	Average
Р	5	Below Average
F	0	Failure
W	0	Failure due to insufficient attendance
Ι	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:

Badly incomplete in-semester record (due to non-medical reasons),

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 enroll 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. The same should be informed to the Dean (Academics) through DRPC. Reconstitution of DRC member(s) with internal/external experts is subjected to approval from DRPC and Dean



(Academics). 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 Dean (Academic) through DRPC. A maximum of two chances will be given for completion of comprehensive examination within the stipulated time. In case, the student is not able to clear Comprehensive Examination in the first attempt, one last chance will be given for completion, within the stipulated 2 years' time.

5. Candidate will give a 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 reports/comments to the Dean (Academic) through DRPC at the end of every semester. The DRC has to maintain an adequate record of the candidate's progress and communicate the same to the Dean (Academics) through DRPC 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 a report to the Dean (Academics) through DRPC.

3.0 STAFF

3.1 Faculty

Department of Computer Science and Engineering

Sr. No.	Name	Designation
1	Dr. Damodar Reddy Edla	Associate Professor
2	Dr. Veena Thenkanidiyoor	Associate Professor
3	Dr. Purushothama B.R.	Associate Professor
4	Dr. Keshavamurthy B. N	Associate Professor
5	Dr. S Mini	Associate Professor
6	Dr. Pravati Swain	Assistant Professor



7	Dr. Venkatanareshbabu Kuppili	Assistant Professor
8	Dr. Modi Chirag Navinchandra	Associate Professor
9	Ms. Helga V Lobo	Faculty on Contract
10	Mrs. Pratima Chatterjee	Faculty on Contract
11	Sanga Chaki	Faculty on Contract

Department of Electrical and Electronics Engineering

Sr. No.	Name	Designation
1	Dr. Suresh Mikkili	Associate Professor
2	Dr. B. Venugopal Reddy	Associate Professor
3	Dr. Sree Raj E.S	Associate Professor
4	Dr. Amol Deodas Rahulkar	Associate Professor
5	Dr. C. Vyjayanthi	Associate Professor
6	Dr. Soumitra Das	Associate Professor
7	Dr. Anudevi Samuel	Faculty on Contract
8	Dr. Ansal V.	Faculty on Contract
9	Dr. Praveen Kumar Bonthargorla	Faculty on Contract

Department of Electronics and Communication Engineering

Sr. No.	Name	Designation
1	Dr. Vasantha M. H. Rao	Associate Professor
2	Dr. T. Veerakumar	Associate Professor
3	Dr. Anirban Chatterjee	Associate Professor
4	Dr. Nithin Kumar Y. B	Associate Professor
5	Dr. Trilochan Panigrahi	Associate Professor
6	Dr. Prashanth G. R.	Associate Professor
7	Dr. Shivnarayan Patidar	Assistant Professor
8	Dr. Lalat Indu Giri	Assistant Professor
9	Dr. Pragati Patel	Assistant Professor
10	Dr. E. Mallikarjun	Assistant Professor
11	Dr. Lokesh Kumar Bramhane	Assistant Professor
12	Dr. Shubhro Chakrabartty	Faculty on Contract

Department of Humanities and Sciences

Sr. No.	Name	Designation
1	Dr. Sarani Ghosal Mondal	Associate Professor



2	Dr. Sunil Kumar A.	Assistant Professor
3	Dr. Ankita Sarmah	Faculty on Contract
4	Dr. Gajanan T. Hivale.	Faculty on Contract

Department of Applied Sciences

Sr. No.	Name	Designation
1	Dr. Saidi Reddy Parne	Associate Professor
2	Dr. Velavan Kathirvelu	Associate Professor
3	Dr. Ragoju Ravi	Associate Professor
4	Dr. Ravi Prasad K. J	Associate Professor
5	Dr. Shangerganesh L.	Assistant Professor
6	Mr. Sudarshan Vinayak Thakur	Faculty on Contract

Department of Mechanical Engineering

Sr. No.	Name	Designation
1	Dr. B Santhi	Assistant Professor
2	Dr. Prasenjit Dey	Assistant Professor
3	Dr. Vinod Kumar Singh	Faculty on Contract
4	Dr. Avinash Tiwari	Faculty on Contract
5	Dr. Abhijit Sarkar	Faculty on Contract
6	Dr. Sooraj Mohan	Faculty on Contract
7	Dr. Gaurang Ruhela	Faculty on Contract
8	Dr. Pankaj Kumar	Faculty on Contract
9	Dr. Shubham Tripathi	Faculty on Contract
10	Dr. Pravin Anandrao Pawar	Faculty on Contract
11	Dr. Anoop AD	Faculty on Contract

Department of Civil Engineering

Sr. No.	Name	Designation
1	Dr. Harikumar M.	Assistant Professor
2	Ms. Vanessa Fernandes	Faculty on Contract
3	Dr. Dhanesh Sing Das	Faculty on Contract
4	Dr. Ankit Balvanshi	Faculty on Contract

3.2 Non- Academic Staff

Sr. No.	Name	Designation
1.	Dr. Shashidhar K Kudari	Registrar
2.	Mr. Amit Kabiraj	Assistant Registrar
3.	Mr. Manmohan Sakhuja	Assistant Registrar



4.	Mr. Digamber D. Mayekar	Accountant
5.	Mr. Sudharsan S	Technical Asst.
6.	Mr. Venkata Raman Grandhi	Technical Asst.(System)
7.	Mr. Rameez Rahman Kadavath	Technical Asst.
8.	Mr. Vijeesh V P	Technical Asst.
9.	Ms. Suvida Bipeen Madkaiker	Technical Asst.
10.	Mr. Patitapaban Pradhan	Technical Asst.
11.	Mr. Pinaki Chatterjee	Technical Asst.
12.	Mr. Digambar Ramchandra Dhengole	Technician
13.	Mr. Srinath Revoori	Technician
14.	Mr. Nijin M.	Technical Asst.
15.	Mr. Rohit Madhu Gawas	Technician
16.	Mr. Shri Ram Kumawat	Technical Asst.
17.	Ms. Swara S. Lotliker	Stenographer
18.	Mrs. Sweta Prashant Parwar	Junior Asst
19.	Ms. Namrata Prajesh Sawant	Junior Asst
20.	Mr. Karthikeyan M.	Junior Asst
21.	Ms. Tallulah Rodrigues	Junior Asst
22.	Mr. Amit Ajit Naik	Superintendent
23.	Mr. Kanneboina RajKumar	Multi- Tasking
24.	Mr. Arjun Singh	Technician
25.	Mr. Pritam Nageshkar	Multi- Tasking
26.	Mr. Sandeep Jaishwar	Junior Assistant
27.	Ms. Dipti Gaude	Multi- Tasking
28.	Mrs. Asmita Pritam Nageshkar	Multi- Tasking
29.	Mrs. Reshma R. Castelino	Technical Assistant
30.	Mr. Nikhil Uday Naik	Technician
31.	Ms. Supriya Shivaji Shet	Junior Assistant
32.	Ms. Priyanka Arun Parab	Technician
33.	Mrs. Teju Vasim Shaikh	Junior Assistant
34.	Mr. Kokate Santosh Parvatrao	Technician
35.	Mr. Anand Gachchinamath	Superintendent
36.	Mr. Koushik Shit	Technician
37	Dr. S. Kumaraguru	Student Activity and Sports
57.		Officer on Contract
38.	Dr. Akash Agarwadekar	Medical Officer on Contract
39.	Mr. Vallabh Ganapati Shenvi Velingkar	Resident Engineer on Contract
40.	Mr. B. V Raghu	Security & Housekeeping In charge on Contract



4.0 ACADEMIC PROGRAMMES 2022-2023

Course-wise Enrolment

Course-wise enrolment Undergraduate Courses (B. Tech)

	Total Number of				Out of total no. of Students																
	Students			SC		ST		OBC		EWS		General		DASA							
B (Boys) G (Girls)	В	G	Т	В	G	т	В	G	т	В	G	Т	В	G	т	В	G	т	в	G	Т
2022- 2023	146	38	184	20	6	26	11	3	14	43	11	54	17	4	21	51	14	65	6	1	7

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

4.1 Total number of Students in 2022-23

Under Graduate Students: 701

4.2 Course-wise enrolment Postgraduate Courses (M. Tech)

	Tota	al Nun	nber	Out of total no. of Students																	
	of Students			SC		ST		OBC		General		Sponsored			EWS						
B (Boys) G (Girls)	в	G	т	В	G	т	В	G	т	В	G	Т	В	G	Т	В	G	т	В	G	т
2022- 2023	22	10	32	4	1	5	1	0	1	9	3	12	6	6	12	0	0	0	2	0	2

***B-Boys, G-Girls, T-Total Total number of Students in 2022-23** Postgraduate Graduate Students: <u>85</u>

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

	Total Stud	l No. ents	of							0	ut of t	otal n	o. of 9	Studer	nts									
					SC			ST			OBC		(Genera	al		EWS		(Others	5			
B (Boys) G (Girls)	В	G	Т	В	G	Т	В	G	Т	В	G	Т	В	G	Т	В	G	Т	В	G	Т			
2022- 2023	19	17	36	2	2	4	0	0	0	4	4	8	11	10	21	2	1	3	0	0	0			

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

Total number of Students in 2022-23 Ph.D. Students: $PT & FT = \underline{115}$ (Studying)



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 MOE, New Delhi vide letter no. F.No.23-2/2012-TS.III. Dated 13th August 2012.

5.1 Board of Governors

Prof. Anupam Shukla	:	Chairman BoG &
Director, National Institute of Technology Goa		Director I/C, NIT Goa
Mrs. Saumya Gupta	:	Member
Jt. Secretary (Technical Education),		
MoE, Govt. of India		
Sh. Sanjog Kapoor	:	Member
Financial Advisor, Dept of Higher Education,		
MoE, Govt. of India		
Dr. Venkatesh Ganesh Prabhu Desai	:	Member
Chairman, Chandranath Education Society,		
Assolda, Quepem, Goa		
Mr. Mahesh Dhavlikar	:	Member
Professor, Dept of Mechanical Engineering		
Goa Engineerign College, Farmagudi, Ponda Goa		
Dr. Suresh Mikkili,	:	Internal Board Member
Associate Professor,		
Department of EEE NIT Goa		
Dr. Lalat Indu Giri,	:	Internal Board Member
Assistant Professor,		
Department of ECE NIT Goa		
Prof. B. G. Fernandes	:	Member
Professor & Head of Department of Electrical Engineering,		
IIT Bombay		



Dr. Shashidhar K Kudari Registrar, NIT Goa : Member Secretary

External Senate

Member

:

5.2 Finance Committee

Prof. Anupam Shukla	:	Chairman BoG &
Director, National Institute of Technology Goa		Director I/C, NIT Goa
Mrs. Saumya Gupta Jt. Secretary (Technical Education), MoE, Govt. of India	:	Member
Sh. Sanjog Kapoor Financial Advisor, Dept of Higher Education, MoE, Govt. of India	:	Member
Dr. Suresh Mikkili, Associate Professor, Department of EEE NIT Goa	:	Internal Member
Dr. Shashidhar K Kudari Registrar	:	Member Secretary
5.3 Senate		
Prof. Anupam Shukla Director, National Institute of Technology Goa	:	Chairman BoG & Director I/C, NIT Goa
Dr. Geeta B. Dept of HS, BITS Pilani	:	External Senate Member
Prof. N C Shivaprakash Dept of Instrumentation, IISc Bangalore	:	ExternalSenate Member

Prof. Vijay H Dessai Dept of Mechanical Engineering, NITK Surathkal



Prof (Dr.) Shashidhar K Kudari Registrar , NIT Goa	:	Member Secretary Senate
Dr. Veerakumar T Dean Academics	:	Member
Dr. Purushothama B.R. Associate Professor, HoD, CSE, NIT Goa	:	Member
Dr. Prashanth G.R Associate Professor, HoD, ECE, NIT Goa	:	Member
Dr. Soumitra Das, Associate Professor, HoD, EEE, NIT Goa	:	Member
Dr. Harikumar M. Assistant Professor, HoD, Civil Engineering, NIT Goa	:	Member
Dr. B.Santhi Assistant Professor, HoD, Mechanical Engineering, NIT Goa	÷	Member
Dr. Sarani Ghosal Mondal, Associate Professor, HoD, HS & APS, NIT Goa	:	Member

5.4 Building and Works Committee

Prof. Anupam Shukla Director, National Institute of Technology Goa	:	Chairman BoG & Director I/C, NIT Goa
Ms. Veena Dunga Deputy Secretary, MoE	:	Member
Shri Anilkumar Director, IFC, MoE	:	Member



Prof. R. K Tripathi Prof, Dept of Civil Engg & Dean P&D NIT Raipur	:	Member
Dr. Shashidhar K. Kudari Registrar, NIT Goa	:	Ex-Officio, Member Secretary
Dr. Velavan Kathirvelu Dean (P&D) NIT Goa	:	Member
Prof Krishna Kant Pathak Professor, Dept of Civil Engineering IIT BHU	:	Expert
Shri A K Jain Former DDG (Works) CPWD Delhi	:	Expert

6.0 CONCESSIONS FOR SCs, STs and PwD 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 2.5% for Handicapped, 27% for OBC and 10% reservation for EWS students from supernumerary seats)

• 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 and 10% for EWS).



7.0 **PUBLICATIONS, SEMINARS, WORKSHOPS**

Several workshops had been conducted and the faculty members engaged themselves actively in the research works.

7.1 Publications accepted /published:

Sr. No.	Publication details	Faculty	Department
		Member	
1	1. Patanvariya, D., Chatterjee, "A. Planar nested square fractal patch antenna for multi-band wireless applications," Microsyst Technol, vol.29, pp- 347–357, Feb. 2023.	Dr Anirban	ECE
1.	[5011, 5pringer, 2.012 (current), 11ve year impact factor. 1.772]	Chatterjee	LCL
	 Kalyan Sundar Kola, Anirban Chatterjee, "A Highly- directive Array of Nature-inspired based Patch Antennas," Int J RF Microw. Comput. Aided Eng., vol. 32, no. 8, pp. 1-20, May 2022. [SCIE, Wiley, 1.987] 		
2.	 N. Lakshmipriya, S. Gnanavel, L. Shangerganesh and Existence and nonexistence of solutions of thin–film equations with vari Differ- ential Equations & Applications 14(2022), 579-595. P.T Sowndarrajan, L. Shangerganesh, A. Debbouche, Optimal control of a heroin epidemic mathematical model, Optimization, 7 J. Manimaran, V. Bhuvaneswari, L. Shangerganesh, W fractional strongly coupled three species cooperating model, Partial Equations in Ap- plied Mathematics, (2023), 100504. M.N. Krishnan, NB Balan, L. Shangerganesh, J Manir control problem for acid-mediated cancer invasion model, Journa Nonlinear Dy- namics 12(2023), 339-351. 	N. Nyamoradi, able exponent space D.F.M. Torres, 71(2022), 3107-313 Shangerganesh eak solution for tir Differential naran, An optimal I of Applied	tes, 1. APS ne-



	1.	Sujith.P, Saidi Reddy Parne and P.Predeep, "Iodine		
		doping of CsPbBr3: toward highly stable and clean		
		applications" Journal of Philosophical Magazine.		
		https://doi.org/10.1080/14786435.2023.2195703,	Dr. Saidi Reddy	APS
3.		2023	Parne	1110
	2.	Damodar Reddy Edla, Amruta Lipare, Saidi Reddy		
		Parne, Load balanced cluster formation to avoid		
		energy hole problem in WSN using fuzzy rule-based		
		system, <i>W</i> ireless $Netw 29$, $1299-1310$ (2023).		
	3	https://doi.org/10.100//s112/0-022-05200-9		
	5.	Abdali S Karunya Motilal Lakavat Suman Gandi P		
		Saidi Reddy, G Kavitha, "Renovation and recycling		
		of used lubricating oil by using extraction, adsorption		
		and distillation techniques", Journal: AIP Conference		
		Proceedings, Vol.2690, Issue-1, Pages. 020021,		
		2023, <u>https://doi.org/10.1063/5.0119472</u>		
	4.	Nithin Kumar Goona, Shraddha M. Naik, Saidi Baddy Darma Aroad Dayl "DasDyLiby Ar aroa		
		source python FEM software to solve Poisson		
		equation in 2-D using distributed source scheme".		
		SoftwareX, Elsevier, Vol. 21		
		(2023), 101308, https://doi.org/10.1016/j.softx.2023.		
		101308		
	5.	Kurugundla Gopi Krishna, Godavarti Umadevi,		
		Saidireddy Parne, Nagaraju Pothukanuri, Theodore A		
		Materials for optical magnetic and electronic devices		
		- J. Mater. Chem, Volume. 100, Issue.11, Pages 3895–		
		3905, (2023),		
	6.	Sana Mohammed Ali Al kamzari, Lakkimsetty		
		Nageswara Rao, Motilal Lakavat, Suman Gandi, Saidi		
		Reddy Parne, G.Kavitha Sri, Extraction and		
		Characterization of Cellulose from Agricultural waste Materials" Journal of Materials Today: Proceedings		
		Elsevier, Volume 80, Part 3, 2023, Pages 2740-2743.		
		https://doi.org/10.1016/j.matpr.2021.07.030		
	7.	Kurugundla Gopi Krishna, Umadevi, Saidi Reddy		
		Parne, Nagaraju Pothukanuri, "Zinc Oxide based gas		
		sensors and their derivatives: A critical review",		
		Journal of Materials Chemistry C (Royal Society of		
		Chemistry), 2023, II, 3900- 3925 https://doi.org/10.1039/D2TC04690C		
	8	Suiith.P. Pratheek M Saidi Reddy Parne and		
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		crystals for optoelectronic applications" Journal of		



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9. Majan Al-Balushi, Lakkimse	tty Nageswara
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10. Shreya Hardaha, Damodar Reddy E	Edla, Saidi Reddy
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11. Srinivasa Rao Sriram, Saidi R	eddy Parne. P
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12. V. V. S. Swamy, Saidi Reddy Pa	urne, V. V. P., S.
Gandi, S. S. S. Panda "Design of Fil	ber Bragg Grating
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13. Sujith. P. Pratheek. M. Aiswarva.	M, Saranya Babu,
Saidi Reddy Parne and P. Pre	edeep "Effect of
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14. Sriram Srinivasa Rao, Saidi R	eddy Parne, P
Nagaraju, Venkata Satya Chic	lambara Swamy
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16. P Kumar, Saidi Reddy Parne, Damodar Reddy Edla	
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18. Srinivasa Rao Sriram, Saidi Reddy Parne, Damodar	
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19. Motilal Lakavat, Amiya Bhaumik, Saidi Reddy	
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20. Suman Gandi, Venkata Satya Chidambara Swamy	
Vaddadi, Saran Srihari Sripada Panda, Nithin Kumar	
Goona, Saidi Reddy Parne, Motilal Lakavat, Amiya	
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glass and glass-ceramic cathode/solid electrolyte	
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07.	Praveen Kumar B and Suresh Mikkili, "A Novel Hybrid Slime Mould MPPT Technique for BL-HC Configured Solar PV System under PSCs", Journal of Control, Automation and Electrical Systems –Springer, Accepted – March 2023 	Dr. Suresh Mikkilli	EEE
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	Praveen Kumar B and Suresh Mikkili, "Performance Investigation of Hybrid and Conventional PV Array Configurations for Grid-Connected/Standalone PV Systems ", IEEE CSEE Journal of Power and Energy Systems - Volume: 8, Issue: 3, pp. 682 – 695, May 2022 Impact Factor: 6.014		
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17.	 Authors: Singh, M., Ragoju, R., Shiva Kumar Reddy, G., & Subramani, C. Title: Predicting the effect of inertia, rotation, and magnetic field on the onset of convection in a bidispersive porous medium using machine learning techniques. Journal: Physics of Fluids, Volume:35 Issue: 3 Page no.: 034103. Publisher: AIP Publishing ISSN No: 1089-7666 Year: March 2023 Impact Factor: 4.64 Singh, M., Ragoju, R., Reddy, G., Matta, A., Paidipati, K. K., & Chesneau, C. Title: Non-linear magnetoconvection in a bidispersive porous layer: a brinkman model Journal: Earth Science Informatics, Volume: 15 	Dr. Gundlapally Shiva Kumar Reddy (Contract Faculty)	APS



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19	 Diana Miranda, Veena Thenkanidiyoor, Dileep Aroor Dinesh, "Review on approaches to concept detection in medical images", Biocybernetics and Biomedical Engineering, 42, Issue 2, April-June 2022, 453-462 Diana Miranda, Veena Thenkanidiyoor, Dileep Aroor Dinesh, "Detecting the modality of a medical image using visual and textual features", Biomedical Signal Processing and Control, volume 79,Part 1, January 2023, 104035 Samy, V S, Veena Thenkanidiyoor, "Blizzard prediction in antarctic meteorological data using deep learning techniques", Journal of Intelligent & Fuzzy Systems, 1, pp. 1-16, January 2023 	Dr. Veena Thenkanidiyoor	CSE
20	 Swetha KT,Barry Venugopal Reddy,Abin Robinson, "An effective maximum power point tracking technique for partially shaded photovoltaic system under rapidly changing atmospheric conditions" International Journal of Circuit Theory and Applications, Wiley, June, 2022. Swetha KT, Barry Venugopal Reddy, "A novel 	Dr. B. Venugopal Reddy	EEE



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21	 Aswini K. Samantaray, Pranose J Edavoor and Amol D. Rahulkar, "A New Approach to the Design and Implementation of a Family of Multiplier Free Orthogonal Wavelet Filter Banks", in IEEE Transactions on Circuits and Systems for Video Technology, Vol.32, No.4, pp. 1942-1954, April 2022 . APRIL 2022 Aswini Kumar Samantaray, Pranose J. Edavoor and Amol D. Rahulkar, "A Novel Design of Symmetric Daub-4 Wavelet Filter Bank for Image Analysis," in IEEE Transactions on Circuits and Systems II: Express Briefs, vol. 69, no. 9, pp. 3949-3953, Sept. 2022, doi: 10.1109/TCSII.2022.3174183. SEPT 2022 	Dr. Amol Rahulkar	EEE
	3. Aswini Kumar Samantaray, Pranose J. Edavoor and Amol D. Rahulkar,"Power-Efficient VLSI Architecture of A New Class of Dyadic Gabor Wavelets for Medical Image Retrieval ", IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2022,doi: 10.1109/TVLSI.2022.3213186 OCT 2022		

7.2 Workshops Conducted/Participated/attended

Sr.	Workshop Details (Attended)	Faculty Member	Depart
No.			ment
	1.International Virtual Short-term course on Application of		
	Unsaturated Soil Mechanics on the Analysis of Slopes, IIT		
1.	Mandi, Durham University and Universiti Kebangsaan	Dr. Harikumar M	Civil
	Malaysia, Feb 2022		
	2.Online International workshop on Landslide Hazard:		
	Forecasting, Monitoring, and Early Warning, Feb 9 and 10,		
	IIT Indore, University of Florence, Ital, Feb 2023		
	Place: Institute for Academic Excellence, Hyderabad		
	Date: 20 th June - 21 st June 2022		
	Title: Transformation through NAAC		
2.	ACCREDITATION PROCESS for Higher	Dr. Veerakumar T	ECE
	Educational Institutions & Health Science Institutions		
	Place: IIIT Hyderabad,		
	Date: 18th July – 19th August 2022 (Online)		
	Title: 6 th Summer School on AI		



	1. Attended 3-Days Online Electric Vehicle (EV)	Dr. Praveen Kumar	
3.	Workshop organized by EDUXLABS and MECHANICA	Bonthagorla	EEE
	IIT Madras from 27 th Oct - 29 th Oct 2022, India.	(Contract Faculty)	

7.3 **Paper Presented in Seminars**

Sr.	Papers Presented	Faculty Member	
No.			Departmen t
01.	ISPDA 2022		
	INDICON 2022	Dr. Chirag Modi	CSE
	GlobConET 2022		
02.	2022 IEEE International Conference on Power	Dr. Sreeraj E S	EEE
	Electronics, Drives and Energy Systems (PEDES)		
03.	International Conference on Innovation and		
	Technological Advances for Sustainability (ITAS),	Dr. Sooraj Mohan	Mechanical
	University of Doha for Science & Technology, Doha,	(Contract Faculty)	
	Qatar, 1-3 March 2023		

Books/Chapter Published

Sr.	Books/Chapter Published	Faculty Member	Department
No.			_
	1.Book Chapter: Suman Gandi, Saran Srihari Sripada		
	Panda, Saidi Reddy Parne, Nagaraju Pothukanuri,		
	and Gangaraju Gedda, "Advanced Electrochemical		
	Bionanomaterials for Energy Conversion and	Dr. Saidi Reddy	APS
01.	Storage." Sustainable Nanomaterials for Biosystems	Parne	
	Engineering: Trends in Renewable Energy, Environment, and		
	Agriculture (2023): 57. Page No 56-91. Publisher: AAP,		
	CRC Press, USA (Taylor and Francis Group), Hard		
	ISBN: 9781774912010, E-Book ISBN:		
	9781003333517		
	2. Book Chapter: Suman Gandi, Saidi Reddy Parne,		
	Shyam Sundar Gandi and Nagaraju Pothukanuri,		
	"Functionalized nanofibers for fuel cell applications"		
	Handbook of Functionalized Nanofibers: Synthesis		
	and Industrial Applications, Elsevier, 2023, Pages:		
	753-779. <u>https://doi.org/10.1016/B978-0-323-99461-</u>		
	<u>3.00001-7</u>		
	3. Book Chapter: Tribological Studies of Bulk Metallic		
	Glasses: Structure, Preparation, Surface Treatment, and		
	Coating, Suman Gandi, Venkata Satya Chidambara		
	Swamy Vaddadi, Saran Srihari Sripada Panda, Saidi		
	Reddy Parne, Motilal Lakavat, Amiya Bhaumik,		



	Handbook of Research on Tribology in Coatings and Surface Treatment, Pages: 330-358, IGI Global, 2022, DOI: 10.4018/978-1-7998-9683-8.ch014, DOI: 10.4018/978-1-7998-9683-8.ch014, <u>https://www.igi-global.com/book/handbook-research-tribology-coatings-surface/280471</u>		
02.	 [1] S. Gandi, S. S. S. Panda, S. R. Parne, N. Pothukanuri, and G. Gedda, "Advanced Electrochemical Bionanomaterials for Energy Conversion and Storage," <i>Sustainable Nanomaterials for Biosystems Engineering: Trends in Renewable Energy, Environment, and Agriculture,</i> p. 57, 2023. [2] S. Gandi, S. R. Parne, S. S. Gandi, and N. Pothukanuri, "Functionalized nanofibers for fuel cell applications," in <i>Functionalized Nanofibers</i>, ed: Elsevier, 2023, pp. 753-779. 	Dr. Suman Gandhi (Contract Faculty)	APS
04.	 Pawar Pravin, Raj Ballav and Amaresh Kumar, A Review on Experimental Studies in Electrochemical Discharge Machining, Innovations in Materials and Manufacturing, Scrivener Publishing, WILEY, pp. 17-87, 2023, ISBN: 9781394174478. Pravin Pawar, Amaresh Kumar, and Raj Ballav, Study of Soda-Lime Glass machinability by Gunmetal Tool in Electrochemical Discharge Machining and Process Parameters Optimization Using Grey Relational Analysis, Innovations in Materials and Manufacturing, Scrivener Publishing, WILEY, pp. 219-238, 2023, ISBN: 9781394174478. 	Dr. Pravin Anandrao Pawar, (Contract Faculty)	Mechanical
05.	Vinaya Chavan C, and Suresh Mikkili,"Matrix Magic Shifting to Extract Maximum Power under Partial shading Conditions", Springer Book Series, Smart Technologies for Power and Green Energy: Proceedings of STPGE 2022: 443 (Lecture Notes in Networks and Systems), pp. 23-35, Sept. 2022	Dr. Suresh Mikkilli	EEE
	Praveen Kumar B and Suresh Mikkili, "Power Enhancement of Total-Cross-Tied (TCT) configured PV Array during Dynamic Irradiance change using Meta-heuristic Algorithm based MPPT controllers," Springer Book Series, Smart Technologies for Power and Green Energy: Proceedings of STPGE 2022: 443 (Lecture Notes in Networks and Systems), pp. 251-		



	265, Sept. 2022		
	Praveen Kumar B, Suresh Mikkili and Akshay K. B, "Optimal Sudoku Static Reconfiguration Technique for Power Enhancement of PV Array under Partial shading Conditions," Springer Book Series, Smart Technologies for Power and Green Energy: Proceedings of STPGE 2022: 443 (Lecture Notes in Networks and Systems), pp. 235-250, Sept. 2022		
05.	M Harikumar, Fersana Mohamed, Ashique Mohammed, Irshad Ashraf, M Shahansha, AG Anand, Clay bricks using building debris, Materials Today Proceedings, Elsevier, Volume 60, Part 1, 2022, Pages 746-752 MAR 2022	Dr. Harikumar M	Civil
06.	1. T. Veerakumar, B. N. Subudhi, Sandeep Kumar K., Nikhil O. F. Da Rocha, S. Esakkirajan, "Shot Boundary Detection from Lecture Video Sequences using Histogram of Oriented Gradients and Radiometric Correlation", Smart Computer Vision: Mimicking Human Intelligence, Springer, p.35-59, 2023.	Dr. Veerakumar T	ECE
	2. B. N. Subudhi, T. Veerakumar, Sai Rakshit Harathas, Rohan Prabhudesai, Venkatanareshbabu Kuppili, Vinit Jaketiya, "Deep Learning in Auto Encoder Framework and Shape Prior for Hand Gesture Recognition", Smart Computer Vision: Mimicking Human Intelligence, Springer, p.223-242, 2023.		
07.	International Khekare, G., Bramhane, L.K., Dhule, C., Agrawal, R., Turukmane, A.V. (2022). Testing and Analysis of Predictive Capabilities of Machine Learning Algorithms. In: Houssein, E.H., Abd Elaziz, M., Oliva, D., Abualigah, L. (eds) Integrating Meta- Heuristics and Machine Learning for Real-World Optimization Problems. Studies in Computational Intelligence, vol 1038. Springer, Cham. https://doi.org/10.1007/978-3-030-99079- <u>4 16</u> JUN 2022	Dr. Lokesh Kumar Bramhane	ECE
08.	1. Bonthagorla, P.K., Mikkili, S. (2023). Power Enhancement of Total-Cross-Tied Configured PV Array During Dynamic Irradiance Change Using Metaheuristic Algorithm-Based MPPT Controllers. In: Dash, R.N., Rathore, A.K., Khadkikar, V., Patel, R.,		



	Debnath, M. (eds) Smart Technologies for Power and Green Energy. Lecture Notes in Networks and Systems, vol 443. Springer, Singapore. <u>https://doi.org/10.1007/978-981-19-2764-5_21</u> . 2. Bonthagorla, P.K., Mikkili, S., Bapurao, K.A. (2023). Optimal Sudoku Static Reconfiguration Technique for Power Enhancement of PV Array Under Partial Shading Conditions. In: Dash, R.N., Rathore, A.K., Khadkikar, V., Patel, R., Debnath, M. (eds) Smart Technologies for Power and Green Energy. Lecture Notes in Networks and Systems, vol 443. Springer, Singapore. <u>https://doi.org/10.1007/978-981-19-2764-5_20</u> .	Dr. Praveen Kumar Bonthagorla (Contract Faculty)	EEE
09.	1. Language, Meaning and Interpretation: East and West, Eds by Kantilal Das &Joytish Chandra Basak, "The Picture of Dorian Gray and Crime andPunishment in the light of Cognitive Values", Northern Book Centre, NewDelhi, 2022, ISBN:978- 81-7211-395-7, pp 369-381		
	2. The City Speaks: Urban Spaces in Indian Literature, eds. SubashishBhattacharjee and Goutam Karmakar, "Khushwant Singh's Delhi: a multi-layered Projection of an anthropomorphized city", Routledge, London and NewYork, 2023, ISBN: 978-1-032-11082-0 (hbk), ISBN: 978-1-032-34772-1 (pbk)	Dr. Sarani Ghosal	HSS
	3. Macbeth: A Critical Study, ed. Sunita Sinha, "Gender Ambiguity and the Triumph of Patriarchy in Macbeth", New Delhi: Atlantic Publishers & Distributors,2022, ISBN: 978-81-269-3497-2, pp: 95-106		
	4 ReFocus: the Films of Shyam Benegal, eds. Sneha Kar Chowdhury and RamitSamaddar, "Ankur: Multiple Narratives of Protest", UK: Edinburgh UniversityPress, 2023, ISBN: 9781474452861, pp: 12- 28		
	5.Decoding Gender Through Literature: Crafting One's Own Canvas, Eds.Samrat		
	Bisai and Raj Raj Mukhopadhyay, "Whitman's Children of Adam: A PostfeministicReading", New Delhi: Atlantic Publishers & amp; Distributors, 2023,		



ISBN: 978-8126936038, pp, 16-30

7.4 Conferences:

Sr.	Conference Details	Faculty Member	Department
01.	 N. Naik, C. Vyjayanthi and C. Modi, "Design, Loss Analysis and MFA Modeling of DAB-based Fast Charger for Bidirectional Grid to EV Power Transfer," 2023 International Conference for Advancement in Technology (ICONAT), Goa, India, 2023, pp. 1-7. P. Yadav, S. Sharma, A. Muzumdar, C. Modi and C. Vyjayanthi, "Designing a Trustworthy and Secured House Rental System using Blockchain and Smart Contracts," 2022 IEEE 19th India Council International Conference (INDICON), Kochi, India, 2022, pp. 1-6. A. B. Uday, N. Naik, M. G. M, C. Vyjayanthi and C. Modi, "Implementation and Validation of NSGA-II Algorithm for Constrained and Unconstrained Multi- Objective Optimization Problem," 2022 IEEE IAS Global Conference on Emerging Technologies (GlobConET), Arad, Romania, 2022, pp. 539-544. M. B. Janjanam, C. Modi and C. Vyjayanthi, "Secured Monitoring of Smart Grid Assets using Attribute based Encryption and Blockchain," 2022 IEEE IAS Global Conference on Emerging Technologies (GlobConET), Arad, Romania, 2022, pp. 912-917. 	Dr. Chirag Modi	CSE
2.	 Haritha Paul and S. Mini, "Swarm Intelligence Algorithms for Profit Maximization and Delay Minimization in Internet Data Centers," 10th International Conference on Signal Processing and Integrated Networks (SPIN), IEEE, pp. 317-322, 2023. Basil Jose and S. Mini," Efficient Device Management for Enhanced Energy Utilization and Operational Performance in Internet of Things," 8th International Conference for Convergence in Technology (I2CT), IEEE, 2023, pp. 1-5. 	Dr. S Mini	CSE
3.	Emily Grace Gummadi, Suresh Mikkili, Santhosh Yedla, "SuDoKU based Reconfiguration Techniques to TCT PV Array for Enhancing the Maximum Power under Partial Shading Patterns", in proceedings of IEEE International Conference on Power Electronics and Energy (ICPEE), 03 rd to 05 th January 2023,		



	Bhubaneswar, India		
	Vinaya C. Chavan and Suresh Mikkili, "Optimal Sudoku, skyscraper, and Proposed Reconfiguration Techniques for Extraction of Maximum Power under Partial Shading Conditions", in proceedings of IEEE 19 th Annual India Council International Conference (INDICON), 24 th to 26 th November 2022, Kochi, India.	Dr. Suresh Mikkilli	EEE
	P. K. Bonthagorla and S. Mikkili, "A Combined Adaptive Coefficient Particle Swarm Optimization MPPT approach and TT configured PV Array to Enhance Maximum Power under PSC," 2022 IEEE 1st Industrial Electronics Society Annual On-Line Conference (ONCON), kharagpur, India, 2022, pp. 1- 6,		
4.	L. Sreekumar, A. Shivanand Shirodkar and S. ES, "Improved modulation methods for single-phase common-ground type transformerless inverter," 2022 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Jaipur, India, 2022, pp. 1- 6, doi: 10.1109/PEDES56012.2022.10080866.	Dr. Sreeraj E S	EEE
5	 Bandaru Bhavana, Samrat L. Sabat, Swetha Namburu and T. Panigrahi, "Energy detector for spectrum sensing using robust statistics in non- Gaussian noise environment," in 15th IEEE International Conference on COMmunication Systems & NETworkS (COMSNET 2023), January 3 – 8, 2023, Hybrid Mode, Bengaluru, India. Harikrushna Gantayat, Shree Prasad M, T. Panigrahi and Pradyumna Patra, "Estimation of direction-of-arrival with limited snapshots in wireless sensor network," in IEEE International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON), Dec 2022. B. S.Gouda, S.Das and T. Panigrahi, "Distributed Nearest Neighbor-based outlier identification technique for WSNs," International Conference on Artificial Intelligence and Data Engineering (AIDE), Dec.22-23, 2022, Karkala, India B. S.Gouda, S.Das and T. Panigrahi, "Distributed Self Intermittent Fault outlier identification technique for WSNs," OITS International 	Dr. Trilochan Panigrahi	ECE



6.	 Conference on Information Technology (OCIT), Dec.14-16, 2022, Bhubaneswar, India. Harikrushna Gantayat, T. Panigrahi, Pradyumna Patra" UDM-RBM-based DOA estimation in alpha unstable impulse noise and multipath signals", in IEEE 6th International Conference on Electronics, Communication and Aerospace Technology [ICECA 2022], Nov., 2022. 1. M Harikumar, Saurabh Shivhare, Krishna Priya, Hariom Sarswat, Sudeepta S, K Harish, Bio-Enzyme Amended Building Blocks by Partial Replacement of Clay with Native Soil, International Conference on Sustainable Infrastructure: innovations, Opportunities and Challenges, NITK Surathkal, 21-21 April 2023 2. Tanvesh UD, M Harikumar, Comparison of Flexural Performance by FEM evaluation of Reinforced Concrete Beam Strengthened by Natural-Synthetic hybrid FRP, International Conference on Sustainable Infrastructure: innovations, Opportunities and Challenges, NITK Surathkal, 21-21 April 2023. 3. M Harikumar, A D Singh, B Ferrao, D Saiteja, L D Deepak, A S Sandra, S Shivhare,2022, Predicting the compressive strength of concrete mixes using shallow artificial neural networks, International Symposium on Sustainable Urban Environment, UPES, Debradun 	Dr. Harikumar M	Civil
7.	 NOV 2022 S. S. Karapurkar, L. K. Bramhane, A. D. Rahulkar and T. Veerakumar, "Energy Efficient Implementation of Processing Elements for CNN Hardware Accelerator," 2023 11th International Conference on Emerging Trends in Engineering & Technology - Signal and Information Processing (ICETET - SIP), Nagpur, India, 2023. (Received Best Paper Award). M. K. Panda, B. N. Subudhi, T. Bouwmans, V. Jakhetiya, and T. Veerakumar, "An End to End Encoder-Decoder Network with Multi-scale Feature Pulling for Detecting Local Changes From Video Scene", Proceedings of the 18th IEEE International Conference on Advanced Video and Signal-Based Surveillance (AVSS2022), Madrid, Spain, 2022. M. Panda, B. N. Subudhi, T. Veerakumar, and V. Jakhetiya, "Integration of Bi-dimensional Empirical Mode Decomposition With Two Streams Deep 	Dr. Veerakumar T	ECE



	Learning Network for Infrared and Visible Image Fusion", 30th European Signal Processing Conference (EUSIPCO 2022), Accepted, Belgrade, Serbia, 2022.		
8.	1. International Khekare, G., Turukmane, A.V., Dhule, C., Sharma, P., Kumar Bramhane, L. (2022). Experimental Performance Analysis of Machine Learning Algorithms. In: Qian, Z., Jabbar, M., Li, X. (eds) Proceeding of 2021 International Conference on Wireless Communications, Networking and Applications. WCNA 2021. Lecture Notes in Electrical Engineering. Springer, Singapore. <u>https://doi.org/10.1007/978-981-19-2456-</u> 9_104_JULY 2022	Dr. Lokesh Kumar Bramhane	ECE
9.	1. P. K. Bonthagorla and S. Mikkili, "A Combined Adaptive Coefficient Particle Swarm Optimization MPPT approach and TT configured PV Array to Enhance Maximum Power under PSC," 2022 IEEE 1st Industrial Electronics Society Annual On-Line Conference (ONCON), kharagpur, India, 2022, pp. 1-6, doi: 10.1109/ONCON56984.2022.10126573.	Dr. Praveen kumar Bonthagorla (Contract Faculty)	EEE
10	Sean Monteiro, Ananya Angra, Veena Thekanidiyoor, Dileep Aroor Dinesh, "Spoken Dialect Identification of Konkani Language", in Proceedings of the 25th International Conference on Speech and Computer(SPECOM 2023), 2023. (Submitted)	Dr. Veena Thenkanidiyoor	CSE
11	 Rohit Kumar Jain, Venugopal Reddy Barry, G Harish Kumar Varma, "PV Array Reconfiguration for Three Level PV Water Pumping System" IEEE International Conference on Power Electronics, Drives and Energy Systems PEDES, Dec. 2022. Swetha K T; Barry Venugopal Reddy; Rohit Kumar Jain "A Direct Search Nelder Mead MPPT Based Induction Motor Drive for Solar PV Water Pumping Systems," 22nd National Power System Conference NPSC 2022 Dec.2022. 	Dr. B. Venugopal Reddy	EEE
12	 Ashish K Gupta and Amol D. Rahulkar, "Artificial Neural Network based SoC Estimation for Electric Vehicle", Proc. in IEEE 8th International Conference for Convergence in Technology (I2CT), Lonavla, India, pp. 1-7, Aprial 7-9,2023 doi: 10.1109/I2CT57861.2023.10126329. MAY 2023 	Dr. Amol Rahulkar	EEE
13	1 "Sri Aurobindo's Poetics: The Future Poetry and		



Letters on Poetry and Art"presented on 28/02/2023 at a National Seminar, organized by the dept of Philosophy, Jadavpur University, Kolkata, WB	Dr. Sarani Ghosal	HSS
2. "An Ecospiritual Reading of Sri Aurobindo's Poems", on 8/03/2023 at an ICPRsponsored seminar at Bharatheeya Vicharakendram, Thiruvanthapuram, Kerala.		

Patents Filed/Published/Granted

Sr.	Patents Filed/Published/Granted	Faculty Member	Department
No.			
	 Title: A Reduced Scale Impact Test Device and it's Method Inventors: Saidi Reddy Parne, Pankaj Kumar, Damodar Reddy Edla, and Manvendra Tiwari Number & Status: 2021103221(Granted) Australia, March 2022 		
01	3. Title: An Apparatus for Multidirectional Power Transmission Mechanism and it's Working Process Inventors: Damodar Reddy Edla, Saidi Reddy Parne and Dr. Pankaj Kumar, NIT Goa Number & Status: 2021103222 (Granted) Australia, March 2022	Dr. Saidi Reddy Parne	APS
	4. Title: A System and Method for Determining Truthful and Deceptive State of a Person Inventors: Annushree B, Damodar Reddy E, Saidi Reddy P, Pankaj K, Ramalingaswamy Ch Number & Status: 2021102773 (Granted) Australia, March 2022		
	 Title: A System and a Method for Assessing Mental Ability of A user using an Electroencephalogram Inventors: Annushree B, Damodar Reddy E, Saidi Reddy P, D. Ramesh, Diwakar Tripathi Number & Status: 2021102774 (Granted) Australia, 17th March 2022. 		
	 6. Title: A Method and System for Sensing Pressure using FBG Sensor and Liquid Pressure Sensor. Inventors: V V S Ch Swamy, Saidi Reddy Parne, Vijeesh V P, Suman Gandi, Damodar Reddy Edla, Linga Reddy C Number & Status: 202121037735 (Published) India, 24 February 2023 		
	Novel Hybrid Thermal Management System for Li-Ion		



02.	Battery Temperature Regulation and Fire Hazard Safety Patent App. No. 202341054049 11 th August 2023	Dr. Abhilash Tilak (Contract Faculty)	Mechanical
03.	 A novel earth reinforcement system with multidirectional elements, Chandrakaran Sreedharan, Mohanan Harikumar, Sankar Natesan, Patent no. 202022101791 (German Patent, 2022) A system for Quantitative Estimation of the Impact of Climate Change on Crop Evapotranspiration , Ankit Balvanshi, Harikumar M, Hari Lal Tiwari, Patent no.202022107269 (German Patent, 2023). 	Dr. Harikumar M	Civil
04.	 R. Maruthadurai, T. Veerakumar, B. N. Subudhi, and S. Esakkirajan, Provisional Indian patent application no. 202221006557 filed entitled "Method and System for Detection of Stem and Root Borer Infestation". (Published) B. N. Subudhi, T. Veerakumar, V. Jakhetiya, and S. Esakkirajan, Provisional Indian patent application no. 202111053136 filed entitled "A System and Method for Are Elach Datastion using Logal Change Datastion 	Dr. Veerakumar T	ECE
	 and Color Attention". (Published) 3. A. Ghosh, H. Singh, S. Suman, Badri N Subudhi, Vinit Jakhetiya, T. Veerakumar, Provisional USA patent application no. 18122269 filed entitled "Action Detection System for Dark Videos using Spatio- Temporal Features and Bidirectional Encoder Representations from Transformers". (filed) 		

Projects

Sr.	Projects	Faculty Member	Department
No.			_
	Year of Sanction: 2022		
01.	Title: Development of Metaheuristic Algorithms based Maximum Power Point Tracking Controllers for various Grid-Connected/Stand-Alone PV System to Enhance the Maximum Power Generation Capability	Dr. Suresh Mikkili	EEE
	Total Amount: 36,21,332 INR.		



	Agency: SERB-DST PI: Dr. Suresh Mikkili Co-PI if any:		
02.	Year of Sanction:2022 Title:Speech Technologies in Indian Langauges— Spoken Language Identification Total Amount:59.58 lakhs Agency:MeitY PI:Veena Thenkanidiyoor Co-PI if any:	Dr. Veena T	CSE
03	Year of Sanction: 2023 Title: Design and Development of FPGA Accelerator IP for Deep Neural Network (FAipDNet) Total Amount: 86 Lakh Agency: MEITY PI: Dr. Amol D. Rahulkar	Dr. Veerakumar T	ECE
04	Year of Sanction:2022 Title: Speech Technologies in Indian Languages— Spoken Language Identification Total Amount:59.58 lakhs Agency: MeitY PI :Veena Thenkanidiyoor Co-PI if any:	Dr. Veena Thenkanidiyoor	CSE
05	"Design and Development of FPGA Accelerator IP for Deep Neural Network (FAipDNet)" From MeiTY as Chief Investigator -86 Lakh dated 22/05/2023	Dr. Amol Rahulkar	EEE

7.5 STUDENTS' ACHIEVEMENTS

Department of Civil Engineering

Civil Engineering Students Council organizes activities like educational field trips, lectures by professionals and distinguished engineers in the field of Civil engineering. Through CESCO the department of civil engineering builds a bridge for lively interaction between students and the



industry. CESCO provides a platform to showcase and sharpens student's talent through a variety of events and activities.

Technical quiz such as mind scribblers are conducted for students to gain knowledge, seek opportunities to excel beyond academics and secure their future. Students need to form teams while participating in quizzes, giving them an opportunity to hone their teamwork skills. Since questions require critical thinking students get into the habit of innovative learning.

An MoU was signed between NIT Goa and ALCOLAB INDIA LLP-A group company of ALCON Enterprises, in the presence of Director, NIT Goa and Shri.Anil Counto, Chairman, ALCON Enterprises on 15th September 2022

In order to provide an exposure to students about practical working environment and a good opportunity to gain full awareness about industrial practices industrial and academic visits are conducted for the students.

The final year civil engineering students went on an educational site visit to Zuari bridge situated on Panaji–Margao stretch of the NH 66 on 27th January 2023. The construction of the Zuari Bridge is done by Dilip Buildcon Limited. An educational visit for the 2nd year students on 17.02.2023 to OPA water treatment plant situated at Khandepar, Ponda. The visit to OPA water treatment plant aimed at getting practical experience of understanding the working and maintenance of a large-scale water treatment plant. A Site visit was organized to AlcoLAB India LLP, Kundaim, Goa -21/10/23 and 09/11/23. The Department conducted a two days hands-on training program on MIDAS GEN for UG and Ph.D. students-31/03/22 to 01/04/22

Civil Engineering conference in Asian Region CECAR9 was held from 21st September to 23rd September 2022 at Hotel Taj Resort and convention centre, Donapaula, Goa and was attended by faculty and students of third and final year. The Department of Civil Engineering in association with Civil Engineering Students Council organized an online expert talk on "Best Management Practices for Urban Storm-water Management" on 31st January 2022.

On the occasion of World Water Day, the Department of Civil Engineering organized an expert lecture on Water Management for a Sustainable Future on 22nd March 2022 in online mode. The talk was given by the expert Prof Lakshman Nadagiri, emeritus professor of NITK Surathkal. Online seminar on Students' Initiative in Evaluating Government Schemes was conducted on Monday, 29th August 2022 from 3:30 PM - 4:30 PM, by the UBA SEG (Subject Expert Group) of 'Ethos in Technical Institutions' team of IIT Bombay and was attended by the faculty and the students of the department.

An Expert talk was conducted on Post Graduate studies in India and abroad with Funding opportunities for Civil Engineering, Dr. Thejesh Kumar Garala, Geotechnical Consultant, Fugro, UK.

The following students got selected for M.Tech programme at IITs: Ashok Kumar got selected at IIT Gandinagar, Nayan Katke got selected at IIT Tirupati, Nishant Jhadi got selected at IIT Hyderabad, V. Revanth got selected at IIT Kharagpur.

Ashok Kumar, Deepthi Krishna, Nishant Jadhi, Manas Hadkar, Nayan Katke, Shaivi Chanekar and Devendra Patidar cleared GATE 2023



SreeVidya Valaboju got selected in Masters Programme (Masters in Civil Engineering) at University of Alabama, Birmingham. Ms. Araveti Ganga Pratima and Mr. Nayan Katke, Final year got placed at ASEC Engineers as Design Engineers. Ms. Shefali Chandu Mhaldar, got placed at Adani Group as Graduate Engineer Trainee. Ashok Kumar got selected in M.Tech (Structural Engg) at IITGandhinagar. Mr. Kunal Nagardhane got placed at JSW as Graduate Engineer Trainee. Mr. Manas Nandkumar Hadkar was placed at Loyalty Jaggurnaut as Business Analyst. Ms. Mahima Rawal got placed at Tredence as Associate Data Scientist. Mr. Harishchandra Prasad placed at Signdesk as Associate Software Engineer. Ms. Anamika Dabas placed at Prism Johnson's as a Management Trainee.

Department of Computer Engineering

Mandar Patade, student of B.Tech. CSE (batch 2019-2023) was listed among top 1.5% coders globally on LeetCode. Mandar Patade, Aniruddh Lawande (B. Tech. ECE batch 2019-2023) and Kaivalya Gauns (B. Tech. ECE batch 2019-2023) secured All India Ranks 31 and 35 in ICPC Asia Amritapuri Regional and Kanpur-Mathura Preliminary Contests respectively. Four students of B. Tech. CSE batch 2019-2023 - Abel Lester Dsilva, Atharv Desai, Ketul Patel and Raghav Sharma-qualified GATE 2023. Ketul Patel was ranked 90 in GATE 2023. Aditya Ladhad (B. Tech. CSE batch 2019-2023), had qualified CAT 2022 with 99.35 percentile.

Pritika Barshilia (20CSE1024) was awarded the DAAD-WISE (the German Academic Exchange Service) scholarship for research internship at the Ludwig Maximilian University (LMU) of Munich, for a duration of 70 days. Zubin Shah (20CSE1030) won the 1st Prize in Infofest Hackathon hosted by Goa University, 1st Prize in "Codeit To WinIt" coding competition, Resonance'23, GEC Goa, 1st Prize in "Arena De Codigo" Coding Competition, Technix, 1st Prize in "Code Cosmos" Coding Competition, TechUrja, hosted by AITD, Mapusa, 2nd Prize in "HackTheGames" hosted by IIT Goa, 2nd Prize in "Code Ops" coding competition, Techfluence'23, hosted by IT Dept, GEC Goa, and he was the Penultimate Finalist in HackRx Hackathon hosted by Bajaj Finserv in 2023. Also, he earned the "Knight" Badge on LeetCode platform with peak contest rating of 2003. Suyash Mirchandani (20CSE1038) qualified the GATE exam in 2023, and secured the 3rd Position in Hawk the log Dataset Competition in 2022. P Anusha (20CSE1022) represented NIT Goa in Inter_NIT volleyball tournament in Jan 2023. Also, she won 1st prize in Inter Branch dance competition (NATRANG) held in NIT Goa. Bryson Gracias (20CSE1008) was a finalist at Ramiah Institute of Technology national level hackathon in 2022. Omkar Borker (20CSE1021) co-authored manuscript titled "Refining a Neural Network Training Algorithm to Achieve Precise Solutions for Singularly Perturbed 1D Reaction-Diffusion Equations" (Access-2023-22059) published in IEEE Journal. Aryan Shrivastav (20CSE1005) won the 3rd prize in hawk the log datathon conducted by Bits pilani Goa in 2022, 3rd place in Nebula net datathon (March 2023) conducted by IIT BHU. Souradeep Banerjee (20CSE1035) was in 2nd position in Inter Department Quiz competition and Skit competition Inspirus 2022. He achieved a Google Cloud certificate. Shreya Maniksha Parsekar (20CSE1034) was intern at Ikigai Cooperation limited as Web designer. Javendra Pal (20CSE1012) won 2nd prize in debate competition organized by Goa Shipyard Ltd (GSL). Also, he represented



NIT Goa at TechFest 2022, IIT Bombay. Ms. Ayushi Kandpal won first place in LinkedIn Challenge hosted by Coding Club in July 2023. She also got selected for Women Engineers Scholarship and training program, by NSE Talentsprint. Mr. Pranav Tikone won 1st prize in Solonote Music competition (Drums) in the WAVES fest organised by BITS Goa. He completed specialisation in Machine Learning and received the certificate from Stanford University and Coursera.

Consultancy projects:

Concrete Quality test at NIT New campus, Cuncolim, Client-CPWD

Patents Granted:

A novel earth reinforcement system with multidirectional elements", Chandrakaran Sreedharan, Mohanan Harikumar, Sankar Natesan, Patent no. 202022101791 (German Patent, 2022) "A system for Quantitative Estimation of the Impact of Climate Change on Crop Evapotranspiration", Ankit Balvanshi, Harikumar M, Hari Lal Tiwari, Patent no.202022107269 (German Patent, 2023).

Hackathons and other Coding Contests

Hackathons facilitate the creation of innovative ideas and encourage the students to apply their knowledge to build a product in a very short amount of time. The Software Edition of Smart India Hackathon is a 36-hour non-stop digital product development competition, where problems are posed to technology students for innovative solutions. A team of students- Abhiraaj Verma (20ECE10032), Deep Shetye (20ECE1012), Niranjan Hebli (20CSE1019), Rahul Jalan (20EEE1022), Raj Naik Dhulapkar (20EEE1023) and Leander Vaz (21CVE1017) were the finalists of SmartIndia Hackathon 2022. Two teams of NIT Goa shared the third prize at the Goa Police Hackathon 2022. The first team comprised Raj Naik Dhulapkar (20EEE1023), Omkar Borker (20CSE1021), Abhijeet Kadalli (20EEE1001) and Niranjan Hebli (20CSE1019). The second team comprised Gunaditya Patil (21EEE1013), Vaibhav Yadav (21CSE1038) and Tushar Pal (21CSE1036). A team of students- Leander Vaz (21CVE1017), Rahul Jalan (20ECE1012), Raj Naik Dhulapkar (20EEE1013) and Deep Shetye (20EEE1022) were shortlisted for the final round of Centuriton Hackathon, which was held at Ramaiah Institute of Technology, Bangalore from 25-27 November, 2022. Mandar Patade (19CSE1018), Aniruddh Lawande (19ECE1016) and Kaivalya Gauns (19ECE1011) secured All India Ranks 31 and 35 in ICPC Asia Amritapuri Regional and Kanpur-Mathura Preliminary Contests respectively.



FACULTY ACHIEVEMENTS:

Name	Department	Achievements
Dr. Harikumar M	Civil	 Dr. Harikumar participated in an International Virtual Short-term course on Application of Unsaturated Soil Mechanics on the Analysis of Slopes, IIT Mandi, Durham University and Universiti Kebangsaan Malaysia Dr. Harikumar participated in an Online International workshop on Landslide Hazard: Forecasting, Monitoring, and Early Warning, Feb 9 and 10, IIT Indore, University of Florence, Italy
Ms. Vanessa Fernandes	Civil	 Ms. Vanessa Fernandes attended and presented a paper on Erosion control by Bioengineering measures at a three days International conference on Climate resilient construction and building materials at NITK, Surathkal Ms. Vanessa Fernandes attended 3 days field training cum implementation workshop on coastal erosion control by bioengineering measures organized by National institute of Disaster management and Goa college of Engineering



8.0 OUTREACH CELL ACTIVITIES

Swach Bharat Abhiyan (SBA)

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

NIT Goa is actively participating in Swachha Bharat Abhiyaan (SBA) activities since its inception. The Institute has organized three cleanliness drives on 02.10.2022 and 10.03.2023 in the surroundings of NIT Goa including the premises of the hostels. Under SBA, NIT Goa has implemented clean and green campus.

Photographs of the Events



























Rashtriya Avishkar Abhiyam (RAA) ACTIVITIES AT NIT GOA (Academic year 2022-2023)

The Department of School Education and Literacy, Ministry of Human Resource Development (MHRD), Govt. of India, had introduced a novel programme: Rashtriya Avishkar Abhiyan (RAA), through an Order (File No. 20-5/2014/EE.17, dated 28th May, 2015) with a view to '...provide nourishing and nurturing support to and a platform for schools in a dual track approach to make Science, Mathematics and Technology (SMT) exciting to children and encourage them to have an enduring interest in both inside classroom and outside classroom activities.

Highlights of the programmes of the academic year 2022-23:

1. Basic training programs on Optic and LASER:

We have organized a training programme for the college students in various parts of Goa as well as the neighbouring states of Karnataka, Kerala, and Maharashtra to show them various optics experiments. Initially, Dr. Saidi Reddy Parne, Associate Professor of Physics, explained the fundamentals of optics and photonics, the photoelectric effect, the dual nature of light etc. Further, Mr. Saran panda (President of the SPIE student chapter, NIT Goa) and other NIT Goa students helped them to understand the basic experiments.

An effort has been made to bring like-minded optics and photonics enthusiasts together and give a platform to interact and exchange ideas. The session witnessed the active participation of more than 40 undergraduate students. Mr. Saran Panda and the other SPIE members took the lead for the session.





2. Introduction of Research Equipment to the Graduate Students of Goa Kerala and Karnataka state:

An initiative has been made for the young graduates to motivate them in order to pursue their Master's in M.Sc. photonics and Optics, M.Sc. tech in applied physics and explaining the various careers perspectives and research areas of optics, Optical fibres and Fiber optic sensors. Our NIT Goa SPIE student chapter students have taken the lead in this programme. Students explained about Fiber optics and Fiber Bragg Sensors for various applications. All Splicing methods hands-on experience also done with the students. NIT Goa Ph.D. Students explained about their area of research in the Fiber Bragg grating sensors and its application for Temperature, pressure, and strain measurement. At the end, a brief introduction of the working principles of AFM and optical properties study of materials using UV-visible has been explained to the students.



Ek Bharat Shreshtha Bharat (EBSB) Club of NIT Goa

Ek Bharat Shreshtha Bharat (EBSB), a flagship program of the Government of India, aims to enhance interaction & promote mutual understanding between people of different states/UTs through state/UT pairing. For Goa, the pairing state under EBSB is Jharkhand. To promote the sustained cultural connection between other regions, NIT Goa has formulated an EBSB club; presently, the club is governed by an elected student council. The club started functioning in the year 2020 with seven elected members. Currently, we have more than 150 active members.

Under the abled and vibrant student leadership, the club organizes various programs and cultural events at NIT Goa. The notable programmes we organized at NIT Goa are Pongal (2020), Hackathon (2020), Beach Cleaning (2020), Navya (2022,2023), Cultural Fashion Show (2020), Fit the World (an online cross puzzles), Kallakriti -



Poster making competition (2021), Dance Fiesta (2021), Essay competition on freedom fighters (2021) and a Webinar on physical fitness (2022).

The club has conducted various events during the academic year 2022-2023. Initially, we did the celebration of Pongal in January 2023, and we received a grant participation from students. Further, we conducted Navya 2023 on March 22 2023 - an event celebrating Gudi Padwa and Ugadi, which marks the new year for Konkan and Telugu Region. Students from across the region performed Puja during the event and engaged in various cultural and entertainment events. As a part of the 'Har Ghar Tiranga' campaign (August 13-15, 2023), the EBSB club of NIT Goa organizes various competitions for students. These include Kaavyarath, Rag and Prasthaav.





1. Appreciation letter for students

2. Pongal Celebrations



3. Marking the 'Navya' celebration



Vidyanjali Higher Education

Vidyanjali - Higher Education is an initiative taken by the Ministry of Education, Government of India with the aim to strengthen Support to the Students, Faculties & Institutions of Higher Education by Volunteerism through involvement of community, private & public sector, NGOs, NRIs, PIOs etc. In this regard, Dr. Venkatanareshbabu K delivered the following three lectures through Vidyanjali - Higher Education, as a voluntary service from NITGoa.

Delivered a talk on "Applications of Mathematics in Computer Science" at a webinar conducted by Department of Mathematics, Anantpur on 1st Aug, 2022

An expert lecture has been delivered on "Recent Advances and Career opportunities in Artificial Intelligence" at Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh on 5th Dec, 2022

An expert lecture has been delivered on "Data Structures: Linked List and its implementation" at Aanatrao Pawar College of Engineering and Research, Parvati, Pune on 6th Dec, 2022

Sports and Cultural Events

Director Cup2020-CricketTournament

The Sports Section organized the "Director Cup 2020" for the NIT Goa community comprising Students, Scholars, Non-Teaching and Teaching staff (Men and Women). Thecricket tournament was inaugurated by our Hon'ble Director in the presence of the Dean Students Welfare, Dean Academics, Dean Research& Heads and faculties of various departments on 02April2022.

The inaugural match was between II-year B.Tech Students Vs. Teaching & Non-Teaching Staffs, second match (IV year B.Tech Students Vs. PhD & M.Tech students), third match(PhD & M.Tech StudentsVs. IIIyear B.TechStudents), The final match(IIyear Vs. IIIyear B.Tech Students). The prizes were distributed for the winners and runners.

International Day of Yoga (IDY) 2022

The 8th International Day of Yoga was befittingly observed on 21/06/2022 at the National Institute of Technology Goa, and it went on as per directions given by the



Ministry of AYUSH and the Ministry of Education. The function began with a brief introduction of Yoga Day by Prof. Gopal Mugeraya, The Director of NIT Goa. He explained the need for yoga and the importance of celebrating Yoga Day among faculty, staff, and students. During the address, the Director elaborated on how yoga helps to maintain harmony between body and mind. The Director stated that International Day of Yoga is a gift to the world by Prime Minister Hon'ble Narendra Modi, who put forward a proposal on 11th December 2014 in the United Nations General Assembly (UNGA), which was accepted by 193 Nations. Hence, 21st of June is celebrated as International Day of Yoga. Further, he mentioned the need for meditation to remain fit and improve concentration.

The yoga expert demonstrated various yogic exercises and asanas. The program was highly successful as 123 participants joined with enthusiasm for celebrating the international day of yoga, including faculty, staff, and students. All the participants learned how to practice different asanas properly on a daily basis. The function ended with a vote of thanks.

National Sports Day Celebration

Like every year, National Sports Day was celebrated with solemnity by the sports unit of NIT Goa on 29th August, to commemorate the birth anniversary of the legendary Hockey player and Olympian, Major Dhyan Chand.

The Sports, NIT Goa organized "National Sports Day" – Mini Marathon & Volleyball Tournament for NIT Goa Community comprising Students, Research Scholar, Non - Teaching and Teaching staff for both Men and Women. Further, fitness pledges were taken by all the participants.

The tournament commenced on 27th August 2022 at 6.30 am in Volleyball Court with the welcome speech and the importance of National Sports Day by the Hon'ble Director and the inaugural match was played by 3rd-year B.Tech Students Vs. 2nd - year B.Tech Students wherein Dean Students Welfare Dr. Damodar Reddy Edla shook hands with the players and wished them. The final match was played between 3rd year B.Tech Students Vs. 4th year B.Tech students. The prizes were distributed for the winners and runners.



Rashtriya Ekta Diwas (National Unity Day) On 31st October, 2022

NIT Goa observed National Unity Day on October 31st, 2022 to commemorate the birth anniversary of Shri. Sardar Vallabhbhai Patel, popularlyknown as the Iron Man of India. The National Unity Day initiative was introduced by the Government of India and inaugurated by Prime Minister Shri. Narendra Modi in 2014. In this regard, the following programs were conducted:

Unity Runs:

In the "run for unity", many students, scholars, non-teaching staff, administrative officers, and teaching staff assembled enthusiastically participated in a short rally marathon around the premise of the campus to evoke the spirit of integrity.

Pledge-Taking Ceremony:

All the participants assembled on the institute lawn and made the following pledge: "I solemnly pledge that I will devote myself to preserving our nation's unity, integrity, and security and that I will work hard to spread this message among my fellow countrymen." I take this pledge in the spirit of the unification of my country, which was made possible by the vision and actions of the late Sardar Vallabhbhai Patel. I also solemnly resolve to make my contribution to ensure the internal security of my country".

Exhibition – Poster Presentation:

The posters were pasted in Gyan Mandir, NIT Goa, to spread the message of the lifestyle and achievements of the Iron Man of India.

Inter Branch Volleyball Tournament 2022

To welcome new students for the academic year 2022–2023, the sports section conducted an inter-branch volleyball tournament from November 18–November 20, 2022. The competition's outcome was as follows: Winner: III year B.Tech Students. Runners Up

: IV year B.Tech Students.



74th Republic Day 2023

NIT Goa witnessed the celebration of the 74th Republic Day on the 26th of January 2023. Students, Staff and Faculty members filled with a feeling of patriotism and dedication gathered in front of the Institute. The celebration started with the hoisting of the National Flag by the Registrar, Dr. Shashidhar K. Kudari, followed by the National Anthem. In his speech, the registrar emphasized the significance of the Constitution and its unique features such as Sovereign, Socialist, Secular, Democratic and Republic enshrined in the preamble of the constitution. He also gave insight into the various accomplishments achieved by the institute and motivated the crowd to bring more laurels for the institute through their accomplishments. These were followed by patriotic songs performed by the students and stirring speeches by the students, administrative officers and Dean Students Welfare. In the end, the program was concluded by distributing sweets and snacks to all the students.

All India Inter NIT Tournaments - Report

The NIT Goa Cricket Team has participated in the All India Inter NIT Faculty & Staff Tournament organized by VNIT Nagpur from 04 to 07 December 2022. The NIT Goa Badminton, Chess and Table Tennis teams have participated in the All India Inter NIT Faculty & Staff Tournament organized by NIT Hamirpur from 17 to 19 December 2022. The NIT Goa Volleyball (Men & Women) and Kabaddi (Men) teams have participated in the All India Inter NIT Tournament organized by NITK Surathkal from 20 to 22 January 2023. The NIT Goa cricket team has participated in the All India Inter NIT Surat from 16 to 19 February 2023

Our student, Mr. Kaushik Bhat, Roll. No: 20CVE1015, Department of Civil Engineering and Mr Sharul Kukolkar, Roll. No:20EEE1030, Department of Electrical and Electronics Engineering secured First Position in the Xventure – Warrior Dash, which was held as part of Revels'23- The National Sports and Cultural fest organized by Manipal Institute of Technology, Manipal held from 22nd – 25th of



March 2023. Our students Mr Milind Gauns, Roll. No: 20EEE1039, Department of Electrical and Electronics Engineering, secured First prize in the Inter-Collegiate Chess Event in Goa State, organized by Plexus 2023 Chess Event.

Rajbhasa Samiti of NIT Goa

Rajbhasha Samiti of NIT Goa organises different activities and competitions for staff & students to promote Hindi and is making best efforts for making Hindi as an integral part of the system of NIT Goa. For this the dedicated team is working under the Chairmanship of Director, NIT Goa who is inspiring his team. After the inspection of the first sub-committee of the Parliamentary Committee on Official Language, taking quick action on the assurances, all/as far as possible entries are being made in Hindi in all the registers.

Institute's Ist edition of Hindi Magazine "**Urba**" in which not only students but Institute faculty and staff members have also put in their dedicated efforts in creating and drafting it. Now we are preparing the 3rd edition for the same. We the team of NIT Goa are dedicated to spread Hindi language in all the spheres of the Institute.


9.0 PLACEMENT DETAILS OF STUDENTS FOR ACADEMIC YEAR 2022-23



NATIONAL INSTITUTE OF TECHNOLOGY GOA TRAINING AND PLACEMENT CELL

CAMPUS RECRUITMENT DETAILS OF STUDENTS ACADEMIC YEAR 2022-23

More than 160 companies visited NIT Goa for the campus recruitment of 2023 graduating batch.

PLACEM	IENT RECORD FOR THE	E ACADEMIC YEAR 2022-2.	3 (Branch wise)
Department	Total No. of Students (EL)	Total No. of Students placed	Percentage of students
CSE	26	26	100%
ECE	29	29	100%
EEE	21	21	100%
MCE	21	20	95.23%
CVE	23	10	43%

EL : Eligible

PLACEMENT RECORD FOR THE AC	ADEMIC YEAR 2022-23 (Overall)
Total No. of Students (EL)	120
Total No. of Students Placed	106
Percentage of Placements	88.33%

Placement percentage of circuit branches (CSE, EEE & ECE): 100% with an average of 12.87 LPA.

Maximum pay Package : 26 LPA Average pay Package : 11.45 LPA Minimum pay Package : 6 LPA



NATIONAL INSTITUTE OF TECHNOLOGY GOA ANNUAL REPORT FY 2022-23

CONVOCATION DETAILS 2022

Degree & Medals awarded for the B.Tech Batch

This year the Institute has awarded B. Tech., M.Tech and Ph.D. degrees to a total number of **209** students.

Total 135 students awarded with B.Tech degree Branch wise results are given below:

Computer Science and Engineering	:	32 students passed
Electrical and Electronics Engineering	:	26 students passed
Electronics and Communication Engineering	:	29 students passed
Mechanical Engineering	:	23 students passed
Civil Engineering	:	29 students passed

A total number of **57** students are awarded the **M.Tech Degree**Branch wise results are as follows:

Computer Science and Engineering	:	16 students passed
Power Electronics and Power Systems	:	19 students passed
VLSI	:	22 students passed

Ph.D. degree is conferred to **17** students:**05** from the Dept. of Computer Science and Engineering,**05** from the Dept. of Electronics and Communication Engineering,**04** from Electrical and Electronics Engineering **&03** Applied Sciences

The DIRECTOR'S GOLD MEDAL for the outstanding all-round performance in all disciplines of undergraduate programmes of study was awarded to Mr. KEVAT VISHAL of the EEE Dept for batch the 2018-2021. GOLD MEDAL for the best academic performance in the undergraduate programmes of study was awarded to Mr. KEVAT VISHAL of the EEE Dept, Mr. SHETYE SANAT ALIAS RAM KRISHNA of the CVE Dept, and Ms. DIVYANI of the CSE dept., Mr. KASHIN BRIJ KHAJURIA of the ECE dept., Mr. AARON HERCULANO GONSALVES of the MCE dept.

The DIRECTOR'S GOLD MEDAL for the outstanding all-round performance in all disciplines of postgraduate programmes of study was awarded to Mr. ADITYA KULKARNI of the CSE Dept. for batch the 2020-2022. GOLD MEDAL for the best academic performance in the postgraduate programmes of study was awarded to Mr. ADITYA KULKARNI of CSE Dept, KUNAL VADGAMA of the EEE Dept, SRUJANA KRISHNAMURTHY PILLAY of the ECE Dept.

ANNUAL ACCOUNTS F.Y. 2022 - 2023

NATIONAL INSTITUTE OF TECHNOLOGY GOA **BALANCESHEET AS AT 31ST, MARCH, 2023**

1,22,40,040.00 70,75,69,848.00 21,64,035.00 31,34,01,234.89 1,07,04,62,513.69 51,39,76,019.94 2,30,42,48,421.63 7,57,50,134.47 99,89,00,304.00 91,40,32,713.27 2,30,42,48,421.63 As at 31.03.2022 As at 31.03.2022 IN TERMS OF OUR INTERNAL AUDIT REPORT Amount in Rupees 1,44,10,53,130.75 3,73,57,38,135.41 74,33,38,253.25 1,35,83,482.00 1,91,15,35,408.00 36,95,66,114.66 7,59,67,607.82 21,01,525.00 2,82,17,30,049.00 9,26,00,700.34 3,73,57,38,135.41 As at 31.03.2023 As at 31.03.2023 Schedule Sch. 25 _اں ശ 2 က ထတ **NVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS** CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS **APPLICATION OF FUNDS** SOURCES OF FUND **DESIGNATED/ EARMARKED / ENDOWMENT FUNDS** FOR AND ON BEHALF OF THE BOARD TOTAL TOTAL **CURRENT LIABILITIES & PROVISIONS** SIGNIFICANT ACCOUNTING POLICIES -OANS, ADVANCES & DEPOSITS Capital Works-In-Progress **NVESTMENTS - OTHERS** COPRUS/CAPITAL FUND CURRENT ASSETS SECURED LOANS Intangible Assets Tangible Assets FIXED ASSETS Long Term Short Term

10 U

REGISTRAR

PLACE: PONDA,GOA DATE: 04-08-2023

National Institute of Technolegy Goa Farmagueti, Ponda-Goa 403 401

DIRECTOR Director

> National Institute of Technology Goa Parmagudi, Ponda-Goa 403 401 Registrar

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FOR R.K PIKALE AND ASSOCIATES

NATIONAL INSTITUTE OF TECHNOLOGY GOA INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31ST, MARCH, 2023

DARTON ADD		Amount in	Rupees
PARTICULARS	Sch.	As at 31.03 2023	Ac at 31 03 2027
INCOME			2707.00.10 1B SH
Academic Receipts	10	00 01 0 10 20 1	
Grants / Subsidies	2	4,20,87,049.00	5,28,89,813.39
Income from investments	= !	32,29,55,832.59	21,77,31,675.95
Interest earned	12	2,12,76,308.00	1,92,09,617.00
Other Income	13	2,86,957.00	5,61,946.00
Prior Period Income	4	39,32,739.84	5,49,447.52
TOTAL (A)	61	-	
EXPENDITURE		39,11,38,886.43	29,09,42,499.86
Staff Payments & Benefits (Establishment exnenses)			
Academic Expenses	0 [17,62,03,803.35	15,40,89,828.00
Administrative and General Expenses	11	3,20,24,776.00	3,43,99,926.00
Transportation Expenses	0 0	1,99,96,198.33	1,48,53,311.00
Repairs & Maintenance	61	23,40,080.00	23,55,099.00
Finance costs	20	2,15,46,035.00	2,09,78,147.50
	21	9,11,10,904.13	1,12,30,043.30
Other Exponent	5	1,66,27,318.40	1,80,02,226.00
	22		40.00
	23		
I UIAL (B)		35,98,49,115.21	25.59.08.620.80
Balance being excess of Income over Expenditure (A-B)		3,12,89,771.22	3,50,33,879.06
Conital Final Volt 1			
Capital Fund (Sch-1)		(1,66,27,318.40)	(1,80,02,226.00)
Colpus runa (Sch-1)		(4,79,17,089.62)	(5,30,36,105.06)
Significant Accounting Policies Contingent Liabilities And Notes To Accounts	24		
FOR AND ON BEHALF OF THE BOARD	N	TERMS OF OUR INTERN	
Jund.		FOR R.K PIKALE AND	ASSOCIATES
REGISTRAR DIRECTOR		CHARTERED ACCO FRN: 12764	IW STRATE & 400
		March .	HIMMAN DE CHARTERED
DATE: 04-08-2023		CA YASH KUMAR PARTNER MEM NO. 438	PALIWAL
	Page 2 of 52		

SCHEDULE - 1 COPRUS/CAPITAL FUND

			Amount in	Rupees
Particulars	Capital Fund	Corpus Fund	As at 31.03.2023	As at 31.03.2023
Balance at the beginning of the year	64,50,01,025.83	42,54,61,487.86	1,07,04,62,513.69	67,92,51,955.63
Add: Contributions towards Corpus/Capital Fund	Ĩ	ï	312	16
Add: Grants from UGC, Government of India and State Government to the extent utilized	1,95,38,381.00	Ĩ	1,95,38,381.00	39,97,47,202.00
or capital expenditure				
Add: Grants from UGC, Government of India and State Government to the extent utilized	2,35,088.84		2,35,088.84	6.00
or capital expenditure (Expenditure of F.Y-2014-15 & F.Y-2015-16)				
Add: Grants received from MOE towards repayment of HEFA Loan principal (75%)	31,76,88,750.00	(0)	31,76,88,750.00	ia I
Add: Transfer from Corpus Fund (Repayment of HEFA Loan principal from IRG (Institute	10,58,96,250.00	ð	10,58,96,250.00	F
Share 25%))				
Add: Assets Purchased out of Earmarked Funds	2	ж.	×	x
	18,38,626.00		18,38,626.00	30,52,209.00
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution				
Add: Assets Donated/Gifts Received		Ē	E	13
Add: Excess of Income over expenditure transferred from the Income & Expenditure	ĸ	4,79,17,089.62	4,79,17,089.62	5,30,36,105.06
Account				
TOTAL	1,09,01,98,121.67	47,33,78,577.48	1,56,35,76,699.15	1,13,50,87,471.69
Less: Transfer to Earmarked Funds		•	1	29
Less: Transfer to Capital Fund (Repayment of HEFA Loan principal from IRG (Institute		10,58,96,250.00		
Share 25%))			10,58,96,250.00	3
Less: Retirement provisions of earlier years w/off	2	1	ä	4,66,22,732.00
Less: Other Deductions	<u>.</u>		ä	x
Less: Depreciation for the year	1,66,27,318.40	Ĩ	1,66,27,318.40	1,80,02,226.00
Balance at the year end	1,07,35,70,803.27	36,74,82,327.48	1,44,10,53,130.75	1,07,04,62,513.69

SCHEDULE 2 - DESIGNATED/ EARMARKED / ENDOWMENT FUNDS

Amount in Rupees

			101	TAL	
Particulars	Institute Devt Fund	Hostel Devt Fund	As at 31.03.2023	As at 31.03.2022	
					_
Đ.	1,20,84,796.00	1,55,244.00	1,22,40,040.00	1,07,52,269.00	-
the year	10	Ē			_
vestments made of the funds	3	5	1	ī	_
st on investments/Advances	T	Ĩ	i.	ĩ	_
vings Bank a/c	5,16,232.00	6,210.00	5,22,442.00	4,70,771.00	-
s (Specify nature) (Collected from students)					-
from Students	8,21,000.00	č	8,21,000.00	10,17,000.00	
rom Capital Fund	20	300 M			
Total (A)	1,34,22,028.00	1,61,454.00	1,35,83,482.00	1,22,40,040.00	
					-
nditure towards objectives:					
nditure		1	3	Ĩ	
penditure	ï	ï	Ĩ	0	
Total (B)			•	•	
	00 000 00 70 7	4 E4 4E4 00	4 35 83 482 00	1 22 40 040 00	-
ing Balance at the year End (A-B)	1,34,22,028.00	1,51,434.00	1,33,03,402.00	1,22,40,040.00	_
					_
Balances	1,34,22,028.00	1,61,454.00	1,35,83,482.00	1,22,40,040.00	
	•			9	
but not due					
		1 01 121 00	1 05 00 100 00	00 010 01 00 1	T
Total		1.61.454.00	1,35,83,482.00	1,22,40,U40.VV	-

SCHEDULE 2A

es	otal +11)			9	c
Rupe	μĘ	_		3	
Amount in	l Balance	11. Accumulated Interest			•
	Closing	10. Endowment	Ĩ	9	
	Expenditure on the object during the year	Ø			
	otal	8. Accumulated Interest (4+6)		•	ĩ
24	F	7. Endowmen t (3+5)		•	
	rring the	6. Interest	•	P.	3
	Additions du Year	5. Endowment		5	Ш
	Balance	4. Accumulated Interest		E	•
DS	Opening	3. Endowment			•
OWMENT FUNI	2. Name of the Endowment				Total
END	No		1	_	

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SCHEDULE 3 - SECURED LOANS

	Amount ir	Rupees
	As at 31.03.2023	As at 31.03.2022
Education Funding Agency (HEFA) Loan A/c. No-0010110000139	1,91,15,35,408.00	70,75,69,848.00
Total	1,91,15,35,408.00	70,75,69,848.00

SCHEDULE 4 - CURRENT LIABILITIES & PROVISIONS

	Amount	Rupees
	As at 31.03.2023	As at 31.03.2022
A. CURRENT LIABILITIES		
1. Deposits from staff	5 1 6	T :
2. Deposits from students (Sub Schedule 1)	6,33,32,045.33	3,85,40,104.33
3. Sundry Creditors		
a) For Goods & Services (Sub Schedule 2)	76,76,563.00	74,64,218.00
b) Others	N24	<u> 1</u>
4. Deposit-Others (including EMD, Security Deposit) (Sub		
Schedule 3)	27,50,144.00	27,54,844.00
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS):		
a) Overdue		÷
b) Others (Sub Schedule 4)	5,96,069.00	7,48,186.00
6. Other Current Liabilities (Sub Schedule 5)		×
a)Salaries	1,15,27,551.00	1,06,25,544.00
b)Receipts against sponsored projects(Net) (as per Schedule		
4a)	94,85,917.25	1,25,67,756.45
 c) Receipts against sponsored fellowships & scholarships 		
(Net) (as per Schedule 4b)	27,602.00	79,205.00
d) Unutilised Grants (as per Schedule 4c)	18,42,55,521.08	36,85,63,661.16
e) Grants in advance	Ē	5
f) Other funds (Sub Schedule 5)	10,62,402.00	6,13,877.00
g) Other liabilities (Sub Schedule 5)	17,64,232.00	51,81,095.00
Total (A)	28,24,78,046.66	44,71,38,490.94
B. PROVISIONS		
1. For Taxation	5	3
2. Gratuity	1,76,71,682.00	1,93,44,760.00
3. Superannuation Pension	-	
4. Accumulated Leave Encashment	6,94,16,386.00	4,74,52,269.00
5. Trade Warranties/Claims	-	<u>ع</u>
6. Others (Specify) (Sub Schedule 6)		40,500.00
Total (B)	8,70,88,068.00	6,68,37,529.00
Total (A+B)	36,95,66,114.66	51,39,76,019.94

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

<u>NATIONAL INSTITUTE OF TECHNOLOGY GOA</u> Schedules forming Part of Balancesheet as at 3151, March, 2023

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S	l

-		Opening B	alance	5.	4 7000 7000		8, Evoanditerra/Pafri	Closing B	alance
Sr. No.	2. Name of the Project	3. Credit	4. Debit	eries during the year	o. calin Interest	7. Total	nd during the year	9. Credit	10. Debit
-	Convective Instabilities in Double Diffusive Systems-SERB-	r	*	e	101		ä		
2	Dr. Ravi Ragoju Deep-Learning Assisted Tomographic Ground Penetrating Radar for the Detection of Electrical and Morphological Features of Buried Objects-SERB- Dr. Mallikarjun E.	8,61,325.00	X		38,782.00	9,00,107.00	2,98,111.00	6.01,996.00	6
3	Design and Development of Acoustic Methods for early detection of Stem and Root Borer Plocaederus spp	2,23,462.00		1,00,000.00	8,597.00	3,32,059.00	3,32,059.00	r	
4	infestation in cashew-SERB - Dr. Veerakumar T. Design and Development of Compact and Wideband Dielectric Resonator Antennas -SERB -Dr. Pragati Patel	31		а	i.	ĩ			
ç	Design & Development of a Dynamic Photovottic Array Fed Singlae Stage PV System Using an Open WIM-	3,35,699.00	ä	T	14,900.00	3,50,599.00	3,50,599.00	2. . 2	â
Ċ	Ur. verugopal record Design & Development of Roast Distributed Nonlinear Channel Eqaulization & Identification sponsored by SERB -	3	2	¥.		36	N		
~	Dr. Trilochan P. Designing Efficient Algebraic Activation Functions In Deep Learning For Classification Of Eletroencephalography (Eeg) Data -SERB- Dr. Damodar Reddy Edla	85,336.00	ι.	1,50,000.00	2,955.00	2,38,291.00	1,05,336.00	1,32,965.00	
Ø	Design of Superior Pulsewidth Modulation Schemes for High-Performance Muttilevel Converter Based Grid- Connected Photovoltaic System-SERB- Dr. Soumitra Das	1,63,382.97	3	ĸ	ļ.	1,63,382.97	30	1,63,382.97	
o	Developing Smart Controller for Optimum Utilization of Energy and Trustworthy Management in a Micro Grid	28,51,037.00	iî.	10,00,000.00	1,18,991.00	39,70,028.00	23,88,572.00	15,81,456.00	
10	Enviornment - SERB - Dr. Chirag Modi Developing Smart Controller for Optimum Utilization of Enerry and Trustworthy Management in a Micro Grid	3,22,648.00	5 . 00	4,31,519.80	Ŧ	7,54,167.80	70,308.00	6,83,859.80	15
5	Enviornment - Siemens - Dr. Chirag Modi Development of a Multipurpose Intelligent Controller for a Nano Grid Operation sponsored by MNRE - Dr. C.	1,43,819.00	57	47,208.00	×	1,91,027.00	1,91,027.00	3.	x
5	vylayaruu Development of Coordination Control Schemes for Hybrid AC/DC Micro Grids for Stable and Reliable System Operation-SERB-Dr. C.Vyjayanthi	,	э	i	T	•	2005		A

Page 8 of 52

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1	ă.		1			a.			٠			1	
() 1	22,72,657.00	ĸ	22,986.00		3,11,910.00	31	27,851.23	4,22,755.25	15,71,846.00	16,92,262.00	1	94,85,917.25	
3,23,745.00	5,95,040.00	72,028.00	0	24,21,690.00	25,000.00	9		Ν.	6,09,152.00	2,80,843.00	2,38,000.00	83,01,510.00	
3,23,745.00	28,67,697.00	72,028.00	22,986.00	24,21,690.00	3,36,910.00	103	27,851.23	4,22,755.25	21,80,998.00	19,73,105.00	2,38,000.00	1,77,87,427.25	
	1,16,880.00	•	8	13,690.00	1,910.00	(•)	1,205.00	18,301.00	91,510.00	82,222.00	a	5,09,943.00	
31	х	ı	1	24,08,000.00	3,35,000.00		5 0			T	2,38,000.00	47,09,727.80	•
	al and a second se		ξ.	i.	19 1	¶i ₽5	2	9		1	ar.	¥	
3,23,745.00	27,50,817.00	72,028.00	22,986.00		ε υ .	L:	26,646.23	4,04,454.25	20,89,488.00	18,90,883.00		1,25,67,756.45	igency.
3 Energy Efficient Lighting with Visible Light based Communication & Power Line Communication sponsored	by DST - Dr. Ankit Dubey. 4 Interference Rejection Using Built-In Filter Based Band- Pass Sigma Delta Modulators -SERB- Dr. Nithin Kurmar Y.B.	5 Hamessing Technological Innovations for Stustainable Development: The Role of Intellectual Property Rights -	ICSSK (MHKU) - Dr. Sunil Kumar A. 6 Off Grid Sensor Controlled Irrigation Using Bank Fitration Technology, TERL Dr. I alat Indu Ciri	7 Speech Technologies in Indian Languages- DR. Veena T	8 Teachers Associateship for Research Excellence (TARE) - SERB - Dr. Damodar Reddy Edla	9 Special Manpower Development Program for Chips to System Design sponsored by Central Electronics	Engineering Research Institute - Dr. Nithin Kumar V Visvesvaraya Phd Scheme for Electronics and IT -(Batch 2014-15) sponsored by Media Lab Asia -Dr. Nithin Kumar V B	1 Visvesvaraya Phd Scheme for Electronics and IT - (Batch 2015-16) sponsored by Media Lab Asia -Dr. Nithin Kumar	2 Development of Metaheuristic Algorithms based Maximum Dever Point Tracking Controllers for various Grid- Connected/Stand -Alone PV System to Enhance the Maximum Power Generation Capability -SERB -Dr. Suresh	Minkkin Wind Energy Harvesting from Vortex Induced Vibration of Multiple Cyclinders using novel multiple Piezoelectric Strips Arrangement -SERB -Dr Prasenlit Dev	4 All India Council for Technical Education(AICTE)	Total	he Projects may be listed agency-wise, with sub-totals for each a
5	4	15	16	17	18	18	20	21	8	33	24		١F.

The total of Col. 9 (Credit) will appear under the above head on the liabilities side of the Balance Sheet (Schedule 4).
 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.

SCHEDULE - 4(b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

		-		-	_		_	_	-						_		-	-
nce as on 023	α ^ΰ	Debit	t			Ψ.		I				I		1	Ľ	1		•
Ciosing Bala 31.03.2	7.	Credit	H)?					•				26,957.00	F.	645.00	t	SIC.		27,602.00
uring the year	: • ق	Debit	2,31,374.00	6		53,280.00		45,866.00				0	20,000.00	4,67,355.00	84,610.00	62,500.00		9.64.985.00
Transactions d	ů,	Credit	2,31,374.00	ĩ		•		45,866.00				1,032.00	20,000.00	4,68,000.00	84,610.00	62,500.00		9.13.382.00
to as	4	Debit	ï	Ĩ		Î		ì				1	I	,	1	ı		
Opening Balanc on 01.04.202	÷.	Credit		I		53,280.00		3				25,925.00	Ĩ.	6)	8	9 .		79 205 00
2. Name of the Sponsor			Scholarship EDCIL (India) Ltd.	Scholarship from Ministry of Tribal	Affairs	Scholarship from Ministry of Social	Justice	Scholarship Govt. of Madhya	Pradesh	Inspire Fellowship-Dept. of Science	& Technology	Bank Interest	Contingency	Fellowship	H.R.A.	Other Scholarships		Total
۲. ۵.			-	0	4	m	-	4	<u> </u>	2 2	30					Ŷ		

Note:

2. The total of Col. 8 (Debit) will appear as Receivables on the Assets side of the Balance Sheet in Schedule 9(Loans, Advances and Deposits). 1. The total of Col. 7 (Credit) will appear under the above head, on the liabilities side of the Balance Sheet (Schedule 4).

SCHEDULE 4(c) UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS

						Amount ì	n Rupees
Particulars	OH-31 (General)	OH-31 (HEFA Loan Principal)	OH-31 (HEFA Loan Interest)	OH-36 (Salaries)	OH-35 (Capital)	As at 31.03.2023	As at 31.03.2022
A. Plan Grants : Government of India							
Balance B/F	5,50,62,496.02	21, 17, 92, 500.00	(75,69,848.00)	4,63,45,642.73	6,09,32,670.41	36,85,63,661.16	72,53,11,223.29
Add: Receipts during the vear for Expenditure	8,26,00,000.00		2	17,18,00,000.00	0.	25,44,00,000.00	21,54,75,000,00
Add: Receipts during the vear towards HEFA Loan repayment	35	21,17,92,500.00	6,35,18,615.00	¥	E	27,53,11,115.00	21,54,30,743.00
Add: Provision of Retirement Benefits of earlier years w/back		24		<u>ii</u>	75	•	4,66,22,732.00
Add: Interest earned during the year	86,41,845.00			30,09,253.00	44,96,364.00	1,61,47,452.00	2,00,27,164.00
Total (a)	14,63,04,341.02	42,35,85,000.00	5,59,48,767.00	22,31,54,895.73	6,54,29,234.41	91,44,22,238.16	1,22,28,66,862.29
Less: Refunds back to MOE/ Autoreversal of Grants in TSA	1,75,12,457.65	1.14	5.*	3,22,09,043.00	1.58	4,97,21,500.65	7,57,38,540.00
Less: Interest refunded back to the MOE	96,15,871.00	12		24,21,318.00	79,89,975.00	2,00,27,164,00	16, 10, 85, 783, 18
Less: Utilized for HEFA Loan Principal Repayment	11	31,76,88,750.00	ж	۲	181	31,76,88,750.00	Ľ
Less: Utilized for HEFA Loan Interest Repayment			9,10,69,175.00	11 1	<u>[i</u>	9,10,69,175.00	1,12,08,091.00
Less: Utilized for Capital Expenditure - 35			ĸ	Ð	1,95,38,381.00	1,95,38,381.00	39,97,47,202.00
Less: Utilized for Capital Expenditure - 35 (not considered in F.Y-							
2014-15 & F.Y-2015-16)	ē	10	U.		2,35,086.84	2,35,088.84	
Less: Utilized for Revenue Expenditure	9,06,10,409.24	x		14,12,76,248.35	5	23, 18, 86, 657, 59	20,65,23,584.95
Total (b)	11,77,38,737.89	31,76,88,750.00	9,10,69,175.00	17,59,06,609.35	2,77,63,444.84	73,01,66,717.08	85,43,03,201.13
	5 66 66 603 13	40 68 96 260 00	(3 51 20 408 00)	4 72 48 286 38	3.76.65.789.57	18.42.55.521.08	36,85,63,661,16
		Antonionio	Tanan indiata				
B. UGC grants: Plan					÷.	*	•
C. UGC grants: Non Plan	•			ť	ĸ		€ 11
D. Grants from State Govt.				Ξ.		5.	24
Grand Total (A+B+C+D)	2,85,65,603.13	10,58,96,250.00	(3,51,20,409.00)	4,72,48,296.38	3,76,65,789.57	18,42,55,521.08	36,85,63,661.16

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 batances, Short term Deposits with Banks and Advances on Capital Account

The Revenue expenditure met out of non plan grants calculated is as follows:

n-timber	Conoral - 34	General -31 HEFA	General -31 HEFA	Salaries - 36	Total
rancuars		Principal	Interest		
Evenditure as ner Evrenditure schedules (Non Plan column) of the	9,25,75,152,64	31,76,88,750.00	9,10,69,175.00	17,62,03,803.35	67,75,36,880.99
Income and Expenditure Account					
l ass. Provision made in the year for refirement henefits	<u>i</u>	0.95		2,34,67,732.00	2,34,61,732.00
				30 00 750 00	32 02 752 00
Add: Actual payments made in the year for retirement benefits	*		1	00-100 1 100 100	
	1 BG 27 318 40		ii.	3	1,66,27,318.40
Less: Depreciation during the year				(1 40 00 FJE 00)	
Add/) ass: Salary of Contract Staff to booked in General-31	1,46,62,575,00	×.	<u>1</u>	(1,46,52,57,00)	•
		00 440 00 00 TO	0.40.60.476.00	32 970 22 04 44	54 06 44 587 59
Revenue expenditure met out of non - plan grants.	9,06,10,409,24	31,75,88,750.00	3, 10,03, 173.00	CC'047'D1'71'41	00140011 + 100140

SCHE	DULES 5 FIXED ASSETS									Amount In	Rupees
			GROSS BL	OCK			DEPRECI	ATION		NET BI	OCK
S.No.	Aasets Heads	Opening Balance as on 01.04.2022	Additions	Deductions	Closing Balance as on 31.03.2023	Depreciation Opening Balance as on 01.04.2022	Depreciation for the Year	Deductions/ Adjustment	Total Depreciation as on 31.03.2023	31.03.2023	31.03.2022
								5	1	100	
_ `	Land			90	K)		¢	8	ŝ		5.
-	Site Development)1		91				10	ij.	8	6
0	Buildings	3	3	•	æ		30	r	R	į.	
4	Roads & Bridges	10		9	а.	3	x	×			8
	Tubewells & Water Supply		3.4	.,	0		ж	¥.)¥	X	X
, «	Severane & Drainane		,	30	290	14))	9	8	18). T
	Electrical Installation and againment	30 86 836 5D			39.86.836.50	5.42.363.00	1.99.344.00	8.00	7.41.699.00	32,45,137.50	34,44,473,50
~ 0	CITCUTAR () (13 CARACOL) ALLA AQUINTER (1 22 60 674 00	4 82 M41 00	33 009 00	1 24 10 0/6 99	33.35.671.00	6 22 157.00	19.821.00	39,38,007,00	64.71.999.99	89,25,303,99
	Priant & Machinely Prioritie & Laborator, Echiomont	E 20 00 77/ 75	AD 47 647 00		6 29 34 371 35	2 22 42 839 00	49.99.584.96		2,72,42,423,96	3.56,91,947,39	3,66,43,695,35
~ Q	outro toward y cympustur Outro towardd	16 00 793 00	00 282 00)	15.32 501.00	4 28 666 00	1.14.940.00	2.00	5,43,599.00	9.88,902.00	10,74,067,00
	Poince Equipment	13,02,700.00	84 450 00	13 200 00	50.39 789 25	23.46.763.00	3.78.976.00	12.371.00	27,13,368.00	23,26,401,25	26,21,756,25
= ;	Audio Visual Equipment Committee & Dherinherde	5 00 16 473 73	1 00 90 451 00	1 R3 740 00	5 99,23,184.73	4.16.65.620.73	54.46.778.00	1.83.743.00	4,69,28,655.73	1,29,94,529.00	83,50,953,00
<u>4</u>	Cumputed of Filespherics Cumputed Extensions	2,55 QR 777 R7	2 72 151 00	11 621 25	2.58.59.307.62	1.40.04.677.00	19.40.340.00	11,392.00	1,59,33,625.00	99,25,682.62	1,15,94,100.87
2.5	i Fundade, Fixiundo ex Frundo Mahiatas	32 14 129 00	211211212	,	32.14.129.00	20.75.957.00	3.21.414.00	4.00	23,97,367,00	8,16,762.00	11,38,172.00
- -	i l'ibrari Docke & Scientific Iouroale	61 D8 435 51	9413	8.9	61.08.435.51	41.50.999.00	4,51,303,44	20,00	46,02,282.44	15,06,153.07	19,57,436,51
- 4	 Small Value Assets 	12 44 583 58	73.351.00	s at	13.17.934.58	12.44.497.58	73,344.00		13,17,841.58	93.00	86.00
1	Total (A)	16.77.88.187.78	1.47.79.859.00	2.41.570.25	18,23,28,478.53	9,20,38,053.31	1,45,48,181.40	2,27,366.00	10,63,58,868.71	7,59,67,607.82	7,57,50,134.47
	1.0 mo.										
÷	Capital Work in Progress (B)	99,89,00,304.00	1,82,28,29,745.00	•	2,82,17,30,049,00	4		3		2,82,17,30,049.00	99,89,00,304.00
						Depreciation		less of the second	Total Demociation an		
24.2	internition Accede	Opening Balance as on 01 04 2022	Additions	Deductions	Closing Balance as on 31.03.2023	as on 01.04.2022	for the Year	Adjustment	on 31.03.2023	31.03.2023	31.03.2022
	i E.inimale (nemetral)	8 25 154 00			8.25.154.00	8,25,153.00	•		8,25,153.00	1.00	1.00
- 6	Computer software	3 23 27.037.00	17.33.485.00		3,40,60,522.00	3,08,01,241.00	19,52,464.00	1.00	3,27,53,704.00	13,06,819.00	15,25,796.00
: X	Patents & Cooviants	8,57,991.00	2,83,274.00	3	11,41,265.00	2,19,753.00	1,26,811.00	5.00	3,46,559.00	7,94,706.00	6,38,238,00
	Total (C)	3,40,10,182.00	20,16,759.00		3,60,26,941.00	3,18,46,147.00	20,79,275.00	6.00	3,39,25,416.00	21,01,525.00	21,64,035.00
	Grand Total (A+B+C)	1,20.06,98,673.78	1,83,96,26,363.00	2,41,570.25	3,04,00,83,466.53	12,38,84,200.31	1,66,27,456.40	2,27,372.00	14,02,84,284.71	2,89,97,99,181.82	1,07,68,14,473,47
je N	The figure in Column "Deductions" unde	r Gross Block against th	le head Capital Work	n Progress repr	esents the transfer fro	m Work in Progress	to Assets during th	e year.			
	The figure in Column "Addittions du	ring the year under Gros	is Block against 1 to 1	4 include transfi	er from Work in Progre	sss during the year, a	is well as further ac	quisitions durin	g the year.		

NATIONAL INSTITUTE OF TECHNOLOGY GOA Schedules forming part of Balancesheet AS AT 31ST. March. 2023 Page 12 of 52

SCH	EDULES 5 (a) FIXED ASSETS PLAN GF	RANTS								Amount in	Rupees
			GROSS BL	OCK			DEPREC	IATION		NET BI	OCK
		Opening Balance			Closing Balance as	Depreciation Opening Balance as on	Depreciation	Deductions/	Total Depreciation as		0000 00 70
ÚN.	Assets Heads	85 ON U1.U4.2022	Additions	negucaous	62U2.6U.15 NO	2202.PU.TU	TOL UNG TOBL	Adjusument	00 31.03.2023	5202-50-LS	2202.00.15
-	(Land	x		8) i	Ĩ	w		×	×	æ
¢4	Site Development	×	5 4		<u>i</u>		T	*		30	æ
63	Buildings	29	а н ,) i	8	1	2	(ii	3	38	а
ব	I Roads & Bridges	30		<u>9</u>	1023	i de	3 1	9		6.0	24
47	Tube wells & Water Supply	; e	1	1	1		240	30	6.0	1.0	20
Φ	Sewerage & Drainage			÷)					•	•	•
-	Electrical Installations and equipments	39,86,836,50			39.86,836.50	5,42,363.00	1,99,344.00	8.00	7,41,699.00	32,45,137.50	34,44,473.50
- 00	I Plant and Machinery	1.22.60.974.99	1.82.041.00	33.009.00	1.24.10.006.99	33.35.671.00	6.22.157.00	19,821.00	39,38,007.00	84,71,999.99	89,25,303,99
0) Scientific & Lab. Equipments	3,86,72,044,60	22.87.014.00	50	4.09.59.058.60	1.60.38,133.00	32.41.543.96	X	1.92,79,676,96	2,16,79,381.64	2,26,33,911.60
ę	Office Equipments	15.02.733.00	29.768.00	ļ	15.32.501.00	4,28,666,00	1.14.940.00	7.00	5.43.599.00	9,88,902.00	10,74,067.00
Ŧ	Audeo Visual Equipment	49.68.519.25	84.450.00	13.200.00	50.39,769.25	23,46,763,00	3.78,976,00	12.371.00	27,13,368.00	23,26,401,25	26,21,756,25
1	Computer and Peripherals	4.39.07.275.73	1.00.12.458.00	1.83.740.00	5.37.35.993.73	3.71.19.250.73	49,69,301.00	1.83.741.00	4,19,04,810,73	1,18,31,183,00	67,88,025,00
: 🛱) Furniture: Fixtures & Fitings	2.55.98.777.87	2.72,151.00	11.621.25	2,58,59,307,62	1.40.04.677.00	19,40,340,00	11,392.00	1,59,33,625.00	99,25,682.62	1, 15, 94, 100, 87
4	Vehicles	32.14.129.00	N.		32,14,129,00	20,75,957,00	3,21,414,00	4,00	23,97,367.00	8,16,762.00	11,38,172.00
5	i Library Books & Scientific Journals	60,29,047,51		ġ.	60,29,047.51	41,11,299.00	4,43,363,44	15.00	45,54,647,44	14,74,400.07	19,17,748,51
91	Small Value Assets	12,44,583,58	73,351.00	ġ	13,17,934,58	12,44,497.58	73,344.00	3	13,17,841.58	93.00	86.00
	Total (A)	14,13,84,922.03	1,29,41,233.00	2,41,570.25	15,40,84,584.78	8,12,47,277.31	1,23,04,723.40	2,27,359.00	9,33,24,641.71	6,07,59,943.07	6,01,37,644.72
12	Capital Work in Progress (B)	57,23,14,541.00	45,80,389.00	3	57,68,94,930.00	•	T		5	57,68,94,930.00	57,23,14,541,00
						Depreciation Opening			Total		
Sc No	Intancible Assets	Opening Balance as on 01.04.2022	Additions	Deductions	Closing Balance as on 31.03.2023	Balance as on 01.04,2022	Depreciation for the Year	Deductions/ Adjustment	Depreciation as on 31.03.2023	31.03.2023	31.03.2022
1	I E-inumals (perpetual)	8.25.154.00	25	ja I	8.25.154.00	8,25,153.00	•		8,25,153.00	1.00	1.00
- 2	Computer software	3,16,32,525.00	17,33,485.00	9	3,33,66,010.00	3,01,06,732.00	19,52,464.00	1.00	3,20,59,195.00	13,06,815.00	15,25,793.00
8	1 Patents & Copyrights	8,32,791.00	2,83,274,00		11,16,065.00	2,08,553.00	1,24,011.00	5,00	3,32,559.00	7,83,506.00	6.24,238.00
	Total (C)	3,32,90,470.00	20,18,759.00		3,53,07,229.00	3,11,40,438.00	20,76,475.00	6.00	3,32,16,907.00	20,90,322.00	21,50,032.00
											2
	Grand Total (A+B+C)	74,69,89,933.03	1,95,38,381.00	2,41,570.25	76,62,86,743.78	11,23,87,715.31	1,43,81,198.40	2,27,385.00	12,65,41,548.71	83,97,45,195.07	63,46,02,217.72

NATIONAL INSTITUTE OF TECHNOLOGY GOA Schedules forming part of balancesheet as at 3151, March, 2023 Page 13 of 52

				UCK.				PECIATION			00X
S.No	Assets Heads	Opening Balance as on 01.04.2022	Additions	Deductions	Closing Balance as on 31.03.2023	Depreclation Opening Balance as on 01.04.2022	Deprectatio n for the Year	Deductions/ Adjustment	Total Depreciation as on 31.03.2023	31.03.2023	31.03.2022
	1 Land								•	•r v	
	2 Site Development						1		×		2
	3 Buildings	¢	10	£2	Ĩ	ų	.02	i.			
	Roads & Bridges	1		2		ġ.	n	R.		•2	(0))
Ť	5 Tubewells & Water Supply	3.		Ĭ					*	*	
-	Sewerage & Drainage	540	2.62	8	ĉ	ii.	2	ñ	÷1	۰.	*
	F Electrical Installation and equipment	- 1 0	10		1	49	303	9	а	(ii)	99
	3 Plant & Machinery	÷	N.			8	ĸ	8	K).	10	1956
	Scientific & Laboratory Equipment	3	25	1	λ.	1		ž	x	¥1	×
Ē	Diffice Equipment	540	2.50	3	2		9	1	34	æ	
T	1 Audio Visual Equipment			Ŕ	ě		(0)	ą	30	5 6	
-	2 Computers & Pheripherals			ě	3.45	×.	E.	ē	E	16 4 *12	
÷	3 Furniture. Fictures & Fittings	29	3	()		X		ž		# 2	
÷	1 Vehicles	2.40	2.16	0	<u>j</u>	9	2	3	э.	٠	
Ē	5 Library Books & Scientific Journals			1	ē	11417	(0) 	3		SK.	
Ē	S Small Value Assets	4		8	190		£1			24	
	Total (A)	a	2	9 1	19	•	*	1.	•1211	10	¢
	Capital Work in Progress (B)	42,65,85,763.00	1,81,82,49,356.00	0	2,24,48,35,119,00		33.	N.	ά ν	2,24,48,35,119.00	42,65,85,763.00
1 v	internetion Accerte	Opening Balance as on 01.04.2022	Additions	Deductions	Closing Balance as on 31.03.2023	Depreciation Opening Balance as on 01.04.2022	Depreciatio n for the Year	Deductions/ Adjustment	Total Depreciation as on 31.03.2023	31.03.2023	31.03.2022
	3 E-journals (perpetual)				100					a s	
⊢ 4	9 Computer software								RC 161	(0)) (1)	
	Total (C)	•	24	99		29			*	•	×
	Grand Total (A+B+C)	42,65,85,763.00	1,81,82,49,356.00		2,24,48,35,119.00	•	•	0	л е .	2,24,48,35,119.00	42,65,85,763.00

NATIONAL INSTITUTE OF TECHNOLOGY GOA Schedules forming part of Balancesheet as at 3151, March, 2023

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SCHEDULE 5C - INTANGIBLE ASSETS

										Amount i	I Rupees
		Opening Balance as on		Deduction	Closing Balance	Depreciation Opening Balance as on	Depreciation	Deductions <i>1</i>	Total Depreciation as		
Sr.N	Assets Heads	01.04.2022	Additions	ŝ	as on 31.03.2023	01.04.2022	for the Year	Adjustment	on 31.03.2023	31.03.2023	31.03.2022
	 E-journals (perpetual) 	8,25,154.00	×	•	8,25,154.00	8,25,153.00	R.		8,25,153.00	1.00	1.00
	2 Computer software	3,16,32,525.00	17,33,485.00	8000	3,33,66,010.00	3,01,06,732.00	19,52,464.00	1.00	3,20,59,195.00	13,06,815.00	15,25,793.00
	3 Patents & Copyrights	8,32,791.00	2,83,274.00	ж	11,16,065.00	2,08,553.00	1,24,011.00	5.00	3,32,559.00	7,83,506.00	6,24,238.00

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SCHEDULE 5 (C) (I) - PATENTS AND COPYRIGHTS

									Amount i	n Rupees
	Opening			Closing	Depreciation Opening			Total Depreciation		
Particulars	Balance as on 01.04.2022	Additions	Deductions	Balance as on 31.03.2023	01.04.2022	for the Year	Adjustment	31.03.2023	31.03.2023	31.03.2022
A, Patents Granted										
1. Balance as on 31.03.2023 of Patents obtained in 2008-09	4 1	•)	51	. 10	6	(10)	90	a	9 ,11	ā
(Original Value Rs										
2. Balance as on 31.03.2023 of Patents obtained in 2010-11	a	ø		21	1		,	30	×.	•
(Original Value Rs										
3. Balance as on 31.03.2023 of Patents obtained in 2012-13		•	×). 1	25	N.	r	R	95
(Original Value Rs										
4. Balance as on 31.03.2023 of Patents obtained in 2021-22	3,45,071.00	U.S.	<u>.</u>	3,45,071.00	38,341.00	38,341.00	ä	76,682.00	2,68,389.00	3,06,730.00
(Original Value Rs.3,45,071 /-)										
Total	3,45,071.00			3,45,071.00	38,341.00	38,341.00	i.	76,682.00	2,68,389.00	3,06,730.00
B. Patents Pending in respect of Patents applied for										
1 Expenditure incurred during 2016-17	23,520.00	(.)	5	23,520.00	18,297.00	2,614.00		20,911.00	2,609.00	5,223.00
2 Expenditure incurred during 2017-18	90'000'06	t	Ŀ	90'000'06	49,999.00	10,000.00	0.46	59,999.00	30,001.00	40,001.00
3 Expenditure incurred during 2018-19	90,500.00	а	9	90,500.00	40,224.00	10,056.00		50,280.00	40,220.00	50,276.00
4 Expenditure incurred during 2019-20	90,500.00	(⊅)	ä	90,500.00	30,168.00	10,056.00	2	40,224.00	50,276.00	60,332.00
5 Expenditure incurred during 2020-21	90,500.00	ĸ	K	90,500.00	20,112.00	10,056.00	, e	30,168.00	60,332.00	70,388.00
6 Expenditure incurred during 2021-22	1,02,700.00		3	1,02,700.00	11,412.00	11,412.00	ĩ	22,824.00	79,876.00	91,288.00
7 Expenditure incurred during 2022-23	8	2,83,274.00	a	2,83,274.00		31,476.00	5.00	31,471.00	2,51,803.00	R
Total	4,87,720.00	2,83,274.00		7,70,994.00	1,70,212.00	85,670.00	5.00	2,55,877.00	5,15,117.00	3,17,508.00
								-		
C. Grand Total (A+B)	8,32,791.00	2,83,274.00		11,16,065.00	2,08,553.00	1,24,011.00	5.00	3,32,559.00	7,83,506.00	6,24,238.00
				10 10 10 10 10 10 10 10 10 10 10 10 10 1						

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

	ARCH, 2023
	<u>S AT 31ST. M</u>
ITUTE OF TECHNOLOGY GOA	DRMING PART OF BALANCESHEET A
NATIONAL INST	SCHEDULES FI

SCH	IEDULES 5D FIXED ASSETS - OTHER:	S, SPONSORED PROJE	CTS ASSETS							Amount in	Rupees
			GROSS B	LOCK			DEPREC	ATION		NET BI	LOCK
					Closina	Depreciation Opening			Total		
S.N). Assets Heads	Opening Balance as on 01.04.2022	Additions	Deductions	Balance as on 31.03.2023	Balance as on 01.04.2022	Depreciation for the Year	Deductions/ Adjustment	Depreciation as on 31.03.2023	31.03.2023	31.03.2022
_	1 Land	3	л÷	æ			<u>i</u>	i.	•	ĸ	ž
	2 Site Development			5 4	1	§ 1	3	i.		30	
	3 Buildings	16	12	•11		8	5	, îl	2.03	2405	ι.
	4 Roads & Bridges		a.	æ		9	*	ĩ	4.:	90	î
	5 Tubewells & Water Supply	(1)	241	29	<u>19</u>	<i>1</i> .		Ĵ.		3	ä
	6 Sewerage & Drainage	R	10	¥2	E.	8	ι.		•0	E)	12
	7 Electrical Installation and equipment	1992 1	a	ä	2	0	<u>.</u>	Ĩ	ж	·	a.
	8 Plant & Machinery	3	540 1	(te)	9	0		ä		51	8
	9 Scientific & Laboratory Equipment	2,02,14,679.75	17,60,633.00	T	2, 19, 75, 312.75	62,04,706.00	17,58,041.00	ŝ	79,62,747.00	1,40,12,565.75	1,40,09,973.75
	10 Office Equipment	ł	51	91	<u>3</u>			ž		•	j,
,-	11 Audio Visual Equipment	8	e	6	e,		۲	36	9	5	
•	12 Computers & Pheripherals	61,09,198.00	77,993.00	×	61,87,191.00	45,46,370.00	4,77,477.00	2.00	50,23,845.00	11,63,346.00	15,62,828.00
,-	13 Furniture, Fictures & Fittings	<u>19</u>	-	3	25	0	ġ.	9	1	36	N.
	14 Vehicles	ι.	W.	r	12	<u>.</u>	<u>Q</u>	Ě	((•;))	1963	9
	15 Library Books & Scientific Journals	79,388.00	5	3 8 (79,388.00	39,700.00	7,940.00	5.00	47,635.00	31,753.00	39,688.00
	16 Small Value Assets	1		•	•						
	Total (A)	2,64,03,265.75	18,38,626.00		2,82,41,891.75	1,07,90,776.00	22,43,458.00	2.00	1,30,34,227.00	1,52,07,664.75	1,56,12,489.75
)`	17 Capital Work in Progress (B)	*	r	£				Ŭ,			
			3		Closing	Opening			Total		
Sr.N	to Intangible Assets	Opening Balance as on 01.04.2022	Additions	Deductions	Balance as on 31.03.2023	Balance as on 01.04.2022	Depreciation for the Year	Deductions/ Adjustment	Depreclation as on 31.03.2023	31.03.2023	31.03.2022
	18 E-iournals (perpetual)		2.00	30		12	29	Î		×	Ŧ
	19 Computer software	6,94,512,00	æ	e	6,94,512.00	6,94,509.00	583		6,94,509.00	3.00	3.00
	20 Patents & Copyrights	25,200,00	а	a.	25,200.00	11,200.00	2,800.00	8	14,000.00	11,200.00	14,000.00
	Total (C)	7.19.712.00			7.19.712.00	7,05,709.00	2,800.00	8	7,08,509.00	11,203.00	14,003.00

Note: The Addittions during the year include addittions from

Grand Total (A+B+C)

7.00 1,37,42,736.00 1,52,18,867.75 1,56,26,492.75

2,89,61,603.75 1,14,96,485.00 22,46,258.00

.

2,71,22,977.75 18,38,626.00

	red Projects 18,38,626.00	.oan 1,81,82,49,356.00	inds 1,95,38,381.00	1,83,96,26,363.00	
Earmarked Fi	Earmarked Fi Sponsored Pr	HEFA Loan	Own Funds	Total	

SCHEDULES 6: INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

	Amount i	n Rupees
	As at 31.03.2023	As at 31.03.2022
1 In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other approved securities	-	-
4. Shares	3	
5. Debentures and Bonds	-	-
6. Term Deposits with Banks	-	-
7. Others (to be specified)	-	-
TOTAL	-	-

SCHEDULES 6(A): INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS (FUNDS WISE)

		Amount i	n Rupees
	Funds	As at 31.03.2023	As at 31.03.2022
1		-	-
2			iii E
3			
4			≅
5	Endowment Fund Investments	-	-
	TOTAL		-

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

SCHEDULES 7: INVESTMENTS - OTHERS

Ω.	Amount i	n Rupees
	As at 31.03.2023	As at 31.03.2022
1. In Central Government Securities	-	-
 In State Government Securities Other approved securities 	-	-
4. Shares	(4)	-
5. Debentures and Bonds		5
6. Others (to be specified)		-
TÖTAL	-	

SCHEDULE 8 - CURRENT ASSETS	Amount i	n Rupees
	As at 31.03.2023	As at 31.03.2022
1. Stock		
a) Stores and Spares		22
b) Loose Tools	-	2
c) Publications	90 C	
 d) Laboratory Chemicals, consumables and glass ware 	E C	× .
e) Building Materail	1	<u>u</u>
f) Electrical Material		÷
g) Stationery	-	2
h) Water supply material		-
2. Sundry Debtors		
a) Debts Outstanding for a period exceeding six months	140	¥
b) Others	(=)	9
3. Cash and Bank Balances		
a) Cash in Hand		
Cash	<u>ت</u>	<u>a</u>
b) With Scheduled Banks:		
-In Current Accounts		2
-In Term Deposits Accounts	70,12,18,803.00	73,64,83,133.00
-In Savings Accounts	4,21,19,450.25	17,75,49,580.27
c) With Non - Scheduled Banks:		
-In Term Deposits Accounts		5
-In Savings Accounts	(#)	2
4. Post Office Savings Accounts	(#)	8
TOTAL	74.33.38.253.25	91.40.32.713.27

Note: Annexure A shows the details of Bank Accounts

ANNEXURE A	Amount i	n Rupees
	As at 31.03.2023	As at 31.03.2022
I. Saving Bank Accounts		
Canara Bank - NIT Goa HEFA Escrow 3 A/c. No1164101017423	1,88,363.00	14,13,03,255.00
Canara Bank - NIT Goa HEFA Escrow 4 A/c. No1164101017424	6,087.00	1,150.00
Union Bank of India CSAB/CCMT A/c No.SB/01/2538-520101026778293	2,44,909.90	86,716.90
Union Bank of India Growth Fund A/c No.SB/1935-520101026774646	7,31,635.64	2,08,038.78
Union Bank of India Hostel A/c No.SB/01/1250-520101026768530	40,27,810.38	4,65,731.61
Union Bank of India Mis. A/c No.SB/01/1915-520101026774476	43,355.74	52,008.18
Union Bank of India NITGOARC-SB/01/4333-520101026782665	18,275.90	17,806.30
Union Bank of India NIT Plan A/c No.\$B/000653-520101026763067	11,20,210.35	94,15,897.03
Union Bank of India NIT Plan A/c No.SB/01/4284-520101026782460	16,290.91	49,894.90
Union Bank of India NIT Plan A/c No.SB/01/4363-520101026782843	1,19,609.90	70,192.90
Union Bank of India SB - Director NIT GOA Fees A/c No. 520101253886	2,04,55,365.99	69,39,180.71
Union Bank of India NIT Goa HEFA Escrow 2 A/c. No		
520101263652423	24,044.10	23,447.90
Union Bank of India - NIT Goa Projects Overhead PDA SB A/c. No		
520101252614922	5,618.00	5,463.00
Union Bank of India SB/01/003573-520101026780557	1,51,17,873.44	1,89,10,797.06
II. Current Account		-
III. Term Deposits with Schedule Banks		
Investment -132823030000118-Convocation A/c	2,00,000.00	2,00,000.00
Investment A/c No132823030000037	50,00,000.00	50,00,000.00
Investment A/c. No132823030000040	2	90,00,000.00
Investment A/c. No132823030000041	90,00,000.00	90,00,000.00
Investment A/c. No132823030000043	90,00,000.00	90,00,000.00
Investment A/c. No132823030000045	90,00,000.00	90,00,000.00
Investment A/c No - 132823030000067	1,85,00,000.00	1,85,00,000.00
Investment A/c No - 13282303000068	1,85,00,000.00	1,85,00,000.00
Investment A/c No - 13282303000069	1,67,98,750.00	1,67,98,750.00
Investment A/c No - 132823030000070	1,85,00,000.00	1,85,00,000.00
Investment A/c No - 132823030000071	1,85,00,000.00	1,85,00,000.00
Investment A/c No - 132823030000072	1,85,00,000.00	1,85,00,000.00

Investment A/o No. 132823030000074	1 85 00 000 00	1 85 00 000 oo l
10/vestment A/c No - 1020200000014	1 22 06 250 00	1 33 96 250 00
Investment A/G NO - 132823030000075	1,33,90,230.00	1,40,00,200,00
Investment A/c. No 132823030000115 - DASA	1,40,00,000.00	1,40,00,000,00
Investment Ac. no132823030000116	8,00,000.00	8,00,000.00
Investment A/c, No. 132823030000117 Misc Fines A/c	3,50,000.00	3,50,000.00
Investment A/c No. 132823030000231	72,12,014.00	- 1
Investment A/c No. 132823030000232	57,69,612.00	22
Investment A/c No.530401024340745	¥	99,00,000.00
Investment A/c No.530401024340752	·=	99,00,000.00
Investment A/c No -530401024340783	с <u>н</u>	99.00.000.00
Investment A/c No. 530401024340790		99.00.000.00
Investment A/e No. 530401024340906		99.00.000.00
Investment A/c No530401024340606	00 00 000 00	00,000,000
Investment A/c No530401024340851	99,00,000.00	99,00,000.00
Investment A/c No530401024340875	99,00,000.00	99,00,000.00
Investment A/c No530401024340905	99,00,000.00	99,00,000.00
Investment A/c No530401024340943	99,00,000.00	99,00,000.00
Investment A/c No.530401024340967	99,00,000.00	99,00,000.00
Investment A/c No530401024340974	99,00,000.00	99,00,000.00
Investment A/c No530401024340981	99,00,000.00	99,00,000.00
Investment A/c No -530401024341018	99.00.000.00	99.00.000.00
Investment A/c No -530401024341025	99.00.000.00	99.00.000.00
Investment A/c No. 530401024341040	99,00,000,00	99.00.000.00
Investment A/c No500401024341043		99.00.000.00
Investment A/c No530401024341003	99,00,000.00	00,000,000
Investment A/c No.530401024341094	99,00,000.00	99,00,000.00
Investment A/c No530401024341131	99,00,000.00	99,00,000.00
Investment A/c No530401024341179	99,00,000.00	99,00,000.00
Investment A/c No530401024341186	99,00,000.00	99,00,000.00
Investment A/c No530401024341223	99,00,000.00	99,00,000.00
Investment A/c No530401024341247	99,00,000.00	99,00,000.00
Investment A/c No530401024341285	99,00,000.00	99,00,000.00
Investment A/c No530401024341308	99,00,000.00	99,00,000.00
Investment A/c No530401024341377	99.00.000.00	99,00,000.00
Investment A/c No -530401024341384	99.00.000.00	99.00.000.00
Investment A/e No520401024341391	99,00,000,00	99.00.000.00
Investment A/e No. 520401024341445		99,00,000,00
Investment A/c No530401024341445	60,00,000.00	60.00.000.00
Investment A/C N0.530401024342312-DASA A/C	4.07.000.00	4 27 600.00
Investment A/c. No. 530401024342527-Hostel Dev. Fund	1,27,600.00	7.00.000.00
Investment A/c No530401024342695-Misc. Fines	7,00,000.00	7,00,000.00
Investment A/c No530401024342749	7,00,000.00	7,00,000.00
Investment A/c No530401034273484	99,00,000.00	99,00,000.00
Investment A/c No530401036091840	90,00,000.00	90,00,000.00
Investment A/c No530401036092069	.12	70,00,000.00
Investment A/c No530401036092236	·	70,00,000.00
Investment A/c No -530401036092502	40.00.000.00	40,00,000.00
Investment A/c, No 530401041263874	1 50 00.000.00	1.50.00.000.00
Investment A/c No -530401041264000 - Misc. Fines	10,00,000,00	10.00.000.00
Investment A/e No000401041264000 - Miss. Filles	4 00 000 00	4 00 000 00
Investment A/c No.550401041204291-Alumin	15 00 000 00	15 00 000 00
Investment A/C NO.530401041204309-USAB	15,00,000.00	10,00,000.00
Investment A/c. No.530401041264482 - Hostel	60,00,000.00	60,00,000.00
Investment A/c. No.530401041264567-DASA	66,00,000.00	66,00,000.00
Investment A/c. No 530401041288907	1,50,00,000.00	1,50,00,000.00
Investment A/c No.530401042096051	÷ .	30,00,000.00
Investment A/c. No. KCC/01/170012-530401087497108	53,59,295.00	53,59,295.00
Investment A/c. No. KCC/01/170013-530401087497159	2	53,59,295.00
Investment A/c. No. KCC/01/170015-530401087497132	37.51.507.00	37,51,507,00
Investment A/c, No. KCC/01/170016-530401087497140		42.87.436.00
Investment A/c. No. KCC/01/170017-530401087407116	53 59 295 00	53,59,295,00
Investment A/o, No, NOO/01/17/0017-330401007497110	<u>8 00 000 00</u>	8 00 000 00
Investment AVC, NUNUC 330401721030914	0,00,000.00	27 00 000 00
Investment GOAD NO. 152625050000114	27,00,000.00	
Canara Bank Investment No. 140026634988/1	4 00 00 000 00	1,95,00,000.00
Canara Bank Investment No. 140026634988/17	1,90,00,000.00	3 2 3
Canara Bank Investment No. 140026634988/18	1,90,00,000.00	-
Canara Bank Investment No. 140026634988/19	1,90,00,000.00	100 A
Canara Bank Investment No. 140026634988/2	÷ .	1,97,00,000.00

Canara Bank Investment No. 140026634988/20	1,90,00,000.00	- 1
Canara Bank Investment No. 140026634988/21	1,90,00,000.00	5 5
Canara Bank Investment No. 140026634988/22	1,90,00,000.00	3e
Canara Bank Investment No. 140026634988/23	1,90,00,000.00	29 <u>7</u>
Canara Bank Investment No. 140026634988/24	43,93,705.00	©⊇
Canara Bank Investment No. 140026634988/25	1,14,10,775.00	12
Canara Bank Investment No. 140026634988/3		1,98,00,000.00
Canara Bank Investment No. 140026634988/4	2 ²	1,99,00,000.00
Canara Bank Investment No. 140026634988/5	*	1,94,00,000.00
Canara Bank Investment No. 140026634988/6	× .	1,95,00,000.00
Canara Bank Investment No. 140026634988/7	-	1,90,00,000.00
Canara Bank Investment No. 140026634988/8	-	43,93,705.00
Canara Bank Investment No. 145000195519/1	2,92,90,000.00	
Total	74,33,38,253.25	91,40,32,713.27

SCHEDULE 9 - LOANS, ADVANCES & DEPOSITS

	As at 31.	.03.2023	As at 31.	03.2022
1 Advances to employees: (Non Interest begging)				
 Advances to employees. (Non - Interest bearing) a) Salary 				
b) Feetival				
c) Medical Advance	2		2	
d) Others (to be Specified)	69 176.00	69.176.00	-	-
 Advances to employees: (Non - Interest bearing) 		,		
a) Vehicle Loan	쁰		-	
b) Home Loan	+		5	
c) Others (to be Specified)	<u> </u>	(S)	B	026
3. Advances and other amounts receiverable in cash				
or in kind or for value to be received:				
a) On Capital Account	5,84,98,729.00		27,65,51,220.00	
b) to Suppliers	-		.≅	
c) Others (Sub Schedule 7)	¥	5,84,98,729.00	¥	27,65,51,220.00
4. Prepaid Expenses				
a) Insurance	5			51.00 0 10 00
b) Other Expenses (Sub Schedule 7)	· · · · · · · · · · · · · · · · · · ·		54,98,940.00	54,98,940.00
5. Deposits				
a) Telephone (Sub Schedule 8)	5		F 00 000 00	
D) Lease Rent (Sub Schedule 8)	E 00 000 00		5,00,000.00	
c) Electricity d) AICTE if opplies ble	5,00,000.00		3 2	
a) Altore, in applicable		5 00 000 00		5 00 000 00
6 Income Accrued:		3,00,000.00		0,00,000.00
 a) On Investments from earmarked/endow. Funde 	2		<u></u>	
 b) On Investments roll carmance/endow. Funds b) On Investments - others (Sub Schedule 7) 	3 20 33 308 70		2 64 42 647 70	
c) On Loans and Advances	0,20,00,000.10		2,04,42,041.10	
d) Others (Includes Income due unrealised Rs)	23 24	3,29,33,398,70	-	2.64.42.647.70
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			3	
d) Other receivables from UGC				-
8. Claims Receivable		5,99,396.64		44,08,427.19
TOTAL		9,26,00,700.34		31,34,01,234.89

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, 2023

	Amount in	Rupees
	2022-2023	2021-2022
FEES FROM STUDENTS		
Academic		
1. Tuition fee	3,92,14,517.00	4,93,99,077.00
2. Admission fee	36,000.00	42,000.00
3. Enrolment fee		
4. Library Admission fee	-	
5. Laboratory fee		-
6. Art & Craft fee		
7. Registration fee	-	-
8. Syllabus fee		
9. Other Fee	22,66,033.00	28,18,000.00
10. Application Fee	1,07,300.00	1,56,500.00
Total (A)	4,16,23,850.00	5,24,15,577.00
Examinations		
1. Admission test fee	-	
2. Annual Examination fee		
3. Mark sheet, certificate fee		-
4. Entrance examination fee		
Total (B)	and the first state of the	, ()(
Other Fees		
1. Identity card fee	-	-
2. Fine/ Miscellaneous fee	1,49,648.00	80,036.39
3. Medical fee	-	
4. Transportation fee		
5. Convocation fee	3,22,551.00	-
6. Hostel fee	-	3,90,700.00
Total(C)	4,72,199.00	4,70,736.39
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	5,91,000.00	3,500.00
2. Registration fees (Academic Staff College)	-	
Total (E)	5,91,000.00	3,500.00
GRAND TOTAL (A+B+C+D+E)	4,26,87,049.00	5,28,89,813.39

SCHEDULE 10 - ACADEMIC RECEIPTS

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 PERIODYFEAR ENDED 31ST, MARCH, 2023

SCHEDULE 11- GRANTS /SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

						eld	-			F	TIMOUNT	seadow u
							nci	0				
	OH-31 (General)	OH-31 (HEFA Loan Principal)	OH-31 (HEFA Loan Interast)	OH-36 (Salartes)	OH-35 (Capital)	Govt. of India	Ø	pecific		Non Plan		
rticulars							Plan S	chemes	Total Plan	Sol	As at 31.03.2023	As at 31.03.2022
	5,50,62,496,02	21,17,92,500.00	(75,69,848.00)	4,83,45,642,73	6,09,32,870.41	36,85,63,661.16	9	l.	36,85,53,561,16	ò	36,95,63,661.16	72,53,11,223,29
during the year for	0,26,00,000,00			17,18,00,000,00	24	25,44,00,000.00	ŝ	()	25,44,00,000.00	į.	25,44,00,000.00	21,54,75,000,00
during the year	(ä	21,17,92,500.00	6,35,18,615,00	0	x	27,53,11,115.00			27,53,11,115.00		27,53,11,115.00	21,54,30,743.00
Loan repayment												
erest) • for Patiement	3	3		a	9	1			Ĩ		,	4.66.22.732.00
rior rears whack			6	6	5			_			C	
eamed during the year	86,41,945,00			30.09.253.00	44,96,364.00	1,61,47,462.00		•	1,61,47,462.00	ř.	1.61.47.462.00	2,00,27,164.00
Total	14,63,04,341.02	42,35,85,000.00	5,59,48,767.00	22,31,54,895.73	6,54,29,234.41	91,44,22,238.16	10.00	•	91,44,22,238.16		91,44,22,238.16	1,22,28,66,862.29
back to MOE /	1,75,12,457,65		•	3,22,09,043.00	∎€	4,97,21,500.66	1200	e	4,97,21,500.65	•	4,97,21,500,65	7,57,38,540.00
Grants In TSA	06 16 971 00			24 51 318 00	79 89 975 DD	2 DD 27 164 DD			2.00.27.164.00		2.00.27.164.00	16.10.85.783.18
the MOE			12								8	
	11.91,76,012.37	42,35,85,000.00	5,59,48,767.00	18,85,24,534.73	5,74,39,259.41	84,46,73,573.61	•		84,46,73,573.51		84,46,73,573.51	98,60,42,539.11
or Capital	ه)		59	::*	1,95,38,381,00	1,95,38,381.00	ġ.	ų.	1,95,38,381.00	ł	1,95,38,381.00	39,97,47,202.00
5 (A)											7 35 000 01	,
or Capital	ii.	A		×	2,35,088.84	2,35,000.84	•	•	7,30,008,64	•	40'000'00'Z	Ľ
35 (not considered in 2. F.Y-2015-16) (A(i))			ič.									
Malance	11.91.76.012.37	42,35,85,000,00	5,69,48,767.00	18,86,24,534.73	3,76,65,789.57	82,49,00,103.67	•	•	82,49,00,103.67	•	82,49,00,103.67	58,62,95,337.11
for HEFA Loan	<u>9</u>	31,76,88,750.00	,			31,76,83,760.00			31,76,88,750.00	•	31,76,80,750,00	04
syment))				0 40 80 476 00	ý	0.40.60.476.00	1 10 00 00 1 V
for HEFA Loan	Ň	21	9,10,69,175.00	•7		8,10,68,176.00			n'on' 100'01' R	(a, 10,08, 17.0.00	ו' ול'הם'הם יתי
(ment (B)	0.05 10 400 24			59	1.	o.06.40.408.24	9	34	9.06.10.409.24	•	9.06.10.409.24	7,26,08,063,96
TOT CERTER A SVEILUE	+7 com'n1 '00's	0.	0			Lataticat Canto						
for Salaries	<u>()</u>	đ))	14, 12, 76, 248.35	96	14,12,76,248.36			14, 12, 76, 248.35		14,12,76,248.35	13,39,15,531.00
S6 (D)						40 100 00 00 00	T	Ť	10 10 10 10 00		40 10 55 55 54 05	46 02 C3 C64 40
nce C/F (E)	2,85,65,603.13	10,68,96,260.00	(3,51,20,408.00)	4,72,48,286.38	3,76,65,789.67	80"LZC"90"Z4"RL		•	00.120,00124,0T		00.130,00,24,01	Al - I AD'OD'OD'OD'OD

A & A(i) - Appears as addition to Capital Fund as well as additions to Fixed Assets during the year. B, C & D- Appears as income in the income & Expenditure Account. E - (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.

Particulars	General - 31	General -31 HEFA Principal	General -31 HEFA Interest	Salaries - 36	Total
Expenditure as per Expenditure	9,25,75,152,64	31,76,58,750.00	9,10,69,175,00	17,62,03,803.35	67,75,36,880.99
schedules (Non Plan column) of the					
Income and Expenditure Account					
Less; Provision made in the year for	9	0.5	8	2,34,67,732.00	2,34,67,732.00
retirement benefits					
Add: Actual payments made in the year	2			32,02,752.00	32,02,752.00
for retirement benefits					
Less: Depreciation during the year	1,66,27,318,40	(4)		84	1,66,27,316.40
Add/Less: Salary of Contract Staff to	1,46,62,575,00	•	8	(1,46,62,575.00)	
booked in General-31					
Revenue expenditure met out of non -					
plan grants.	9,06,10,409.24	31,76,68,750.00	9,10,69,175.00	14,12,76,248.35	64.06.44,582.59

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NATIONAL INSTITUTE OF TECHNOLOGY GOA

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2023

SCHEDULE 12: INCOME FROM INVESTMENTS			Amount in	Rupees
	Investment from E	armarked Fund	Investmen	t -Others
	2022-2023	2021-2022	2022-2023	2021-2022
1. Interest				
a. On Govt. Securities			5 8	
b. Other Bonds/Debentures		8	20	<u></u>
2. Interest on Term Deposits	, × (-	2,12,76,308.00	1,92,09,617.00
3. Income accrued but not due on Term				
Deposits/Interest bearing advances to employees	~	2.54	• •	1.53
4. Interest on Savings Bank Accounts	5,22, 4 42.00	4,70,771.00	-	-
5. Others (Specify)	σ <u>u</u>			
TOTAL	5,22,442.00	4,70,771.00	2,12,76,308.00	1,92,09,617.00
Transferred to Earmarked / Endowment Funds	5,22,442.00	4,70,771.00		5.51
Balance	6	i.	2,12,76,308.00	1,92,09,617.00

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 -13: INTEREST EARNED	Amount in	Rupees
	2022-2023	2021-2022
1. On Savings Account with Scheduled Banks	2,86,957.00	5,61,946.00
2. On Loans		
a. Employee/Staff	-	3. .
b. Others	÷	3 4 3
3. Interest on Debtors and Other Recoverables	÷	
TOTAL	2,86,957.00	5,61,946.00

Note:

1. The amount against item 1, in respect of Bank Accounts of Earmarked/Endowment Funds is dealt with in Schedule 12 (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, 2023

SCHEDULE 14· OTHER INCOME

Income from Land & Buildings	/ disclosed.		Amount in	Rupees
1 Hostel Doom Boat	-2202	2023	2021-2	2022
1. Hoster Routh Rent 2. License fee	30,33,780.00		•	
3. Hire Charges of Canteen/Auditorium/Play ground/Convention Centre, etc	1,74,000.00			
 Electricity charges recovered Water charges recovered 			•	
. Sale of Institute's publications		32,07,780.00		1
. Income from holding events				
1. Gross Receipts from annual function/ sports carnival				
Less: Direct expenditure incurred on the annual function/ sports carnival				
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		ē		
4. Others (to be specified & separately disclosed)		•		.1
Gross Receipts from Workshops, Short Term courses, etc Less: Direct expenditure incurred on Workshops, Short Term courses, etc.	1,55,000.00		5,700.00	
. Others	00.000,71,1	31,345.00	15,986.00	(10,286.00)
1. Income from consultancy				
2. Income from Overheads of Sponsored Projects	5.64.552.00		4 30 178 00	
2. RTI fees	108 00		150.00	
3. Income from Royalty	-		00.001	
4. Sale of application form (recruitment)				
5. Misc. receipts (Sale of tender form, waste paper, etc.)	•			
6. Profit on Sale/disposal of Assets				
a. Owned assets				
b. Assets received free of cost				
7. Grants/Donations from Institutions, Welfare Bodies and International				
Organizations				

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23,048.92 11,000.00 26,397.00 68,959.60 5,59,733.52	5,49,447.52		Amount in Rupees		,	
9,016.00 - 1,13,938.84 6,87,614.84	39,32,739.84		2023-2023			
 Foreign Exchange Gain Recruitment Application Fees Salary in Lieu of Notice Others (specify) (Credit Balances w/off / Liquidated Damages) 	Total	SCHEDULE 15- PRIOR PERIOD INCOME	Particulars	1. Academic Receipts 2. Income from Investments 3.1nterest earned 4. Other Income	Total	

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2023 NATIONAL INSTITUTE OF TECHNOLOGY GOA

SCHEDULE 16- 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
		2022-2023			2021-2022	
Particulars	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Salaries and Wages						
Teaching Staff	9,33,27,112.00		9,33,27,112.00	8,38,55,555.00		8,38,55,555.00
Non Teaching Staff	2,55,09,093.00		2,55,09,093.00	2,28,10,088.00		2,28,10,088.00
Contractual Teaching Staff	1,19,63,927.00		1,19,63,927.00	86,95,956.00		86,95,956.00
Contractual Non Teaching Staff	26,98,648.00		26,98,648.00	23,92,385.00		23,92,385.00
b) Allowances and Bonus	1,97,360.00	<u>s</u>	1,97,360.00	2,84,376.00	2	2,84,376.00
c) Contribution to Provident Fund	r	8	ţ.	Ň		Ø.
d) Contribution to Other Fund	1.00	۲).		() ()
e) Staff Welfare Expenses	88,382.00		88,382.00	59,529.00	iii	59,529.00
d) Retirement and Terminal Benefits	3,70,57,413.00	į	3,70,57,413.00	3,26,67,623.00	10	3,26,67,623.00
g) LTC facility	13,90,339.00	•	13,90,339.00	3,42,948.00		3,42,948.00
h) Medical facility	6,20,808.00	3	6,20,808.00	10,04,613.00	()	10,04,613.00
) Children Education Allowance	11,97,000.00	ļ.	11,97,000.00	9,27,000.00	340	9,27,000.00
() Honorarium	ĩ	9	145) 20	8	•	•
k) CPDA Expenses	15,56,148.35	ŀ	15,56,148.35	10		۲
() Others (Lien contribution)	5,97,573.00	9	6,97,573.00	10,49,755.00		10,49,755.00
TOTAL	17,62,03,803.35		17,62,03,803.35	15,40,89,828.00		15,40,89,828.00

SCHEDULE 16 A- EMPLOYEES RETIREMENT AND TERMINAL BENEFITS			Amount in	Rupees
Particulars	Pension	Gratutiy	Leave Encashment	Total
Opening Balance as on 01.04.2022	*	1,93,44,760.00	4,74,52,269.00	6,67,97,029.00
Addition : Capitalized value of Contributions Received from other Organizations	ſ	7,107.00	18,952.00	26,059.00
Total (a)		1,93,51,867.00	4,74,71,221.00	6,68,23,088.00
Less: Actual Payment during the Year (b)	•	14,33,409.00	17,69,343.00	32,02,752.00
Balance Available on 31.03.2023 c (a-b)	•	1,79,18,458.00	4,57,01,878.00	6,36,20,336.00
Provision required on 31.03.2023 as per Actuarial Valuation (d)	•2	1,76,71,682.00	6,94,16,386.00	8,70,88,068.00
A. Provision to be made in the As at 31.03.2023 (d -c)	*	(2,46,776.00)	2,37,14,508.00	2,34,67,732.00
B. Contribution to New Pension Scheme				1,35,89,681.00
C. Medical Reimbursement to Retired Employees				Ð)
D. Travel to Hometown on Retirement				φ.
E. Deposit Linked Insurance Payment				•
Total (A+B+C+D+E)				3,70,57,413.00
Note:				

The total (A+B+G+D+E) in this sub schedule will be the figure against Retirement and Terminal Benefits in Schedule 16.
 Items B,C,D&E will be accounted on accrual basis and will include bills preferred but outslanding for payment on 31.3.2023.

NATIONAL INSTITUTE OF TECHNOLOGY GOA

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2023

SCHEDULE 17- ACADEMIC EXPENSES

Amount in Rupees

-	_	-	_		_	_			-		_		-	-
	Total	53,488.00			12,73,641.00		63,027.00	3	2,65,635.00		3,29,10,646.00	(1,66,511.00)		3,43,99,926.00
2021-2022	Non Plan	ł.		Į	Ĩ	ų.		1	1	1			1	•
	Plan	53,488.00	I	1.00	12,73,641.00	•	63,027.00	1	2,65,635.00	Ĩ	3,29,10,646.00	(1,66,511.00)	3	3,43,99,926.00
	Total	10,75,123.00	1,13,014.00	800	11,38,940.00	41,316.00	22,51,963.00	7,295.00	16,30,015.00	I	2,16,94,051.00	40,73,059.00	2	3,20,24,776.00
2022-2023	Non Plan	E	в	ı	л	ı	г	818	া	1	Ľ	018	1	•
	Plan	10,75,123.00	1,13,014.00	300	11,38,940.00	41,316.00	22,51,963.00	7,295.00	16,30,015.00	X	2,16,94,051.00	40,73,059.00	S H (3,20,24,776.00
	Particulars	a) Laboratory expenses	b) Field work/Participation in Conferences	c) Expenses on Seminars/Workshops	d) Payment to visiting faculty	e) Examination	f) Student Welfare expenses	g) Admission expenses	h) Convocation expenses	i) Publications	j) Stipend/means-cum-merit scholarship	k) Subscription Expenses	I) Others (specify)	TOTAL

SCHEDILIE 18. ADMINISTRATIVE AND GENERAL EXPENSES

SCHEDULE 18- ADMINISTRATIVE AND GENE	ERAL EXPENSES				Amou	nt in Rupees
		2022-2023			2021-2022	
Particulars	Plan	Non Plan	Total	Plan	Non Plan	Total
A. Infrastructure						
a) Electricity and power	25,21,092.00	303	25,21,092.00	16,65,953.00	ı	16,65,953.00
b) Water charges	5,83,712.00	1	5,83,712.00	1,29,821.00	E	1,29,821.00
c) Insurance	ä	L	ï	н 16	6	6468
d) Rent, Rates and Taxes (including						
property tax)	6,17,880.00	j	6,17,880.00	6,17,399.00	r	6,17,399.00
B. Communication						
e) Postage and Stationery	5,011.00	ī	5,011.00	11,260.00		11,260.00
f) Telephone, Fax and Internet Charges	6,42,818.00	L.	6,42,818.00	6,48,822.00		6,48,822.00

C. Others						
g) Printing and Stationery (consumption)	14,45,572.00	ı	14,45,572.00	5,31,587.00	1	5,31,587.00
h) Travelling and Conveyance Expenses	13,88,692.00	•	13,88,692.00	95,300.00	ı	95,300.00
i) Hospitality	5,48,392.00	ı	5,48,392.00	4,32,534.00	r	4,32,534.00
j) Auditors Remuneration	5,23,920.00	ı	5,23,920.00	4,07,475.00	1.12	4,07,475.00
k) Professional Charges	28,320.00	•	28,320.00	11,800.00	8	11,800.00
I) Advertisement and Publicity	a	•		2,13,756.00	я	2,13,756.00
m) Magazines & Journals	23,316.00	•	23,316.00	20,947.00	R	20,947.00
n) Staff Recruitment/Training Expenses	51,885.00	•	51,885.00	66,960.00	Б	66,960.00
o) Medical Expenses	5,20,304.00		5,20,304.00	3,57,007.00	30	3,57,007.00
p) Seed Money / PDA Expenses	86,745.00		86,745.00	2,84,655.00	a	2,84,655.00
q) Security Expenses	1,05,59,320.00	ı	1,05,59,320.00	86,22,038.00	ı	86,22,038.00
r) Membership	J.	ı	•:	Ð	I	112
s) Foreign Exchange Loss	36,509.08		36,509.08	800.00	8005	800.00
t) GST Paid	87,203.00	ı	87,203.00	7,11,487.00	ı	7,11,487.00
u) Miscellaneous Expenses	3,25,507.25	ł	3,25,507.25	23,710.00	r	23,710.00
TOTAL	1,99,96,198.33		1,99,96,198.33	1,48,53,311.00	•	1,48,53,311.00
SCHEDULE 19-TRANSPORTATION EXPENSE	S				Amoui	nt in Rupees
		2022-2023			2021-2022	
Particulars	Plan	Non Plan	Total	Plan	Non Plan	Total
1 Vehicles (owned by institution)						
a) Running expenses	7,33,771.00	ñ	7,33,771.00	6,09,791.00	80	6,09,791.00
b) Repairs & maintenance	Ĩ	î			3 1	a
c) Insurance expenses	35,135.00	3	35,135.00	78,070.00	ı	78,070.00
2 Vehicles taken on rent/lease						
a) Rent/lease expenses	15,63,374.00	Ĩ	15,63,374.00	16,46,800.00	818	16,46,800.00
3 Vehicle (Taxi) hiring expenses	7,800.00	i.e	7,800.00	20,438.00	1	20,438.00
TOTAL	23,40,080.00	•	23,40,080.00	23,55,099.00	I	23,55,099.00

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NATIONAL INSTITUTE OF TECHNOLOGY GOA

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR PERIOD/YEAR ENDED 31ST, MARCH, 2023

SCHEDULE 20- REPAIRS & MAINTENANCE					Amou	nt in Rupees
		2022-2023			2021-2022	
Particulars	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Buildings	3,39,646.00	ĩ	3,39,646.00	17,35,367.00	I.	17,35,367.00
b) Furniture & Fixtures	26,443.00	3	26,443.00	•	т	i.
c) Plant & Machinery	E	J.	a∎s	() •)}	t	7257
d) Office Equipment	23, 16, 603.00	Ĭ	23,16,603.00	2,65,621.50	ı	2,65,621.50
e) Computers (including Software)	28,43,581.00	ġ.	28,43,581.00	49,02,322.00	ы	49,02,322.00
) Laboratory & Scientific equipment	ı	ĸ	15		I	
g) Audio Visual equipment	а	3	•	•	x	
n) Cleaning Material & Services	1,59,59,022.00	•	1,59,59,022.00	1,38,55,343.00	т	1,38,55,343.00
) Book binding charges		Ĩ	•	ĸ	Ľ	
) Gardening	2 10 (•	•	а	ł
 K) Estate Maintenance 	E	i)			1	(9)
) Others (Specify)	60,740.00	Ŭ,	60,740.00	2,19,494.00	'	2,19,494.00
Total	2,15,46,035.00	•	2,15,46,035.00	2,09,78,147.50	•	2,09,78,147.50
SCHEDULE 21- FINANCE COSTS					Amou	nt in Rupees

SCHEDULE 21- FINANCE COSTS

1,12,08,091.00 1,12,30,043.30 21,952.30 Total 2021-2022 Non Plan 1,12,08,091.00 1,12,30,043.30 21,952.30 Plan 9,11,10,904.13 9,10,69,175.00 41,729.13 Total 2022-2023 Non Plan ï 9,11,10,904.13 41,729.13 9,10,69,175.00 Plan Total Particulars b) Interest on HEFA Loan c) Others (specify) a) Bank charges

Internal Auditors Note:

The NIT Goa has taken HEFA Loan for the construction of new campus at Cuncolim. As per the Accounting Standard - 16 if any loan has been taken for creation of Capital Assets and utilised for that purpose, interest paid on that specified loan has to be capitalised as capital expenditure till the date of completion and should be added with the cost of assets. As per the financial statement prepared by the management we have noticed that the constuction work of New campus building are still in progress and the management has claimed the interest paid on HEFA loan as revenue expenditure during the year considered as current year expense. 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 22- OTHER EXPENSES

SCHEDULE 22- OTHER EXPENSES					Amou	nt in Rupees
		2022-2023			2021-2022	
Particulars	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Provision for Bad and Doubtful Debts/Advances		ĩ		•	¢,	R
b) Irrecoverable Balances Written- off	(a	ä	ı	40.00	ı	40.00
c) Grants/Subsidies to other						
institutions/organizations	Ľ	ŧ	ſ	101	ı	[9
d) Others (specify)	×	Ĩ	-	1	1	
Total	a	a	æ	40.00	•	40.00

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 23: PRIOR PERIOD EXPENSES

					nonder III
	2022-2023			2021-2022	
Plan	Non Plan	Total	Plan	Non Plan	Total
	ł		1	I	ı
r	N.	0.00	305	0	3
21	•	•	I	E	.
	(9)	,	1	а	1
,	ï	L.	ı	æ	۲
t	0			1	
al -	•	2. .	•	•	•
I I I I X		2022-2023 2022-2023 Plan Non Pian	2022-2023 2022-2023 Plan Non Plan Total	2022-2023 2022-2023 Plan Non Plan Total Plan Plan	2022-2023 2022-2023 2021-2022 Plan Non Plan Total Plan Non Plan - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - al - - - - - - - - - al - <

NATIONAL INSTITUTE OF TECHNOLOGY GOA CHEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDED 31ST, MARCH.		2023
NATIONAL INSTITUTE OF TECHNOLOGY GOA CHEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDED 31ST.		MARCH,
NATIONAL INSTITUTE OF TECHNOLOGY GOA HEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDE		D 31ST,
NATIONAL INSTITUTE OF TECHNOLOG HEDULES FORMING PART OF ACCOUNTS FOR PERIODIYE	Y GOA	AR ENDE
NATIONAL INSTITUTE OF TEC HEDULES FORMING PART OF ACCOUNTS FOR PE	HNOLOG	RIOD/YE
NATIONAL INSTITUTE HEDULES FORMING PART OF ACCOUNTS	E OF TEC	S FOR PE
NATIONAL IN HEDULES FORMING PART OF AC	ISTITUTE	COUNTS
NAT HEDULES FORMING PAF	IONAL IN	RT OF AC
HEDULES FORM	NAT	MING PAF
HEDULE		ES FORN
		HEDULE

SCHEDULE -24 - SIGNIFICANT ACCOUNTING POLICIES

1) BASIS FOR PREPARATION OF ACCOUNTS

Revised formats of accounts of Central Educational Institutions. The accounts are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method The Institute is governed by "The National Institute of Technology Act 2007". As per MOE, GOI Letter No. 29-4/2012-IFD DT 17.04.2015 the accounts of the Institute is prepared in 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 receipt 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 to the extent utilized towards capital expenditure (on accrual basis), government grants and grants from MOE are transferred to the Capital Fund. While computing the capital expenditure met out of grants during the year (for the purpose of crediting to Capital Fund) care has been taken to exclude from the additions during the year (column 2 of Gross Block) the work in progress transferred to the Asset Accounts during the year.

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:

%

		int	
I GINAINIC 20000	1. Land	2. Site Developme	Buildings

2. Site Development	%0		
3. Buildings	2%		
4. Roads & Bridges	2%		
5. Tubewells & Water Supply	2%		
6. Sewerade & Drainade	2%		
7. Electrical Installation and equipment	5%		
8. Plant & Machinery	5%		
 Scientific & Laboratory Equipment 	8%		
10. Office Equipment	7.5%		
11. Audio Visual Equipment	7.5%		
20% 7.5%	10%	40%	40% 9 Years
------------------------------------	---	--	-------------------------
12. Computers & Pheripherals	14. venicies	<u>Intangible Assets (amortization):</u>	2. Computer software
13. Furniture, Fixtures & Fittings	15. Library Books & Scientific Journals	1. E-iournals (perpetual)	3. Patents & Copyrights

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

3.6 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. 3.7 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. 3.8 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 transfered 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

Expenditure on purchase of chemicals, glassware, publications and other stores is accounted as revenue expenditure during the year of purchase. NIT GOA is located in transit campus till date and since there is space constraint, stores and spares are purchased to the extent required.

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 accural basis (actual payments plus outstanding bills at the end of the year).
 INVESTMENTS INVESTMENTS 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. Since the balances in the funds are small and multiplicity of bank accounts operated by the institute, they are deposited in common bank account. Those with large balances also have investments in Term Deposits with Banks. The interest earmed on the earmarked fund lying in saving account is transferred to the respective fund at the end of the year at the rate applicable on saving bank accounts from time to time i.e. 4%. The income from investments / advances (House Building Conveyance and computer) on accured 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 balance in the respective 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 accured interest.
 8.1 CORPUS/CAPITAL FUND was established in 2010. Matching contribution to the extent of Fixed Assets purchased from Plan Grants from MOE, Recognition/Affiliation fee received from Colleges and other academic institutions and contributions from Research Projects are treated as additions to Capital fund. The Corpus/Capital Fund is utilized for both Revenue and Capital expenditure based on the guidelines by the MOE and the Executive council of the Institution from time to time. The assets created out of the Plan Grants of MOE are merged with the assets of the Institution by crediting an equal amount to the Corpus/Capital Fund. The Grant utilisation of principal Repayment of HEFA Loan (75% contribution from MOE) is shown as utilisation from Grant and equal amount is credited to the Capital Fund. The principal repayment of HEFA Loan (25% of NIT Goa Share) paid from the Internal Revenue of the Institute is shown as utilisation of Corpus Fund and the equal amount is transferred to Capital Fund. Corpus 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 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 in the balance is carried forward. In the account of 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 the account of 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 the account of 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 the provise the endowment funds in the balance is carried forward.
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.
9) GOVERNMENT GRANTS. 9. GOVERNMENT of Education provides grant-in-aid to the Institute as Annual Plan Grants for meeting the recurring and non-recurring expenditure. The grants released g.1. Government of India, Ministry of Education 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-12A 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 31st 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 Reconcialitation of Grants as per books & Utilization Certificate is as below:

	General Head 34	OH-31 (HEFA	OH-31 (HEFA	Salariae Head -36	Canital Head -35	Total
raruculars		Loan Principal)	Loan Interest)			
Dening Balance as per Accounts on 01.04.2022	5,50,62,496.02	21,17,92,500.00	(75,69,848.00)	4,83,45,642.73	6,09,32,870.41	36,85,63,661.16
Add: Grant Received during the year	8,26,00,000.00	21,17,92,500.00	6,35,18,615.00	17,18,00,000.00		52,97,11,115.00
Add: Interest earned during the year	86,41,845.00		340	30,09,253.00	44,96,364.00	1,61,47,462.00
ess: Expenditure of earlier vears		9			2,35,088.84	2,35,088.84
ess: Grants refunded during the year	1,75,12,457.65		a	3,22,09,043.00	31	4,97,21,500.65
ess: Interest refunded to MOE durig the year	96, 15, 871.00	ĩ	x	24,21,318.00	79,89,975.00	2,00,27,164.00
ess: Expenditure during the year	9,06,10,409.24	31,76,88,750.00	9,10,69,175.00	14,12,76,248.35	1,95,38,381.00	66,01,82,963.59
ess: Closing balance of Advances	x			6	33,33,848.00	33,33,848.00
closing Balance as per UC as on 31.03.2023	2,85,65,603.13	10,58,96,250.00	(3,51,20,408.00)	4,72,48,286.38	3,43,31,941.57	18,09,21,673.08

Note 1: Reconcialiation of Balance of Grants as per Accounts and Utilization Certificates

Grants as per Accounts as on 31.03.2023	
Less: Advances to Suppliers as per Rule 238(4) of GFR 2017	1
Grants as per Utilization Certificates as on 31.03.2023	

18,42,55,521.08 33,33,848.00 18,09,21,673.08

the basis of average of opening and closing balance of respective heads before adding of interest. Interest during the year will be refunded to MOE, Govt. of India once the accounts are finalized as per GFR Rule 230(8) of GFR 2017. 9.7 Interest earned on Plan Grants is allocated in Utilization Certificates between specified heads of grants(i.e General-31, Salaries-35 and Capital asset-36) having positive balances on

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.

the Institute receives only Plan grants from MOE and accordingly appropriate disclosure as to utilization is given in the accounts. However, the format in Schedule 11 in common format of 9.10 The Ministry of Education vide its Letter F.No.33-2/2016-TS-III(Pt.) dated 27.09.2016 has issued a clarification and guidance note on merger of Plan and Non-Plan Grants and Utilization. Vide said circular it has been clarified that the Plan and Non-Plan Classification will be done away with and the focus is only on Revenue and Capital classification. As such, annual accounts has not been revised to that extent and no clarification is received regarding disclosure in line with the said proposal of Plan and non-plan merger.

10) 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.

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I) INVESTA	viaetmonte

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.

12) FOREIGN CURRENCY TRANSACTONS

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

<u>13) LEASE</u>

Lease rentals are expended with reference to lease terms.

14) SPONSORED PROJECTS

14.1 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, the concerned project account is debited and the liability account is debited.

14.2 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.

14.3 The Institution itself also awards Fellowships and Scholarships from the Plan Grants, which are accounted as Academic expenses.

14.4 Following Projects are ongoing / completed at the institute :

Name of the Project	Name of PI	Funding Agency
1) An Integrated Computational and Experimental Approach to Structural design for ballistic impacts and blasts	Dr. G.R.C. Reddy	IISC Bangalore
2) Visvesvarava PhD Scheme for Electronics & IT- Batch 2014-15	Dr. Nithin Kumar Y.B.	Media Lab Asia
3) Visvesvarava PhD Scheme for Electronics & IT- Batch 2015-16	Dr. Nithin Kumar Y.B.	Media Lab Asia
4) Design Simulation and Implementing of Band-pass Sigma-Delta Modulator	Dr. Nithin Kumar Y.B.	SERB
5) Development Of Efficient Algorithms For Photoacoustic Tomography (Pat)	Dr. Raviprasad K.J	SERB
6) EPR Studies of some Ni(II) complex in crystalline environment	Dr. Velavan Kathirvelu	SERB
7) Special Manpower Development Programme for Chips to System Design	Dr. Nithin Kumar Y.B.	CEERI, Pilani
8) Suspended functional magnetic microparticle array based point-of-care diagnostic system for multiplexed bio-molecular	Dr. Prasanth G.R.	SERB
sensing and diagnostic		
9) Design and implementation of an inverter for a grid connected Photovoltaic System which is a part of Virtual Power	Dr Sreerai E.S.	SERB
Plant		
10) Development of Secure Key Management Protocols for Group CommunicatioBeing Grant Received from SERB for		
Proiect Development of Secure Key Management Protocols for Group Communication Under Active Outsider Attack Model	Ur. Furushoniania d.K.	QEND
11) Enhanced Automation of 3-Avis CNC Milling Machine using Computer Vision and Artificial Intelligence	Dr. Pravati Swain	SERB
10) Environd Advantation with Visible Light based Communication & Power Line Communication	Dr. Ankit Dubey	DST
12) Energy Emeric Egiting with 1995 Egit Proceeded By Phylocole Ph	Dr. Lalat Indu Giri	SERB
14) Design & Development of Roast Distributed Nonlinear Channel Eqaulization & Identification	Dr. Trilochan Panigrahi	SERB
15) Monit Air. An IoT Based Air Pollution Monitoring System	Dr. S. Mini & Dr. Trilochan Panigrahi	SERB
16) Computational and Theoretical Studies on Parabolic Partial Differential Equations in Cancer Modelling	Dr. Shangerganesh	SERB
17) Design of Compact Shaped Beam Antenna Array for Dedicated Short Range Communication Service	Dr. Anirban Chatterjee	SERB

19) Improved PHY and MAC Strategies for M2M Communications in Smart Grid Over Wireless and PLC Hetrogenous Dr. A. Network	Ankit Dubey	SERB
20) Secure and efficient communications inside partitioned social overlay networks	(eshavamurthy BN	SERB
21) Smart City Surveillance using Decentralized Multi Camera Network	3adrinarayan Subudhi	SERB
22) Designing out-of-VM Monitoring based Virtual Dr. C	Chirag Modi	SERB
23) MonitNoise: An IoT Based Noise Level Assessment System in Urban Cities of India	Trilochan Panigrahi	SERB
24) Design and Development of Fingerprint and Face Recognition Systems for Infants and Toddlers (IATs)	Amol Deodas	SERB
25) Design and Development of efficient Grid Integrated Distributed Maximum Power Point Tracking to Photovoltic System Dr. S. for Enhancing Power Quality Under Partial Shading Condition	Suresh Mikkili	SERB
26) Development of coordination control schemes for hybrid AC/DC micro grids for a stable and reliable system operation. Dr. C	o Vyjayanthi	SERB
27) Design of Superior Pulsewidth Modulation Schemes for High-Performance Multitlevel Converter based Grid Connected Dr. S. Photovoltaic Systems	Soumitra Das	SERB
[28] Analysis of Cardiovascular Disorders Using Heart Sound Signals	Shivnarayan Patidar	SERB
29) Development of Efficient Algorithms for Predicting The Incidence of Malaria Cases in India Using Spiking Neuron Dr. V.	/enkatanareshbabu Kuppilli	SERB
30) Off Grid Sensor Controlled Irrigation Using Bank Filtration Technology	alat Indu Girî	DST
31) Equipment - Design and Development of Compact and Wideband Dielectric Resonator Antennas	Pragati Patel	SERB
32) Design & Development of a Dynamic Photovoltic Array Fed Singlae Stage PV System Using an Open Winding Dr.Ve	enugopal Reddy	SERB
[33] Manpower-Design and Development of Acoustic Methods for early detection of Stem and Root Borer Plocaederus spp Infestation in cashew	/eerakumar T.	SERB
34) Convective Instabilities in Double Diffusive Systems	Ravi Ragoju	SERB
35) Harnessing Technological Innovations for Stustainable Development: The Role of Intellectual Property Rights - ICSSR Dr. S. (MHRD)	Sunil Kumar A.	ICSSR
36) Developing Smart Controller for Optimum Utilization of Energy and Trustworthy Management in a Micro Grid Dr. C Enviornment	Chirag Modi	SERB
37) Designing Efficient Algebraic Activation Functions In Deep Learning For Classification Of Eletroencephalography Dr. D	Damodar Reddy Edla	SERB
38) Interference Rejection Using Built-In Filter Based Band-Pass Sigma Delta Modulators	Vithin Kumar Y.B.	SERB
39) Deep-Learning Assisted Tomographic Ground Penetrating Radar for the Defection of Electrical and Morphological Dr. M	Mallikarjun E.	SERB
40) Wind Energy Harvesting from Vortex Induced Vibration of Multiple Cyclinders using novel multiple Piezoelectric Strips Dr Pr Arrangement	rasenjit Dey	SERB
141) Speech Technologies in Indian Languages	/eena T.	MEITY
42) Teachers Associateship for Research Excellence (TARE)	Damodar Reddy Edla	SERB

The grants received for above projects are disclosed under separate fund under Current Liabilities & Provisions under schedule 4 A 6(b).

14.5 The Overheads Charges from the Projects are distributed as per policy approved as per letter No. NITG/F&A/2019/Ow/35 sent to MOE dtd 25.01.2019 and approved in Board meeting held on 01.05.2019 as below:

10.01	20%	50%	100%	in Income & Expenditure for the
				Income will be shown as Income
	 Institute Income) Faculty & Staff Welfare	otal	lote: The Share of Institute I

year under Schedule 14 - Other Income and Faculty & Staff Welfare Share will be disclosed as other Funds under Schedule 4 - Current Liabilities & Provisions.

NATIONAL INSTITUTE OF TECHNOLOGY GOA

SCHEDULES FORMING PART OF ACCOUNTS FOR PERIOD/YEAR ENDED 31ST, MARCH, 2023

SCHEDULE -25 - CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

1) CONTINGENT LIABILITIES

- 1.1 Claims against the Institute not acknowledged as debts Rs. NIL (As at 31.03.2022 Rs. NIL)
- 1.2 In respect of :
- -Bank Guarantees given by / on behalf of the Institute Rs. NIL (As at 31.03.2022 Rs. NIL) -Letters of Credit opened - Rs. NIL (As at 31.03.2022 - Rs. NIL) -Bills discounted with banks - Rs. NIL (As at 31.03.2022 - NIL)
- 1.3 Disputed demands in respect of :
- Income Tax Rs. NIL (As at 31.03.2022 Rs.NIL)
 Sales tax Rs NIL (As at 31.03.2022 Rs.NIL)
- Municipal Taxes Rs. NIL (As at 31.03.2022 Rs. NIL)

1.4 In respect of claims from parties for non-execution of orders, but contested by the Institute - Rs. NIL (As at 31.03.2022 - 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 (As at 31.03.2022 - Rs. NIL)

3) FIXED ASSETS

servicing of loan through OH 31 for funding construction of permanent campus) subject to concurrence of Department of Expenditure. But Ministry of education vide their letter No.F.No.23-Cuncolim is handed over to the State PWD. The expenditure incurred at NIT Goa in transit campus is treated as revenue expenditure and not capitalised as the ownership of campus is not 2017 and the institute will be shifted once the permananent campus construction thereon is completed. The MOE, Govt. of India has approved the proposal of establishment of permanent and there will be no other phases of the project till 2021-22. HEFA has sanctioned term Loan of Rs.282.39 crores vide their letter Ref. SAN/NITG/250/2019-20 dtd 12.09.2019 towards construction of the new campus at Cuncolim. The construction of the New Campus at Cuncolim is handed to CPWD, Goa. The Construction of the boundary wall of the New Campus at 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 campus for National Institute of Technology Goa at the estimate cost of Rs.496.63 crores (Rs.362.63 crores towards Capital, Rs.134.00 crores towards recurring) on the basis of the recommendations of the Standing Finance Committee (SFC) on 01.03.2019. A built up area of 63,764 sqm at the estimated cost of Rs.304.33 crore has been proposed for the construction keeping in view the very minimal IRG of NIT Goa, the appropriate window of financing the loan under HEFA was proposed under Window IV (grant would be provided for complete 4/2018.TS-III dtd. 07/04/2021 has approved to place NIT Goa under Window II for availing HEFA loan in accordance with HEFA guidelines. The project should be completed by 2021-22 same premises. The renovation of the building was carried out by NIT Goa. The Land at Cuncolim, Goa for permanent campus of Institute is handed over by Govt. of Goa on 15th, July, of permanent campus of NIT Goa for the 1260 students by 2022-2023 having construction cost/sqm as Rs.47727.56 per sqm and Sq Mt per student worked out to be 50.61. Initially with NIT Goa. The institute as on 31.03.2023 has incurred following amounts in terms of advances and expenditure in respect of temporary campus :

0	Executing Agency	Type of Work	Amount(Ks.)
1	CPIMD Goa	Renovation and conversion of Type III quarter to dispensary and sports room	19,42,501.00
100	CDMD Cos	Horiticulture Work for Hostel Bido ITI NIT Goa	2,82,000.00
1	VI WU, 004	Providing service connection, compound Lighting, water supply pumps and DLP bus bar trunking and split AC units in computer lab	11,44,500.00
	CPWD, Goa	and water cooler for hostel building of ITI	and the second se
1	CPWD, Goa	Providing Split AC units in Conference hall and addittional computer Lab at Hostel Bldg. of ITI for N/T	1,58,550.00
1	CPWD, Goa	LT Connection from ITI transformer to NIT	7,00,000.00
1	CPWD, Goa	Repairing structural retrofitting and upgradation of Hostel Bidg. of ITI for NIT at Farmagudi, Goa	1,85,81,083.00

•			A 00 000 00
	CPWD, GOB	Providing & Fixing Sun Control Frim to Class Room	4,00,000.00
φ	CPWD, Goa	Construction of Canteen at Backside of newly constructed classrooms, intenor works in lab, development of porch, contidor area in	41,20,803.00
		academic block and construction of toe/planter wall, filling good earth, construction of two wheeler parking, water proofing for NIT	
σ	CPWD. Goa	Construction of Temporary Shed for Workshop and Drawing Class for NIT Goa	30,27,052.00
þ	CPWD, Goa	Miscellaneous repair and maintenance works in temporary campus of NIT Goa	6,80,704.00
4	CPWD, Goa	Repairs to kitchen cum dining hall for NIT Goa Hostel Mess in GEC Campus	3,25,558.00
12	CPWD. Goa	Providing sun control film on windows and minor repair in temporary campus of NIT Goa	1,53,415.00
13	CPWD, Goa	Repairs & Painting Work of Hostels of NIT Goa in GEC Campus	57,44,191.00
14	CPWD, Goa	Atuminum Partition Work in room No.N9 for sharing room between T&P & Exam-cell for NIT Goa	1,81,907.00
15	CPWD, Goa	Providing addititional Power Outlets for Computers in electronics lab	1,00,000.00
16	CPWD, Goa	Construction of 14 No. Classrooms -Civil	3,39,10,000.00
17	CPWD, Goa	Miscellaneous Electrical Works for addittional Lab & Office Building	10,50,000.00
18	Goa State PWD	SITC 11 KV/440 Volt AC 50 Hz,315 KVA Substation at NIT Goa	43,90,311.00
19	Goa State PWD	Providing & supplying one coat of Dr. Fixit primer for water proofing treatment at NIT Goa	2,61,010.00
2	Goa State PWD	Various repairs at Hostel 4 of NIT Goa	3,95,000.00
21	Goa State PWD	Construction of Store Room with Galvalium Sheet roof cover for mess of NIT in Boys Hostel IV in GEC Complex	2,38,317.00
22	Goa State PWD	Repairs to sewerage system including providing septic tank and soak pit to the sports Block of NIT Goa	3,27,400.00
23	Goa State PWD	Repairs to Internal wiring including additions & alterations of E type quarter (3 Nos) at NIT Farmagudi	1,65,930.00
24		Providing & Fixing Alluminium Partition in Lecture Hall 1A , 2D & 2B	4,97,542.00
	Shri. Prashant R. Naik		
25	S.P. Construction	Repair of D5 quarter at NIT Goa	4,97,808.00
26		Providing & fixing Alluminium partition in the lecture hall 2A,2C and providing Alluminium partition in the lecture hall 2A, 2C and	4,47,946.00
	Shri. Prashant R. Naik	providing fixing door closure at NII Goa	1 00 670 00
27		Customized Electrification and other Modifications for research laboratories in U5 quarter	4,83,570.00
	Shri. Prashant R. Naik		00 07 7 20 7 7
28	Goa State PWD	Various Repairs to mess of hostel IV of NiT Goa	14,33,140,00
29	Goa State PWD	Electrical Installation to faculty Block for NIT Goa at ITI Building	5,51,951.00
8		Repair & Fixing work done of compound wall beside the library block.	13,440.00
	Shri, M. A. Doddamani		
31	Goa State PWD	Internal Painting of boys hostel IV of NIT Goa	3,91,820.00
32	Goa State PWD	Various Repairs to mess of hostel IV of NIT Goa	46,056.00
33	Goa State PWD	Renovation of Old ITI building to use as faculty block of NIT Goa	25,14,661.00
34		Various repairs such as painting and repairs to roof of civil draftsmen hall of ITI to NIT Goa	67,271.00
	Shri. Prashant R. Naik		0 101 00
35		Providing & Fixing of Galvalium Sheet roofing over Academic Building of NIT Goa	2,58,465.00
	Shri, Prashant R. Naik		00 042 00 0
99		Laying out of 2 Volleyball Courts near to Hostel D3 & D4 of NIT Goa	2,02,142.00
	Shri. M. A. Doddamani		1 03 125 00
37	Shri. A. G. Savaiker	Supply and Installation of Tiles at New Faculty block	1 77 030 00
88 88	Goa State PWD	Providing and Fixing wall in EEE Lab-2 in NIT Complex of NIT Goa	00.000,77,1
39	0.410 -1410	Various Repairs and Renovation to Toilets, painting to rooms on first right wing and barbed wire rensing to poys noster IV or INIT GOA	00.150,02,12
40	Dohan Complifiers	Drovidino Internet Connectivity to Hostels of NIT Gos	1.77.623.00
5	Religit Vullipurera		

41	Digital Network	Providing Internet Connectivity to new faculty block of NIT Goa	1,44,452.00
	Associates		
42	Shri. Deepak R. Naik	Repairs works to administrative and Teaching block for NIT Goa	4,69,591.00
43	Goa State PWD	Providing Galvalium sheet roofing & other repairs work for library building of NIT goa	15,00,000.00
4	Goa State PWD	Providing Galvalium sheet roofing & other repairs work for library building of NIT goa	8,73,000.00
45	Goa State PWD	Works of repair and painting of Quarter E/D, E/E, E/F in GEC Campus	9,53,732.00
46	Goa State PWD	Bill for repairs for C&D wings of new girls hostel in GEC complex	27,80,347.00
47	Goa State PWD	Bill for repairs and renovation of class room and toilet blocks	13,79,032.00
48	Goa State PWD	Bill for works of providing galvalium sheet roofing for D1,D2 and existing roofing of D3,D6 repairing	15,44,366.00
49	Goa State PWD	Bill for works of providing and fixing concrete pavers around faculty cabins	15,20,948.00
20	Goa State PWD	Bill for works of providing galvalium sheet roofing & other repairs works for library building of NIT Goa	9,16,890.00
51	S.P. Construction	Repairing, painting and aluminium partititon work in administrative block-cabin for Deans	4,89,871.00
22	N. M. Enterprises	Repairing, painting work in Director cabin administrative building NIT Goa	4,70,413.00
83	Shri, Deepak R. Naik	Repairs & Maintenance for rehabilitation work for main building of NIT Campus	4,85,257.00
2	T. R. Construction	Repairs of roof of teaching block and false ceiling of NITGoa	4,05,040.00
55		Providing & Fixing compound gate with(rear side) portion of NIT Goa at Farmagudi	2,71,281.00
	Shri, Prashant R. Naik		
		Total	10,30,95,059.00
3 1 Additic	ons in the year to Fixed	Assets in Schedule 5 include Assets purchased out of Plan Funds (Rs. 19538381/-), Non-Plan Funds (Rs. NIL), Sponsored Project	ects (Rs.1838626/-),

HEFA Loan (Rs.1818249356/-) and Library Books and other assets of the value of (Rs. NIL) gifted to the Institution.

3.2 Fixed assets as set out in Schedule 5 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 :

	Original Cost	Addittions		Notional	Notional		
Assets	as on	during the		Depreciation	Depreciation	Total Notional	Total Book Value
	01.04.2022	year	Total (Rs.)	Opening Bal.	for the year	Depreciation	as on 31.03.2023
Laboratory Equipment	23.66.250.00		23,66,250.00	8,77,936.00	1,89,300.00	10,67,236.00	12,99,014.00
Computers & Peripherals	6,75,600.00	1	6,75,600.00	6,20,757.00	54,838.00	6,75,595.00	5.00
Office equipment	32	ų.	•	966	37	ä	
Furniture. Fixtures & Fittings	r	16	э		31	Ĩ	ас
Total	30,41,850.00	•	30,41,850.00	14,98,693.00	2,44,138.00	17,42,831.00	12,99,019.00

4) LEASE OBLIGATIONS Future obligations for rentals under finance lease agreements for plant and machinery amounts to Rs. NIL (As at 31.03.2022 - Rs. NIL)

(Amount)

5) FOREIGN CURRENCY TRANSACTIONS

	<u>2022-2023</u>	2021-2022
5.1 Value of Imports calculated on C.I.F. basis:		
out a superior of finite of the sector of th	NL	NIL
	1	NIL
- Raw Materials & Components (Including in transit)	MIL	
- Canital Gonds		27,09,785.00
- Stores, Spares and Consumables	NIL	NIC

5.2 Expenditure in foreign currency: a) Travel	NIL	NIL
b) Remittances and Interest payment to Intancial Institutions/banks in Foreign Currency	NIL	NIL
 c) Other expenditure: - Online Subscription - License Fee for Software/Web Edition - Miscellaneous Expenses (Honorarium to Foreign Experts) 	NIL NIL 5,46,440.00	40,64,741.00 NIL 4,48,441.00
5.3 Eamings:	Į	IIN
- Value of Exports on FOB basis		IXIL I
6) Remunerations to auditors: As Auditors: - Taxation matters - For Management Services - For Certification	NIF NIF	NIF NIF NIF
Others (Internal Audit/C&AG Audit)	5,23,920.00	4,07,475.00
<u>7) CURRENT ASSETS, LOANS AND ADVANCES AND DEPOSITS</u> In the opinion of the management, the current assets, loans and advances have a value on realization in the ordinary course of business, the Balance Sheet.	equal at least to the aggreg	jate amount shown ir

8) SECURED LOANS

crores vide their letter Ref. SAN/NITG/250/2019-20 dtd 12:09:2019 towards construction of the new campus at Cuncolim. The construction of the New Campus at Cuncolim is handed to The MOE, Govt. of India has approved the proposal of establishment of permanent campus for National Institute of Technology Goa at the estimate cost of Rs.496.63 crores (Rs.362.63 at the estimated cost of Rs.304.33 crore has been proposed for the construction of permanent campus of NIT Goa for the 1260 students by 2022-2023 having construction cost/sqm as Rs.47727.56 per sqm and Sq Mt per student worked out to be 50.61. Initially keeping in view the very minimal IRG of NIT Goa, the appropriate window of financing the loan under HEFA was proposed under Window IV (grant would be provided for complete servicing of loan through OH 31 for funding construction of permanent campuses) subject to concurrence of Department of Expenditure. But Ministry of education vide their letter No.F.No.23-4/2018.TS-III dtd. 07/04/2021 has approved to place NIT Goa under Window II for availing HEFA loan in accordance with HEFA guidelines. The project should be completed by 2021-22 and there will be no other phases of the project till 2021-22. HEFA has sanctioned term Loan of Rs. 282.39 crores towards Capital, Rs.134.00 crores towards recurring) on the basis of the recommendations of the Standing Finance Committee (SFC) on 01.03.2019. A built up area of 63,764 sqm CPWD, Goa. The Construction of the boundary wall of the New Campus at Cuncolim is handed over to the State PWD.

NIT Goa has availed Rs.230 crores of HEFA Loan from Canara Bank till 31.03.2023 for the Construction of New Campus at Cuncolim. NIT Goa is placed under Window II mode of Financing where NIT Goa has to bear 25% of repayment and 75% of principal repayment is borne by Ministry of Education. The entire interest on HEFA Loan is borne by Ministry of Education.

Internal Auditors Note:

The NIT Goa has taken HEFA Loan for the construction of new campus at Cuncolim. As per the Accounting Standard - 16 if any loan has been taken for creation of Capital Assets and utilised for that purpose, interest paid on that specified loan has to be capitalised as capital expenditure till the date of completion and should be added with the cost of assets. As per the financial statement prepared by the management we have noticed that the constuction work of New campus building are still in progress and the management has claimed the interest paid on HEFA loan as revenue expenditure during the year considered as current year expense.

014	201			41.	182	219	237	242	Total
0.14	. 20		1	5	x		a	a	5 Ph. D (Visvesvaraya)
105	115	-	9	4	18	40	5	31	4 Ph. D
111	85	5				4	54	31	3 M.Tech
22	24	1062	ĩ		8	9	e	2	2 B.Tech DASA
636	677	TIE:	1	æ	156	173	175	173	1 B Tech
2021-22	2022-23	VII th Year	VI th Year	Vth Year	IVth Year	lilrd Year	lind Year	І уеаг	Details of No. of Students Sr. no. Stream
								tholders :	9) Addittional Information for Stake
iporary premises	ng in the terr	te is currently runnir	wever the institu ss.	te Premises. Hov o its own premise	opment of Institu the institute setug	nts towards the devel will be utilised once	fund from studer alance in the fund	ite Development aid fund. The ba	B) The Institute has collected Institute f ITI as such it has not utilised the s
sing the hostels	urrently utili: es.	r the institute is cu etup its own premis	iostels. Howeve ce the institute s	evelopment of h vill be utilised on	s towards the d	it fund from student ie said fund. The bals	istel Developmer has not utilised th	earlier years Ho Xlege as such it	 The Institute had collected in ifrastructure of Goa Engineering Cc
, Balancesheet,	A numbers)	ng allotment of PRv	e Institute(pendii	managed by the	en retained and ared.	ontributions have be I have not been prep:	and matching o A/c of NPS Tier-	se subscriptions ipt and Payment	6) In absence of employees who icome & Expenditure A/c and Receiption
ssets.	of Current As	A' to the Schedule o	ed as annexure !	anks are enclose	Accounts with Bi	its and Fixed Deposit	, Current Account	g Bank Accounts	5) The details of balances in Savinç
unt is shown as	equal amo	1 Corpus Fund and	tent utilised fron	shown to the ext	. Goa Share) is ∉)6,250/- (25% of NIT	its) of Rs.10,58,9	ent (3 Installmer	 The HEFA loan principal payment dittions to the Capital Fund.
addittions to the	is shown as	and equal amount	sed from Grants	o the extent utilis	Share) is shown t	.750/- (75% of MOE 8	i) of Rs.31,76,88,	it (3 Installments	3) The HEFA loan principal paymer apital Fund.
iing the opening	or in mentior	s typographical erro	ear as there wa	trrent financial y	irouped in the cu	ad-36) has been reg	31 & Salaries He	(General Head- 1-22.	2) The opening balance of Grants alance of the F.Y-2021
to Capital Fund.	as addittions	l amount is shown a	years and equa	irants in the said	orm the Capital G	shown as utilisation fe	i which were not	ff in F.Y-2015-16	s.1,10,260/- Fixed Assets written o
eciation w/off) &	(net of depr	84/- in F.Y-2014-15	Dff Rs.1,24,828.	Assets Written (35 towards Fixed	m the Capital Head-3	n as utilisation fro	has been showr	1) The amount of Rs.2,35,088.84/-
objections raised extent utilised for	er the audit (ants to the e	r Schedule 4c as pe es Head -36 as Gri	ants from MOE ii ure under Salari	e balance of Gra sred as expendit	,66,22,732/- to th 9/- is not conside	evious years of Rs.4 sifts of Rs.2,06,48,87	ent benefits of pr Retirement Bene	ovision of retirem ar provisions of	0) NIT Goa has added back the pro / C&AG Office. Also the current ye ie F.Y-2021-22.
F,Y-2022-23 as	TSA for the	irants lapsed under	11.2022. Also G aly.	- to MOE on 18. DH-36 respective	f Rs.2,00,27,164/ r Salaries Head (m the F.Y-2021-22 of (s.3,22,09,043/- unde	nded to MOE froi Head OH-31 & R	t on Grants refu - under General) NIT Goa has refunded the interes 1 31.03.2023 is Rs.1,75,12,457.65/

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Sr. no.	Stream	2022-23	2021-22
F	CSE	σ	
0	H&S	12	-
e	ECE	11	-
4	EEE	σ	
Ω.	CIVIL	9	
9	ME	σ	
	Total	56	ι¢,

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

iv) Collection for Sports activities and expenditure thereof

Dolloo Ini		
Sr. no.	Particulars	Amount (Rs.)
	Collection for Sports Activities	
	Sponsorship	ŀ
	Total Collection towards Sports Activities	2.03
	Expenditure for Sport Activities	
	Expenses for participating	27,263.00
	Total Expenditure towards Sports Activities	27,263.00
- Collock	as for an antipultar and avanditure thereaf	

v) Collecti	on for co-curricular activities and expenditure thereof	
Sr. no.	Particulars	Amount (Rs.)
	Collection for Co-curricular activities	
0	Sponsorship Received	
	Total Collection towards Co-curricular activities	•
	Expenditure for Co-curricular activities	0.000
w	i Expenses towards 131st Birth Anniversary of Dr. B. R. Ambedkar	3,423.00
م	Expenses towards Reing Ceremony of Students	2,51,750.00
	Expenses towards Independence Day Celebration / Har Ghar Tiranga	40, 184.00
	l Expenses towards 55th Engineer's Day	12,350.00
Ð	Expenses towards Teachers Day Celebration	28,833.00
	f Expenses towards Smart India Hacathon 2022	9,794.00
a	n Expenses towards Hindi Saptah 2022	66,159.00
	Expenses towards International Collegiate Programming Contest	13,360.00
	i Expenses towards celebration of Ganesh Chaturthi	27,000.00
	i Expenses towards Dandiya Night - Umang 2022	31,858.00
×	k Expenses towards Saraswati Pooja	13,000.00
	I Expenses towards Students Orientation Programme	4,62,797.00
E	Expenses towards Blood Donation Camp	15,750.00
	i Expenses towards organizing SPARDHA	5,578.00
	j Expenses towards Republic Day	24,946.00
ľ	< Expenses towards Pongal & Makara Sankranti	13,068.00

	Il Expenses towards Holi Celebration				12,380.00
	Total Expenditure towards Co-curricular acti	vities			10,32,230.00
vi) Collect	tion on account of development charges and ϵ	xpenditure thereon - NIL			
vil) Collec	tion for medical expenses and expenditure th	sreon - NiL			
vili) Salar	y structure of teachers				
SI. No.	Name of the Employees	Designation	EC	Pay Level	7 CPC Pay
-	Dr. Omprakash Jaiswal	Director	1170001	210000 [Fixed]	210000
2	Dr. Saidi Reddy Parne	Associate Professor	1130009	13A2 - Cell-6	161800
en	Dr. Damodar Reddy Edla	Associate Professor	1130011	13A2 - Cell-4	152500
4	Dr. Suresh Mikkili	Associate Professor	1130012	13A2 - Cell-4	152500
S	Dr. Velavan Kathirvelu	Associate Professor	1130013	13A2 - Cell-6	161800
9	Dr. B. Venugopal Reddy	Associate Professor	1130014	13A2 - Cell-6	161800
2	Dr. Sarani Ghosal Mondal	Associate Professor	1130015	13A2 - Cell-6	161800
ω	Dr. Veena Thenkanidivoor	Associate Professor	1130016	13A2 - Cell-6	161800
6	Dr. Purushothama B.R.	Associate Professor	1130022	13A2 - Cell-4	152500
9	Dr. Ragoju Ravi	Associate Professor	1130024	13A2 - Cell-2	143800
÷	Dr. Vasantha M.H. Rao	Associate Professor	1130032	13A2 - Cell-6	161800
12	Dr. Veerakumar T	Associate Professor	1130033	13A2 - Cell-6	161800
13	Dr. Ravibrasad K J	Assistant Professor	1130034	13A2 - Cell-2	143800
4	Dr. Anirban Chatteriee	Associate Professor	1130035	13A2 - Cell-1	143800
15	Dr. Nithin Kumar Y.B.	Associate Professor	1130036	13A2 - Cell-4	152500
16	Dr. Sree Rai E.S	Associate Professor	1140041	13A2 - Cell-2	143800
17	Dr. Keshavamurthy B.N.	Associate Professor	1140043	13A2 - Cell-6	161800
18	Dr. S. Mini	Associate Professor	1140045	13A2 - Cell-2	143800
6	Dr. Pravati Swain	Assistant Professor	1140064	12 - Cell-6	117500
50	Dr. Venkatanareshbabu Kuppili	Assistant Professor	1140065	12 - Cell-6	117500
21	Dr. Trilochan Panigrahi	Associate Professor	1140066	13A2 - Cell-6	161800
22	Dr. Rahulkar Amol Deodas	Associate Professor	1140067	13A2 - Cell-6	161800
23	Dr. Modi Chirag Navinchandra	Associate Professor	1140068	13A2 - Cell-2	143800
24	Dr. C. Vyjayanthi	Associate Professor	1140069	13A2 - Cell-6	161800
25	Dr.Shivnarayan Patidar	Assistant Professor	1150071	12 - Cell-6	009/11
26	Dr. Prashanth G. R.	Associate Professor	1150072	13A2 - Cell-6	161800
27	Dr. Latat Indu Giri	Assistant Professor	1150073	12 - Cell-4	110800
28	Dr. Soumitra Das	Associate Professor	1150074	13A2 - Cell-2	143800
29	Dr. L. Shangerganesh	Assistant Professor	1160083	12 - Cell-6	117500
8	Dr. Pragati Patel	Assistant Professor	1160085	12 - Cell-3	94359
- 	Dr. E. Małlikariun	Assistant Professor	1160086	12 - Cell-2	104500
32	Dr. Sunil Kumar A.	Assistant Professor	1160087	12 - Cell-4	110800
33	Dr. B. Santhi	Assistant Professor	1200088	11 - Cell-4	75300
34	Dr. Harikumar Mohanan	Assistant Professor	1200090	11 - Cell-4	75300

36 Dr. Lokesh Kumar Bramhane As 20) The Student Security Deposits include Rs.872000/- of Final year M 20) The Student Security Deposits include Rs.872000/- of Final year M 21) Corresponding figure for the As at 31.03.2022 have been regroupe 23) The previous figures of the As at 31.03.2022 have been regroupe 23) The previous figures of Receipts & Payments Account has been regroupe 23) The previous figures of Receipts & Payments Account has been regroupe 23) The previous figures of Receipts & Payments Account has been regroupe 23) The previous figures of Receipts & Payments Account has been regroupe 23) The previous figures of Receipts & Payments Account has been regroupe Registrant Registrant Director Pational Institute of Technology Goa National Institute of Technology	Assistant Professor I year M. Tech & B. Tech Students No. of Students 54 54 164 164 218 egrouped / re-arranged, wherever t of the Balance Sheet as at 31ST been regrouped wherever nece	1210106 Which will be refunded to students withit Deposit Amt 2,16,000.00 6,56,000.00 8,72,000.00 necessary.	11 - Cell-4 12 months from the batancesheel	75300
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23) The previous figures of Receipts & Payments Account has been re FOR AND ON BEHALF OF THE BOARD I P P P P P P P P P P P P P P P P P P P	been regrouped whereever neces	MARCH, 2023 and the Income and Ex	penditure for the year ended on the	at date.
FOR AND ON BEHALF OF THE BOARD		sary.		
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REGISTRAR DIRECTOR Registrar Vational Institute of Technology Goa National Institute of Technology		CHARTERED ACCOUNTANTS		
Vational Institute of Technology Goa National Institute of Technology	lie	ALE & 400		
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	N *	MEM/NO. 438038		
PLACE: PONDA,GOA	*//	IRGAD-901		

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SUB SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST, MARCH, 2023

		(Amount - RS.)
Sub Schedule 1: Deposit from Students	As at 31.03.2023	As at 31.03.2022
Deposits from Students		
Students Fee Refundable (B-Tech)	17,14,868.00	57,59,149.00
DASA Tuition Fees Refundable	-	2,500.00
Students Hostel Fee Refundable(B.Tech)	91,160.00	91,160.00
Student Fees Refundable (M-Tech)	1248	40,000.00
Group Insurance Scheme	11,44,800.00	11,22,000.00
Security Deposit of Students		
B Tech Security Deposit Refundable	33,56,000.00	31,04,000.00
M-Tech Security Deposit Refundable	3,73,000.00	3,49,000.00
PHD Security Deposit Refundable	5,04,000.00	4,40,000.00
Mess Deposit		
Mess Adv.	1,32,53,186.00	74,43,945.00
Alumini Association Contribution		
Alumni Association Fees	18,90,167.00	16,39,167.00
SAC(Student Activity Centre)Fee	40,43,495.99	29,30,208.99
M Tech Tution Advance Fees	10,31,622.00	-
PhD Tution Advance Fees	4,33,807.00	80
B Tech Tution Advance Fees	1,46,60,259.00	5 2
Hall Establishment Charges	2,08,35,680.34	1,56,18,974.34
TOTAL	6,33,32,045.33	3,85,40,104.33

Sub Schedule 2: Sundry Creditors for Goods & Services	As at 31.03.2023	As at 31.03.2022
For Goods & Services		
A. F. Enterprises	2,67,894.00	50,350.00
AO (Cash) BSNL GOA	9,735.00	-
Apollo Pharmacies Ltd	26,635.00	<u>ت</u>
Bytesec Pvt. Ltd.		4,500.00
Choudhary Enterprises	2,832.00	-
Dr. Devasheesh Mathur, Asst. Prof., Goa Inst. of Management	-	3,000.00
Dr. K A Geetha	1,800.00	
Dr. Muneesh Chandra, Associate Professor, NIT Agartala	-	9,000.00
Dr. Prasenjit Dey - Payable	3,039.00	5 4 7
Dr. Rajib Kar, Assoc. Prof., NIT Durgapur		9,000.00
Dr. Raji Sundarajan	22,566.00	
Dr. Umesh Kumar Tiwari, Principal Scientist, CSIR		9,000.00
Harshil Enterprises	-	17,964.00
Hotel Royal Punjab	5,172.00	150
IIT Dharwad	1,66,455.00	· · ·
JNCASR-Bangalore	91,841.00	223
Kavlekar Petroleum	3 2 3	57,986.00
Madhusudhan Enterprises	19,153.00	-
Mastersoft ERP Solutions Pvt. Ltd.	-	27,83,198.00
Mistri Anilkumar Shersinh	1,26,630.00	
Nextgen Enterprises	. 	5,800.00
Nilkank Shamba Chari	99 (H	750.00
Nisithkumar Sahadev Datta	4,500.00	20 2
NIT Jamshedpur	5,30,176.00	.
NITK Surathkai	5,97,573.00	
NIT Warangal	5,18,307.00	12
Om Traders	1,57,300.00	-
Om Vikas	1,800.00	
O/s Goa Intelligence Security Service	9,15,227.00	7,70,127.00
O/s. Ideal Catering Services	15,99,115.00	4,42,625.00
O/s. Oxford Tours & Travels		48,432.00

	Remedics Global	±	82,888.00
	Nimbus Enterprises	- 1	6,000.00
	Gen Next	-	990.00
I	Project Creditors		
	Bihar State Education Finance Corporation	4,34,942.00	
	VDELIVER ENTERPRISES - PONDA	28,364.00	
	TransValue Consultants	14,160.00	7 .)
	Total Pest Control Mangalore		2,25,720.00
	Suresh Baburao Tilve	2,130.00	
	SMS OFFSET PRINTERS	2,18,131.00	=
	Sharayu Automobiles	49,222.00	8
	Shailesh Vinayak Naik	4,508.00	
	Sanjay Swami	3,600.00	
	R.K.Pikale & Associates	2,48,400.00	2,37,600.00
	Ridhi Sidhi Enterprises	·-	6,826.00
	Raut Scientific and General Traders	72,688.00	¥.:
	Prof. Saraju Mohanty	0 :	20,533.00
	Prof. Prasad Enjeti	-	20,533.00
	Prof. Pramode K. Verma	9 2	20,720.00
	Prof. Pawan Lingras		61,786.00
	Prof. Nahrizul Adib Kadri	. :	20,533.00
	Prof. Linga Reddy Cenkeramaddi	-	61,599.00
	PAO O/o The Principle Accountant General (A&E) CAG		1,47,875.00
	Pankaj Trading Co. Sonipat - Harvana	-	19,194.00
	O/s. Sree Vinavaka Enterprises	14,35,060.00	11,63,338.00
	O/s Shubhalakshmi Motors	97,608.00	1,95,216.00

Sub Schedule 3: Deposits Others	As at 31.03.2023	As at 31.03.2022
Security Deposits		
EMD - Micron Systems	7,800.00	
SD Advanced Electronic Systems	2,105.00	2,105.00
SD - Amonkar Enterprises	8,000.00	8,000.00
Sd CMM Arena Retail Pvt. Ltd.	3,599.00	3,599.00
SD Coreel Technologies	7,301.00	7,301.00
SD D. B. Solutions	15,000.00	15,000.00
SD Electrovision	1,000.00	1,000.00
SD Empower Technology	30,000.00	30,000.00
SD Goa Intelligence Security Services	4,80,000.00	4,80,000.00
SD Ideal Catering Services	1,30,000.00	1,30,000.00
Sd Labindia	14,560.00	14,560.00
SD - Nirakar Engineering Pvt. Ltd.	6,400.00	6,400.00
SD Olympus Refrigeration Inc.	50,000.00	50,000.00
SD - Power Research & Development Consultants Pvt. Ltd.	15,000.00	15,000.00
SD Prashant R. Naik	8,500.00	-
SD - Shanta Sound	10,000.00	10,000.00
SD San Instruments	30,193.00	30,193.00
SD Shree Vinavaka Enterprises	12,968.00	12,968.00
SD Smartsoft	16,300.00	16,300.00
SD S.P. Construction	4.000.00	4,000.00
SD N M Enterprises	10.000.00	10.000.00
SD - Direct Electric Pyt 1 td	12.000.00	12,000.00
Sd Trillion Energies	5,500.00	
SD Turpitin India Private Limited	16.755.00	-
SD Thunder Force Pyt 1 td	10.000.00	10.000.00
Performance Gurantee of Supplier/Contractor		,
PG - Adroitec Information System Pvt 1 td	15.761.00	15,761.00
PG - Apollo Pharmacies Limited Goa	50 000.00	
DG BKSD Enternrises	5.310.00	5.310.00
PG Digital Network Associates	7,223,00	7.223.00
PG Entunie Technologies Pvt 1 td	4.12.698.00	4.12.698.00
PG - ISK I ab Instruments	10,500,00	10,500,00
PG Kalika Entermises	9,784.00	9,784.00
PC Mostersoft ERP Solutions Pvt 1 td	5,19,011,00	5.19.011.00
PG - Nirakar Engineering Pvt Ltd	34,375.00	34,375.00
PG Olympus Refrigeration Inc	2.26,710.00	2.26.710.00
PG Power Research & Development Consultants Pvt 1 td	35.727.00	35,727,00
PG Prashant R Naik	19.642.00	
PG Reban Computers	14.221.00	14.221.00
PG -S H Enterprises	10.060.00	10,060,00
PG - Shree Chemicals	9.920.00	9,920,00
PG Shubbalakshmi Motors	2.00.000.00	2.00.000.00
PG S. P. Construction		19,286,00
	8.376.00	8.376.00
PG BMG Informatics Pvt. Ltd		7.411.00
PG - Deenak R. Naik	19 411.00	19,411.00
PG - N M Entermises	23 521 00	23.521.00
PG - N. M. Enterprises		9,916,00
PG Techcentra Infosysteme Put Ltd	2	43,943,00
PG Son Instruments	16 050 00	16,050,00
PG Technology Evcellence Group	9 351 00	9 351 00
PG Detech Devices Private Limited	10 586 00	10 586 00
PG - Reamave Technologies	-	6 525 00
PG - Total Dest Control Mangalore	21 546 00	21.546.00
PG T R Construction		12 151 00
		1

TOTAL	27,50,144.00	27,54,844.00
PG - Pragna Microdesigns	8,138.00	8,138.00
PG -Direct Electric Private Limited	14,616.00	14,616.00
PG - Sense Techno Solution	6,521.00	6,521.00
PG - Computer Clinic		5,217.00
PG - Applied Realtech Systems Pvt. Ltd.	1,24,105.00	1,24,105.00
Project Performance Gurantee of Supplier/Contractor		
PG - Techser Power Solutions Pvt. Ltd.	-	8,448.00

Sub Schedule 4: Statutory Liabilities	As at 31.03.2023	As at 31.03.2022
PF Subscription	2 8	1,949.00
CGST Output @9%	1,080.00	<u>=</u>
CGST TDS @ 1%	96,397.00	22,076.00
IGST TDS	91,108.00	1,10,836.00
SGST Output @9%	1,080.00	-
SGST TDS @ 1%	96,397.00	22,076.00
Tax(IT/SC/EC) Professional U/s.194J	31,900.00	4,25,317.00
Tax (IT/SC/EC)Contractor	2,53,764.00	97,642.00
Tax (IT/SC/EC)Rent	R#:	21,176.00
TDS(IT)Staff	9,143.00	6,781.00
Project Statutory Liabilities		
IGST TDS @ 2%	~	35,333.00
Tax Deducted at Source -194J	15,200.00	5,000.00
TOTAL	5,96,069.00	7,48,186.00

SUB SCHEDULE 5: Other Current Liabilities	As at 31.03.2023	As at 31.03.2022
Salaries	1	
O/s Salary & Wages	1,15,27,551.00	1,06,25,544.00
Other funds		
CCMT Expenses Advance Received	63,940.00	63,940.00
DASA Admission Expenses Reimbursement	21,000.00	5
CSAB Expenses Advance Received	4,12,912.00	1,19,762.00
Projects Funds		
Overhead-Faculty & Staff Development Fund	5,64,550.00	4,30,175.00
Other liabilities		
O/s Electricity Charges	2,46,872.00	2,02,885.00
O/s Hospitality Expenses	÷	1,90,584.00
O/s Lab Consumable	, 7 .	20,686.00
O/s Lien Contribution of Director	· +	10,49,755.00
O/s News Paper & Periodicals	¥	1,116.00
O/s NPS Matching Share	11,47,260.00	10,72,896.00
O/s Patent Charges	-	32,464.00
O/s Repair & Maint.	<u> –</u>	5,420.00
O/s. Staff Telephone Charges	8	59,529.00
O/s Stipend (M Tech & Phd)	=	25,03,712.00
O/s Telephone Charges	<u>-</u>	9,765.00
O/s SAC Expenses	=	28,000.00
O/s Postage	965.00	965.00
O/s Water Charges	-	3,318.00
Staff Pavables		
Dr.C. Vyjayanthi -Payable	43,256.00	न ,
Dr. Keshavamurthy B. NPayable	11,523.00	-
Dr. Modi Chirag Navinchandra - Payable	33,628.00	<u></u>
Dr. Pravati Swain -Payable	4,615.00	
Dr. Purushothama B. RPayable	4,693.00	-
Dr. Ragoju Ravi - Payable	13,519.00	<u>-</u>
Dr.Sarani Ghosal Mondal- Payable	5,533.00	8
Dr. Shivnarayan Patidar - Payable	5,400.00	-

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1,54,429.00	(1)
1,432.00	27
9,470.00	12
4,195.00	8 4 0
11,090.00	.e
2,500.00	1.77
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3,687.00	3
12,685.00	x x•
	12,685.00 3,687.00 47,480.00 2,500.00 11,090.00 4,195.00 9,470.00 1,432.00 1,54,429.00

SUB SCHEDULE 6: PROVISIONS	As at 31.03.2023	As at 31.03.2022
O/s Audit Fee		40,500.00
TOTAL	-	40,500,00

SUB SCHEDULE 7: LOANS & ADVANCES	As at 31.03.2023	As at 31.03.2022
1. Advances to employees: (Non - Interest bearing)		
a) Others		
Imprest Advance		
Dr. Veerakumar T., Asst. Prof Emp. No1130033	19,176.00	(.
Suresh Mikkil Asst. Prof.	50,000.00	
2. Advances and other amounts receoverable		
a) On Capital Account		
CPWD, Goa - New Campus	-	
CPWD, Goa - New Campus - HEFA Loan	5,51,64,881.00	27,34,14,237.00
The Executive Engineer PWD DIV VIII Margao	33,33,848.00	31,36,983.00
Goa State PWD	1 8 2	-
b) to Suppliers		
CPWD, Goa (Electrical)	142 2	(H)
<u>c) Others</u>		
Imprest Advance/Other Advance		
Saavyas NIT Goa	ш. С	-
Income Accrued		
Accrued Interest on Investment (Canara Bank)	41,44,449.00	34,61,523.00
Accrued Interest on Investment (Union Bank of India)	2,87,88,949.70	2,29,81,124.70
Prepaid Expenses		54,98,940.00
Grants Receivable		
MHRD (Plan Grant Receivable)		
Claims Receivable		
Payu Money-Tution Fees	65,873.56	1,14,040.19
Indian Council for Cultural Relations (ICCR)	(4,000.00)	8,000.00
Payu Moneybiz-DASA	78,173.00	66,602.00
Payu Money-Hostel	2,513.88	41,81,341.00
Students Hostel Fee Receivable	1,875.00	1,875.00
Projects Claim Receivable		
Office of the Executive Engineer and Senior Manager (Civil)-II, CPWD	3,75,240.00	
Tax Deducted at Source A.Y-2022-23	79,721.20	36,569.00
TOTAL	9,21,00,700.34	31,29,01,234.89

Sub Schedule 8: Deposits (Assets)	As at 31.03.2023	As at 31.03.2022
Security Deposit to Div X - Electricity Deposit	5,00,000.00	5,00,000.00
TOTAL	5,00,000.00	5,00,000.00

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

Director DIRECTOR

2000

FOR AND ON BEHALF OF THE BOARD

TOTAL

REGISTRAR



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

1,65,14,80,561.66 1,43,13,82,772.44

a) Cash in Hand	0.	3	a) Establishment Expenses	13.43.69.091.00	12.10.99.407.00
b) Bank Balances	R	¢.	b) Academic Expenses	2, 16, 14, 339.00	3,29,66,631.00
i) in current accounts			c) Administrative Expenses	28,77,742,21	1,36,30,589.30
ii) in deposit accounts	73,64,83,133.00	78,98,44,428.00	d) Transportation Expenses		20,27,597,00
iii) in savings accounts	17,75,49,580.27	4,87,83,588.69	e) Repairs & Maintenance	2,500.00	1 77, 56, 237,00
II. Grant Received (As per RP Schedule 2)			f) Prior Period Expenses	90	Ē
			II. Payments made against Earmarked/Endowment Funds (As per RP		
a) From Govt. of India			Schedule 13)		5
			III. Payments against Sponsored Projects/Schemes (As per RP Schedule		
Plan Grant -Capital	5		14)	63,11,975,20	79,92,694,09
-			IV. Payments against Sponsored Fellowships/Scholarships (As per RP		
Plan Grant-Revenue	52,97,11,115,00	43,09,05,743.00	Schedule 15)	9,02,485,00	8,49,490.60
b) From State Govt.	3	<u>(</u>	V. Investments and Deposits made		
c) From other sources	5	1900 1	a) Out of Earmarked/Endowments funds	08	100
(Grants for Capital & revenue expenditure to be shown separately if avaitable)			b) Out of own funds (Investments- Others)	() ()	89
III. Academic Receipts (As per RP Schedule 3)	12,00,58,019.76	7,00,91,077.80	VI. Term Deposits with Scheduled Banks	*	ĸ
			VII. Expenditure on Fixed Assets and Capital Works - in- Progress (As		
IV. Receipts against Earmarked/Endowment Funds (As per RP Schedule 4)	15		per RP Schedule 16)		
V. Receipts against Sponsored Projects/Schemes (As per RP Schedule 5)	47,46,937.80	87,24,157.83	a) Fixed assets	Ĩ.	88,21,200.00
VI. Receipts against sponsored Fellowships and Scholarships (As per RP					
Schedule 6)	·· 8,49,850.00	9,18,948.60	b) Capital Works-in-progress	•	10,01,630,00
			VIII. Other Payments including statutory Payments (As per RP Schedule		
VII. Income on investments from			17)	66,26,87,357,35	7,01,28,846.00
a) Earmarked/Endowment Funds	æ	8	IX. Refunds of Grants (As per RP Schedule 18)		
	75	3	a) Plan Grant -Revenue	4,97,21,500.65	7,57,38,540.00
VIII. Interest Received (As per RP Schedule 7)			b) Plan Grant -Capital	8	ā
a) Bank Deposits	3,09,33,019.00	3,84,37,120.00	c) Interest refunded to MOE on Plan Grants	2,00,27,164.00	16,10,85,783.18
b) Loans and Advances	98	SAL.	X. Depositis and Advances (As per RP Schedule 19)	1,06,28,154,00	42,53,414.00
c) Saving Bank Accounts	13,12,924.00	16,17,140.00	XI. Other Payments		1
IX. Investments Encashed	10	20	XII. Closing balances (As per RP Schedule 20)		
X. Term Deposits with Scheduled Banks Encashed	73		a) Cash in hand	8	8
XI. Other Income (including Prior Period Income) (As per RP Schedule 8)	9,134,83	1,03,340.52	b) Bank Balances		
XII. Deposits and Advances (As per RP Schedule 9)	57,60,322.00	16,61,951.00	i) in current accounts	1220	
VIII alliandillannaan Baaninda taaluidise Statutaan Baaninte (Aa nar DD Schadula 40)	4 40 66 578 M	4 00 01 777 00	it) in denosit accounts	70.12.18.803.00	73.64.93.133.00
Alli, reiscenareous reverpts including statutury veverpts (no point). Oursewer for XIV. Any other receipts - Misc (As per RP Schedule 11)		3,500,00	ii) in savings accounts	4,21,19,450,25	17,75,49,580.27
			•		
TOTAL	1.65,14,80,561.66	1,43,13,82,772.44	TOTAL	1,65,14,80,561.66	1,43,13,82,772.44

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST, MARCH, 2023 NATIONAL INSTITUTE OF TECHNOLOGY GOA

As at 31.03.2023 As at 31.03.2022

PAYMENTS

I. Expenses (As per RP Schedule 12)

As at 31.03.2023 As at 31.03.2022

RECEIPTS

I. Opening Balances (As per RP Schedule 1)

PLACE: PONDA, GOA

Registrar

[(See Rule 238 (1)] FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION GFR 12 - A

ť, 4.

UTILIZATION CERTIFICATE FOR THE YEAR 2022-23 in respect of recurring/non-recurring GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

Name of the Scheme : Plan Grant
 Whether recurring or non-recurring grants : Recurring
 Grants position at the beginning of the Financial year
 Gash in Hand/Bank :

 (i) Cash in Hand/Bank :
 (ii) Unadjusted advances :
 (iii) Total :

35,99,27,738.16 39,87,00,330.50 75,86,28,068.66

1 2 3 3 6 4 7 6 7 1231 37,0,6,5,1543 6,414,6,10 2,6,323,00 11,43,153 9,14,8,4,443 6,114,410 6,114,411 6,114,411 6,114,411	1 2 3 3 6 4 6 7 [231] 37/0.65/13410 6.4/14610 2.6/3.3200 F(N ad SC) (3.6) 64/146400 45/1160.4000 64/1464440 45/1160.4000 65/1464440 45/1160.4000 65/1464440 45/1160.4000 65/1464440 45/1160.4000 65/146440 45/1160.4000 65/1464440 45/1160.4000 65/1464440 45/1160.4000 65/1464440 45/1160.4000 65/1464440 45/1160.4000 65/1464440 45/1160.4000 15/03.4000 65/1464444 45/1160.4000 15/03.40000 15/03.4000 15/03.	Unspent Balance Grants received y [figure as at SI. No.3	es of rears ((iii)]***	Interest Earned thereon *	Interest / Grants deposited back to the Government	Grant receiv	ed during the year		Total Available funds (1+2-3+4)	Expenditure incurred**	Closing Balances (5-6)
12-31 29.7645/18430 Be.41,846.00 2.56,28,330.00 Fixed scatters fill (112-31) Amount (11) Amoun	231 20,00000 56,14,64,46 2,56,23,230 7,000000 56,14,64,46 42,1169,460 15,03,24,169 2,3,1,169 6,6,1,164,00 2,56,23,230 1,000,0000 66,14,64,46 9,11,169,460 1,5,13,24,169 1,4,6,1,6,00 2,56,23,230 1,13,000 1,13,131 1,100,0000 66,14,64,46 9,11,169 1,13,131 1,4,6,00 1,4,6,00 1,4,6,00 0,000 1,4,6,00 0,000 1,4,6,00 1,5,13,24,190	+		2	3		4		ß	9	7
(2.3) 36,76,65,164 64,4,66,50 2,56,23,30,00 64,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,46,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,41,60 4,1116,4,61	12.31 23.78,655,156,16 5.44,465,00 2.56,23,30,000 64,14,44,493 4,311,163,4006 15,023,41063,200 12.41 27.66,651,161,17 12,602,000,00 136,042,000,00 136,042,000,00 15,043,440,93 43,1163,400 15,023,41063,20 12.45 14,04,000,00 14,042,000,00 14,042,000,00 14,042,000,00 15,043,400,00 15,040,400,00 15,040,400,00 15,040,400,00 15,040,400,00 15,040,400,00 15,040,400,00 <th></th> <th></th> <th></th> <th></th> <th>Sanction No. (i)</th> <th>Date (ii)</th> <th>Amount (iii)</th> <th></th> <th></th> <th></th>					Sanction No. (i)	Date (ii)	Amount (iii)			
Image: Second	Internation Constrained (0) Constrained (0	12-31 28 76 85	5 138 93	86 41 845 00	2 56 28 329 00	F Nn 36-3/2022-TS III (112-31 Gna)	CCUCIFUIDC	50 00 000 00	58 14 04 440 02	42 11 ED 480 EA	16 02 24 060 20
1 1	1 330/3223 11/200000 130/3223 11/200000 130/3223 11/200000 130/3223 11/200000 130/3223 13/200000 130/3233 13/200000 130/3233 13/200000 130/3233 13/200000 130/3233 13/200000 130/2023 130/202330 13/200200 130/202330		20000		00.000.00.00.00	F.No.36-3/2022-TS.III (112-31 Goa)	18/07/2022	00.000.00.88	100,111,110,111,000	to'not'en'i i 'ct	10'00'5+'308'53
1 1	1 1 4 6 4 6					F.No.36-4/2022-TS.III (112-31)	19/07/2022	1.07,00.000.00			
1 666/50/416 35 30.002/200 10.00000000000000000000000000000000000	Image: Second					F.No.36-4/2022-TS.III (112-31)	16/08/2022	1.07.00.000.00			
Image: Second	1 1					F.No.36-4/2022-TS.III (112-31)	06/09/2022	1,08,00,000.00			
Image: Section 2012 Set (112.201) Enh (112.201) <thenh (112.201)<="" th=""> Enh (112.201)</thenh>	And Sectors TSL III Condition of the sectors TSL III Condition of the sectors TSL III (11231) Condithe sectors TSL I					F.No.36-3/2022-TS.III	13/09/2022	8,00,00,000.00			
1 540.364-672375411 (17.3.1) 0511/3222 86.00.0000 60.000000 60.00000 60.000	Image: Second condition Second con					F.No.36-3/2022-TS.III	11/10/2022	1,45,00,000.00			
1 061/1202 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 860.0000 101/12022 <	13 11,66,57,117 (1) 11,32,73,60,000 60,000,000 11,13,13 11,11,233 11,11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,233 11,11,21,236,55 11,13,23,256,00 11,1					F.No.36-4/2022-TS.III (112-31)	26/10/2022	88,00,000.00			
1 1	And Sector 251 1(172002 600,0000 1(17202 1(1072022 600,0000 1(1231) 1(1072022 600,0000 1(1231) 1(1072022 600,0000 1(1231) 1(1072022 600,0000 1(1231) 1(1072022 600,0000 1(1231) 1(1072022 600,0000 1(1231) 1(1072022 600,0000 1(1231) 1(1072022 1(1071) 4(10201) 1(1071) 4(10201) 1(1071) 4(10201) 1(1071) 1(1000000 1(1000000 1(100000<					F.No.36-4/2022-TS.III (112-31)	03/11/2022	88.00.000.00			
10 110 101 205 000000000000000000000000000000000000	11 11<					F.No.36-4/2022-TS.III (112-31)	10/12/2022	88,00,000.00			
1 1 3.50,00000 5.00,000000	2-36 11,06,0000 200,0000 200,0000 10,00000 <					F.No.36-3/2022-TS.III	11/01/2023	2.05.99.545.00			
10 10 2-35 50,00000 10,000000 10,000000 10,00000<	1 (1,6,0,7,117) (1,3,1,2,5) (1,1,1,1,2,5) (1,1,1,1,2,5) (1,1,1,2,3) (1,1,2,1,2) (1,1,2,1,2) (1,1,2,1,2) (1,1,2,1,2) (1,1,2,3) (1,					F.No.36-4/2022-TS.III (112-31)	25/01/2023	52.00,000.00			
13 1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	13 11.3616/117.01 41.96.364.00 738.473.50 MA NA - - 11.337.356.00 156.92.360.36 9.76.60 345.45 2-36 6.96.50,416.35 30.09.2533.00 738.975.00 MA NA - - 11.337.356.001 156.92.360.36 9.76.60 345.45 2-36 6.96.50,416.35 30.09.2533.00 738.90.381.00 FM0.36-7022.751 III (17.2-36 236.472022 88.00.000.00 19.06.230.0635 7.76.15.341.84 2-36 6.96.50,416.35 30.09.250.00 17.00.712.365.63 12.0607020 19.06.230.0635 7.96.15.341.84 2-36.50,416.35 30.09.250.00 7.36.30.381.00 FM0.38-42022.751 III (17.2-36) 17.10.712.365.632 7.50.00000 2-36.50,56 FM0.38-42022.751 III (17.2-36) 10.600.000 19.06.230.000 19.06.230.000 19.06.230.000 19.06.230.000 19.06.230.000 19.06.230.000 17.10.713.566.52 7.36.15.341.84 2-36.50,56 FM0.38-42022.751 III (17.2-36) 17.000.000 19.000.000 19.000.000 19.06.200.000 19.06.250.56 7.36.15.341.84 2-36.50,56 FM0.38-42022.751 III					F.No.36-4/2022-TS.III (112-31)	07/02/2023	52,00,000.00			
33 11,8867,117.01 44,90,364.00 73,88,975.00 NA 10,656,650.00 11,33,73,506.01 156,92,560.56 976,60,345.45 136 6,96,50,416.35 30,032,203 100 FNo.364,47222.75.111 (17,38 Gaa) 23,04,702.02 89,00,0000 19,06,233,065.22 7,96,15,541.144 13,05,0,31,00 FNo.364,4722.75.111 (17,38 Gaa) 2,064,702.22 89,00,0000 19,06,233,06.33 11,10,13,966.52 7,96,15,541.144 14,05,14,17,01 5,00,0000 FNo.364,4722.75.111 (17,236 Gaa) 2,064,702.22 89,00,0000 19,06,233,06.33 11,10,13,966.52 7,96,15,541.144 14,05,14,17,01 5,00,0000 FNo.364,4722.75.111 (17,236 Gaa) 12,0650.202 13,00,0000 19,06,239.035 11,10,13,966.52 7,96,15,341.144 14,05,00,000 FNo.364,4722.75.111 (17,236 Gaa) 12,0650.202 13,00,0000 19,06,239.035 11,10,13,966.52 7,94,15,341.144 14,05,00,000 FNo.364,4722.75.111 (12,236 Gaa) 16,06,0000 19,06,230.000 19,06,230.000 11,32,367.545 11,40,000 11,32,367.545 11,40,000 11,32,375.551.144 11,32,357.511.84 11,26,02,255.511.142,236	33 1,0,0,5,2,50,50 A 1,0,0,2,50,50 4,7,6,9,50,50 4,7,6,9,5,50,50 5,6,9,0,000,00 5,6,00,000,00 5,6,00,000,00 5,6,00,000,00 5,6,00,000,00 5,6,00,000,00 5,6,00,000,00 5,6,00,000,00 5,6,0,00,00,00					F.No.36-4/2022-TS.III (112-31)	03/03/2023	51.00.000.00			
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-36 6,96,50,416,35 30,08,253,00 3,36,30,381,00 F.No. 36+7202275111 (112-36 Gaa) 28/04/2022 89,00,000 00 19,06,23,308.35 11,10,13,966,52 7,39,15,341,34 F.No. 36+720227511 (112-36 Gaa) 7,500,000 00 19,06,23,308.35 11,10,13,966,52 7,30,15,341,34 F.No. 36+720227511 (112-36 Gaa) 15/06/2022 7,50,000 00 15/06,202 7,50,000 00 F.No. 36+720227511 (112-36) 16/06/2022 7,50,000 00 15/06,202 7,50,000 00 F.No. 36+720277511 (112-36) 16/06/2022 17,500,000 00 15/06,000 00 15/06,000 00 F.No. 36+720277511 (112-36) 16/06/2022 17,500,000 00 15/06,000 00 15/06,000 00 F.No. 36+720277511 (112-36) 16/06/2022 17,800 00 00 16/08,202 19,400 00 00 F.No. 36+720277511 (112-36) 16/07/2022 19,400 00 00 16/02,202 16/04,000 F.No. 36+720277511 (112-36) 16/02,202 16/00,000 16/02,202 16/00,000 F.No. 36+720277511 (112-36) 16/02,202 16/00,000 17/202 16/00,000 F.No. 36+720277511 (112-36) 16/07,2022	-36 6,96,50,416,35 30,02,23,00,351 (17,36,12,36,33) (17,01,3,96,52) 7,39,15,341,34 1	11,68,67	7,117.01	44,96,364.00	79,89,975.00	N.A	NA	•	11,33,73,506.01	1,56,92,560.56	9,76,80,945.45
Image: No.36-4/2022-TS.III (112-36 Gaa) 12/05/2022 89,00,000 00 Image: No.36-4/2022-TS.III (112-36 Gaa) 12/05/2022 89,00,000 00 Image: No.36-4/2022-TS.III (112-36 Gaa) 12/05/2022 89,00,000 00 Image: No.36-4/2022-TS.III (112-36) 13/00/2000 00 Image: No.36-4/2022-TS.III (112-36) 13/00/2000 00 Image: No.36-4/2022-TS.III (112-36) 13/00/2000 00	FN0.36472027151II (112-36 Gaa) 12/05/2022 89,00,000 00 FN0.36472022715III (112-36 Gaa) 12/05/2022 89,00,000 00 FN0.36472022715III (112-36) 13/07/2022 1	-36 6,96,50	,416.35	30,09,253.00	3,36,30,361.00	F.No.36-4/2022-TS.III (112-36 Goa)	28/04/2022	89,00,000.00	19,08,29,308.35	11.10,13,966.52	7,98,15,341.84
Image: Non-statistical state Conditistical state <thconditistical state<="" th=""> Conditistiean sta</thconditistical>	Fload-472022-TS III (112-36 Gaa) 0506/2022 85,00,000 00 6 15:0622022 75,00,000 00 15:0602002 15:00,000 00 15:0602002 15:00,000 00 15:0602002 15:00,000 00 15:00,000 00 15:00,000 00 15:00,000 00 15:00,000 00 15:00,000 00 15:00,000 00 15:00,000 00 15:00,000 00 16:00,000 00					F.No.36-4/2022-TS.III (112-36 Goa)	12/05/2022	89,00,000.00			
Image: No.3647022-T5.III (112-36) 15/06/2022 75,00,000.00 FNo.3647022-T5.III (112-36) 15/06/2022	Image: Non-state (11:2) Image: Non-sta					F.No.36-4/2022-TS.III (112-36 Goa)	08/06/2022	88,00,000.00			
Image: Non-service state	Image: No.36-4/2022-TS.III (112-36) 19/07/2022 1/08/00/000 1/08/00/00 1/08/00/		-			F.No.36-4/2022-TS.III (112-36 Goa)	15/06/2022	75,00,000.00			
Image: No.364/2022 TS.III (112-36) 16/08/2022 1,08,00,000.00 16/08/2022 1,08,00,000.00 16/08/2022 1,08,00,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,112.36) 100,112.2022 134,00,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,112.305 100,000.00 100,122.32 114,0,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 100,000.00 10						F.No.36-4/2022-TS.III (112-36)	19/07/2022	1,08,00,000.00			
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	(4,13,89,508.00)	(1,94,17,849.94)		(84 067.20,68)	(1,76,81,721.42)	(18,86,923.85)	
	789-35	789-36	20.804	5	796-35	796-36	

Component wise utilization of grants: Grant-in-aid-General - 31 Grant-in-aid-General - 31 Grant-in-aid-General - 31 796-31 796-31 796-31 796-31 796-31 796-36 706-36	Grant-in-aid-	Salary - 36 -5alary - 36 11,10,13,966,52 2,03,83,920,41 2,03,83,920,41 14,12,76,248,35 14,12,76,248,35 18,09,21,672,73 18,09,21,672,73 18,42,55,520,73 18,42,55,520,73 I8,52,550,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,52,55,520,73 I8,52,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,42,55,520,73 I8,52,520,73 I8,52,55,520,73 I8,52,520,520,520 I8,52,520,520,55,520,520 I8,52,520,520,520,520 I8,52,520,520,520,520,520,520,520,520,520,	Grant-in-aid-creation of capital 112-35 96-35 96-35 resonctioned have been duly fulfilled/a re sanctioned have been duly fulfilled/a ng assets registers) are maintained as imentioned in financial statements of phy red that are in violation of relevant Actif eme have been assigned in clear terms reas/districts were covered where the s filons authorized as per the scheme gu ueme of the scheme has been accordin s given at Annexure – 1 duly enclosed.	assets -35 1,56,92,560,56 28,81,402.36 13,96,371,91 1,99,70,334.84 1,99,70,348.84 1,99,70,348.84 1,90,70,90 1,90,70 1	Total Total that I have exercised following chec evant Act/Rules/Standing instructor the financial inputs, ensuring quality the financial inputs, ensuring quality the financial inputs, ensuring quality the financial inputs, ensuring quality stions and scheme guidelines. In nature.	55,78,76,007.72 6,35,37,873.95 3,36,42,095.75 6,5,51,15,977.43 65,51,15,977.43 cks to see that the mor	oney has been actua tules) and have beer 2. & the periodic eval	illy utilized for the n duly audited by luation of internal
Grant-in-aid-General - 31 Grant-in-aid-General - 31 112-31 43, 11, 69, 480, 64 112-36 789-31 4, 03, 32, 551, 19 789-36 796-31 2, 23, 67, 362, 41 796-36 796-31 2, 23, 67, 362, 41 796-36 796-31 2, 23, 67, 362, 41 796-36 707AL 49, 38, 69, 394, 24 A 707AL A	Grant-in-aid- he year he year the condition the condition the dance tally v guarding public curveness.	Salary - 36 11,10,13,966,52 1 2,03,83,920,41 7 98,78,361,43 7 14,12,76,248,35 14,12,76,248,35 14,42,55,520,73 33,33,848,00 18,42,55,520,73 18,09,21,672,73 33,33,848,00 18,42,55,520,73 is on which grants wer and registers (includir with the audited figures or execution of the sche iarries and only such a teme was in the propol	Grant-in-aid-creation of capital 112-35 189-35 96-35 96-35 re sanctioned have been duly fulfiled/a re sanctioned have been duly fulfiled/a nentioned in financial statements/acc ing assets registers) are maintained as in entioned in financial statements/acc ing outcomes and achievements of phy red that are in violation of relevant Actif eme have been assigned in clear terms reas/districts were covered where the s fitons authorized as per the scheme gu lame of the scheme has been accordin s given at Annexure – 1 duly enclosed.	assets -35 1,56,92,560,56 28,81,402.36 13,96,371,91 1,99,70,334,84 1,90,70,90 1,90,70 1,90	Total Total that I have exercised following chec evant Act/Rules/Standing instruction the financial inputs, ensuring quality the financial inputs, ensuring quality the financial inputs, ensuring quality the orderate.	55,78,76,007.72 6,35,97,873.95 3,36,42,095.75 65,51,15,977.43 65,51,15,977.43 cks to see that the mor cks to see that the mor or (mention the Act/Ru or (in asset creation etc.	oney has been actua tules) and have beer tules the periodic eval	ily utilized for the n duly audited by luation of internal
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Details of grants position at the end of the (i) Cash in Hand/Bank : (ii) Unadjusted Advances : (iii) Total: Certified that I have satisfied myself that purpose for which it was sanctioned: (i) The main accounts and other subsidi designed auditors. The figures depicted	te year t the condition if above tally v guarding public ctiveness.	18,09,21,672.73 33,33,848.00 18,42,55,520.73 is on which grants wer and registers (includir with the audited figures c funds/assets, watchi with the secution of the sche biaries and only such a terme was in the propoi	e sanctioned have been duly fulfilled/a ig assets registers) are maintained as i mentioned in financial statementa of phy ed that are in violation of relevant Act/f eme have been assigned in clear terms reas/districts were covered where the s fitons authorized as per the scheme gu uame of the scheme has been accordin s given at Annexure – I duly enclosed.	re being fulfilled and prescribed in the rel punts. sical targets against kules/standing instruc and are not general cheme was intended delines and terms an g to the requirement of the requirement	that I have exercised following chec evant Act/Rules/Standing instruction the financial inputs, ensuring quality ctions and scheme guidelines. in nature. to operate. d conditions of the grants-in-aid. s, as prescribed in the guidelines iss	cks to see that the mor sk (mention the Act/Ru in asset creation etc.	oney has been actual ules) and have beer ules & the periodic eval	lly utilized for the n duly audited by luation of internal
Certified that I have satisfied myself that purpose for which it was sanctioned: (i) The main accounts and other subsidi designated auditors. The figures depicted	t the condition liary accounts ad above tally v guarding public ctiveness.	is on which grants wer and registers (includin with the audited figures c funds/assets, watchi ctions have been enter ctions have been enter aiaries and only such a iteme was in the propor	e sanctioned have been duly fulfilled/a ig assets registers) are maintained as imentioned in financial statements/acci ng outcomes and achievements of phy red that are in violation of relevant Act/ ame have been assigned in clear terms reas/districts were covered where the s ritions authorized as per the scheme gu dame of the scheme has been accordin s given at Annexue – I duly enclosed.	re being fulfilled and prescribed in the rel bunts. sical targets against tules/standing instruc and are not general cheme was intended delines and terms an g to the requirements inistry/Department co	that I have exercised following chec evant Act/Rules/Standing instruction the financial inputs, ensuring quality thors and scheme guidelines. in nature. to operate. d conditions of the grants-in-aid. s, as prescribed in the guidelines isst	ks to see that the mor is (mention the Act/Ru in asset creation etc.	mey has been actual ules) and have beer . & the periodic eval	lly utilized for the n duly audited by luation of internal
(i) The main accounts and other subsidi designated auditors. The figures depicted	liary accounts id above tally v guarding public ctiveness.	and registers (includin vith the audited figures c funds/assets, watchi ctions have been enter are execution of the sche alaries and only such al ieme was in the propor	ig assets registers) are maintained as imentioned in financial statements/acci ng outcomes and achievements of phy red that are in violation of relevant Act/F ame have been assigned in clear terms reas/districts were covered where the s ritions authorized as per the scheme gu dame of the scheme has been accordin s given at Annexure – I duly enclosed.	prescribed in the reli- sunts. sical targets against tules/standing instruc and are not general cheme was intended delines and terms an g to the requirements inistry/Department co	evant Act/Rules/Standing instruction the financial inputs, ensuring quality thons and scheme guidelines. in nature. to operate. d conditions of the grants-in-aid. s, as prescribed in the guidelines issu	is (mention the Act/Ru / in asset creation etc.	ules) and have beer . & the periodic eval	n duly audited by luation of internal
(ii) There exist internal controls for safeg controls is exercised to ensure their effect		ctions have been enter r execution of the sche karies and only such an teme was in the proport I performance under (h	ed that are in violation of relevant Act/F ame have been assigned in clear terms reas/districts were covered where the s ritions authorized as per the scheme gui lame of the scheme has been accordin s given at Annexue – I duly enclosed.	ules/standing instruct and are not general i cheme was intended delines and terms an g to the requirements mistry/Department co	tions and scheme guidelines. In nature. to operate. Id conditions of the grants-in-aid. s, as prescribed in the guidelines issu			
 (iii) To the best of our knowledge and belicity. The responsibilities among the key fuilt (v) The benefits were extended to the interval 	elief, no transat unctionaries fo ended benefic	eme was in the propor I performance under (N	tions authorized as per the scheme gui tame of the scheme has been accordin s given at Annexure – I duly enclosed.	delines and terms an g to the requirements nistry/Department co	d conditions of the grants-in-aid. , as prescribed in the guidelines issu			
(vi) The expenditure on various compone (vii) It has been ensured that the physical	ents of the sch I and financial		s given at Annexure - I duly enclosed.	nistry/Department co		led by Govt. of India ar	and the performance	ftargets achieved
statement for the year to which the utiliza: (viii) The utilization of the fund resulted in (ix) Details of various schemes executed requirements/specifications).	ation of the fun n outcomes giv 1 by the agenc	id resulted in outcome. ven at Annexure – II du through grants-in-aid	uly enclosed (to be formulated by the ivi I received from the same Ministry or fir	om other Ministries is	incerned as per their requirements/si enclosed at Annexure –II (to be for	pecifications.) mulated by the Ministry	ry/Department conce	rned as per their
Date: 05.12.2023								
Place: Farmagudi, Ponda, Goa - 403 401	-				(christ)	i ha		
106.21	•				アク	419		
Signature : Lucia					Signature :			
Name : Dr. Shashidhar K. Kudari					Name : Dr. Omp	orakash Jaiswal		
Registrar					Director			
*Note: The interest for the F.Y-2022-23 opening and closing balance of respect * As per Rule 238(4) of GFR the advanc ** The provision for Retirement Benefit	3 will be refun ctive heads be rees given to 3 its of the Curr	ided once the accour efore adding of intere Suppliers has been si rent year (net of paym	nts are finalized as per GFR Rule 230 ist. hown as amount spent under expen- nent during the year of Rs. 3202752/-	(8). Interest is alloc liture head as there of Rs.20264980/- is	ated between different heads hav is cash outflow. deducted from the Salaries head (ing positive balance (OH-36) to arrive at the	e arrived on the bas he expenditure duri	is of average of ng the year.
*** The opening balances of unutilized F.Y 2018-19 & F.Y-2019-20 booked in Ge	I grants unde ieneral Head-	r respective heads h 31 instead of Capital	ave been re-grouped based on the u Head-35.	tilization thereof ur	ider proper heads in earlier years	in respect of Rs. 43,	,90,311/- paid to Go	oa State PWD in
**** The column no. 3 above includes the Head OH-31 & Rs 3 22 09 043/- under Sa	the interest o	on Grants refunded to OH-36 respectively	MOE from the F.Y-2021-22 of Rs.2,	00,27,164/ It also ii	ncludes Grants lapsed under TSA	as on 31.03.2023 of	f Rs.1,75,12,457.65/	- under General
***** The amount of Rs.2,35,088.84/- ha	as been show	vn as utilisation from	the Capital Head-35 in the current	inancial year towar	ds Fixed Assets Written Off Rs.1,	24,828.84/- in F.Y-201	114-15 (net of depre	ciation w/off) &



भारतीय लेखापरीक्षा और लेखा विभाग INDIAN AUDIT & ACCOUNTS DEPARTMENT महानिदेशक लेखापरीक्षा (केन्द्रीय) का कार्यालय, मुंबई O/o the DIRECTOR GENERAL OF AUDIT (CENTRAL), MUMBAI C-25, Audit Bhavan, Bandra Kurla Complex, Mumbai- 400 051 e-mail – <u>pdacentralmumbai@cag.gov.in</u>



क्र. म.नि.ले.प.(के.)/ना.एवं.स्वा.नि./एस.ए.आर/2022-23/NIT Goa/

दिनांकः .12.2023

सेवा में,

सचिव, भारत सरकार शिक्षा मंत्रालय, उच्च शिक्षा विभाग, शास्त्री भवन, नई दिल्ली – 110001.

विषय – वर्ष 2022-23 के लिए राष्ट्रीय प्रौद्योगीकी संस्थान, गोवा, के लेखो पर प्रथक लेखापरीक्षा प्रतिवेदन।

महोदय,

31 मार्च 2023 को समाप्त वर्ष के लिए **राष्ट्रीय प्रौद्योगीकी संस्थान, गोवा,** के लेखों पर संशोधित प्रथक लेखापरीक्षा प्रतिवेदन निम्नलिखित दस्तावेजों के साथ संसद के दोनों सदनों की पटल पर प्रस्तुत करने हेतु अग्रेषित किया जा रहा है।

- i. वर्ष 2022-23 के लिए वार्षिक लेखे
- अनुबंधक सहित लेखापरीक्षा प्रतिवेदन-सह-लेखापरीक्षा प्रमाण पत्र
- iii. प्रबंधन पत्र
- कृप्या संसद में प्रस्तुत दस्तावेजों की प्रतियां एवं सदनों में उनकी प्रस्तुति की तिथि के सम्बन्ध में सूचना इस कार्यालय को अग्रेषित की जाए। कृपया पत्र की प्राप्ति की सूचना दे।
- 3. यह पत्र महानिदेशक लेखा परीक्षा (केंद्रीय) के अनुमोदन से जारी किया जा रहा है।

भवदीय,

संलग्नकः यथोपरि

हस्ता/-जिदेशक/ना.एवं.स्वा.नि./एस.ए.आर/2022-23/NIT Goa/ 6 2 7 निदेशक, राष्ट्रीय प्रौद्योगीकी संस्थान, गोवा (National Institute of Technology, Goa) गोवा कॉलेज ऑफ इंजीनियरिंग कैंपस, फार्मगुडी, पांडा, गोवा - 403401

अनुबंधक के साथ संशोधित प्रथक लेखापरीक्षा प्रतिवेदन की एक प्रति जानकारी एवं आवश्यक कार्यवाही हेतु अग्रेषित की जा रही है। संसद में दस्तावेजों की प्रस्तुति की तिथि एवं उनकी प्रतिलिपि इस कार्यालय को प्रस्तुत की जाए।

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 2023.

We have audited the attached Balance Sheet of the National Institute of Technology Goa, ('the Institute') as of 31st March 2023 and the Income & Expenditure Account, Receipt & Payment Account for the year ended on that date under Section 19(2) of Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 22(2) of National Institute of Technology Act, 2007 (as amended in June 2012). These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

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

Based on our audit, we report that:

i. We have obtained all the information and explanations which, to the best of our knowledge and belief, were necessary for the purpose of our audit.

ii. The Balance Sheet, the Income & Expenditure Account and the Receipt & Payment Account dealt with by this report have been drawn up in the format prescribed by the Ministry of Human Resource Development, Government of India vide order No 29-7/2012-IFD dated 17 April 2015.

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

iv. We further report that:

A. Income & Expenditure

A.1 Expenditure

A.1.1 Finance Costs (Schedule 21)- ₹9.11 crore

As per AS 16 on 'Borrowing Costs' all interest payments made during the stage of construction of a capital asset should be treated as capital expenditure.

In contravention of the above, Institute has not capitalised the interest payment of ₹9.11 crore on Higher Education Financing Agency (HEFA) loan. This has resulted in understatement of Capital Fund (sch. 1) and Fixed Assets (Sch. 5) by ₹ 9.11 crore.

B. General Comments

1. The Institute has been operating from a temporary campus i.e buildings of Industrial Training Institute, Farmagudi. The construction of permanent campus of the Institute is handed over to CPWD, Goa. The existing buildings of ITI were renovated by the Institute to serve its immediate needs, however, the ownership of the buildings constructed on temporary campus does not vest with the Institute. In above context, a disclosure was made in Annual Accounts for FY 2022-23 (Para 3 under Schedule 25) which inter-alia mentions that 'as on 31.03.2023 Institute has incurred ₹10.31 crore by way of advances and expenditure in respect of temporary campus, and that this expenditure is treated as revenue expenditure and not capitalized as the ownership of campus is not with NIT Goa'.

Above accounting treatment is not correct because out of ₹10.31 crore some expenditure is of capital nature which will yield benefits to Institute in future

years (i.e. beyond the current accounting/financial year). Hence, such expenditures should be classified as Deferred Revenue Expenditure and a proportionate amount from cost of such assets should be amortised every year based on expected useful life of the assets. In this context, MoE format of Account, inter-alia, prescribes that an educational institution should disclose its significant accounting policy about classification and treatment of Deferred Revenue Expenditure. Hence, Institute needs to review its accounting treatment in above matter.

2. Schedule 4(4) – Current Liabilities & Provisions – Deposit Others included Security Deposit and EMD of ₹ 18.19 lakh which were pending for settlement for more than 3 years. This needs to be reviewed.

3. The Institute had made administrative expenses of ₹ 3.30 lakh toward Lab hire expenses for the period August 2019 to November 2019, ₹0.35 lakh as audit fee for internal audit for the year 2021-22 and ₹0.14 lakh as professional fees of actuarial valuation for year 2021-22. As these expenses pertained to earlier years, these should have been treated as prior period expense.

Omission to do so has resulted in overstatement of Administrative Expenses (Schedule-18) by ₹3.79 lakh and understatement of Prior Period Expenses (Schedule-23) to the same extent.

C. Grant in Aid

During the year, the Institute received grants-in-aid of ₹52.97 crore {₹35.79 crore under OH-31 (General ₹8.26 crore + HEFA Loan Principal ₹21.18 crore + HEFA Interest ₹6.35 crore) and ₹17.18 crore under OH-36 Salary. The Institute had earned interest of ₹1.61 crore on grants-in-aid.

Out of the total available fund of ₹91.44 crore {including Opening balance of ₹36.86 crore, grants-in-aid received of ₹52.97 crore and interest of ₹1.61 crore earned on grants-in-aid), the Institute utilized ₹73.02 crore [Capital expenditure ₹1.98 crore, Revenue expenditure ₹32.30 crore (General ₹9.06 crore + HEFA loan Interest ₹9.11 crore + Grants-in-aid salaries ₹14.13 crore) and expenditure on HEFA principal payment ₹31.77 crore.

Moreover, the Institute refunded ₹4.97 crore to the Ministry due to auto reversal of grants in Treasury Single Account (TSA) and refund of accumulated interest of ₹2.00 crore {Revenue General (OH-31) ₹96.16 lakh + Revenue Salaries (OH-36) ₹24.21 lakh + Capital (OH-35) ₹79.90 lakh)] thereby, leaving an unspent/ unutilized balance of ₹18.42 crore. During the year 2022-23, the Institute had internally generated revenue (IRG) of ₹6.82 crore.

D. Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the University through a management letter issued separately for remedial / corrective action.

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

vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements, read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in the Annexure to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India:

(a) In so far as it relates to the Balance Sheet, of the state of affairs of the National Institute of Technology, Goa as at 31st March 2023; and

(b) In so far as it relates to the Income & Expenditure Account, the surplus for the year ended on that date.

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

to a ABA

Director General of Audit (Central)

Place: Mumbai Date: 01.12.2023

Annexure

aequacy of internal Adult System	dequacy of	Internal	Audit	System	
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The Institute has neither established internal audit wing nor prepared internal audit manual. However, internal audit was conducted by Chartered Accountant's firm during the year 2022-23.

2. Adequacy of Internal Control System

The Internal control system of the Institute reflected the following deficiencies:

- Non-capitalization of finance cost incurred on construction.
- ✓ Non-reconciliation of the figures of unadjusted advances
- ✓ Although the unadjusted advances were ₹33.34 lakh as per Utilizations certificate, it was shown as ₹5.85 crore under OH-35 Capital (Schedule -9).
- ✓ Classification errors and typographical errors which needs to be rectified.
- ✓ Institute, as on 31.3.2023, has incurred ₹10.31 crore by way of advances and expenditure in respect of temporary campus and this expenditure is treated as revenue expenditure. Whereas some expenditure out of Rs. 10.31 crore is of capital nature which will yield benefits to Institute in future years (i.e. beyond the current accounting/Financial year). Hence, such expenditures should be classified as Deferred Revenue Expenditure.

3. Physical verification of Assets

Physical verification of fixed assets of the Institute for the year 2022-23 had been conducted by the Institute.

4 System of Physical verification of Inventory

The Institute does not have any inventory.

5 Regularity in payment of statutory dues.

The Institute is regular in payment of statutory dues.

No 21Br ch

Proforma on Progress of Audit

	National Institute of Technology,
Date of submission of the	Goa.
Autonomous Body	09.10.2023
Where applicable, reasons for returning the accounts for revision indicating why Draft Audit Report the accounts could not be certified with	N.A.
Date of submission of revised accounts	NA
Date on which audit was taken up and completed	N.A.
Date of issue of draft SAR to Autonomous Body for replies	23.10.2023
7 comments	
Date of receipt of replies/ comments from Autonomous Body (if received)	31.10.2023
Date of issue of draft SAR including replies/comments of Autonomous Body along with an Aide-memoire to CAG's office for approval	20.11.2023
 (a) Date of CAG's office letter Communicating clarification in SAR. (b) Date of receipt of letter at 8(a). Date of re-submission to C&AG for approval of SAR 	N.A.
Date of issue of final Audit Report to Govt. of India/State Govt./CAG's office English version- Hindi version (if required) –	01.12.2023
Reasons for delay, if any, at various stages	-
Dates of presentation of the previous Audit Reports before Parliament/Legislature. (Where the Audit Report for previous year have not been placed years to which these pertain may also be indicated.)	2021-2022 L.S.: 06.02.2023 R.S.: 08.02.2023
	Date of submission of the accounts to the Audit by the Autonomous Body Where applicable, reasons for returning the accounts for revision indicating why Draft Audit Report the accounts could not be certified with Date of submission of revised accounts essential Date on which audit was taken up and completed Date of issue of draft SAR to Autonomous Body for replies / comments Date of receipt of replies/ comments from Autonomous Body (if received) Date of issue of draft SAR including replies/comments of Autonomous Body along with an Aide-memoire to CAG's office for approval (a) Date of CAG's office letter Communicating clarification in SAR. (b) Date of receipt of letter at 8(a). Date of resubmission to C&AG for approval of SAR Date of issue of final Audit Report to Govt. of India/State Govt./CAG's office English version- Hindi version (if required) – Reasons for delay, if any, at various stages Dates of presentation of the previous Audit Reports before Parliament/Legislature. (Where the Audit Report for previous year have not been Under the Audit Report for previous year have not been Under the Audit Report for previous year have not been

Director General of Audit (Central)

Place: Mumbai Date:01.12.23



K. P. YADAW Director General of Audit (Central) INDIAN AUDIT & ACCOUNTS DEPARTMENT महानिदेशक लेखापरीक्षा, (केन्द्रीय), मुंबई - 400 051. C-25. Audit Bhavan, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051. Tel. : (O) 2657 2578 • Fax No.: 2657 2451 E-mail : pdacentralmumbai@cag.gov.in

D.O.DGA(C)/C & AB/SAR/ NIT Goa/202223/ 628 Date: 1 December 2023

Dear shi

I have audited the annual accounts of the National Institute of Technology, Goa for the year 2022-23 and have issued the Audit Report on 1 December 2023. During the course of audit, the following deficiencies, which have not been included in the Audit Report are brought to your notice for corrective and remedial action.

- (i) The Institute had utilized Grant-in-aid of ₹1.95 crore on creation of tangible assets, intangible assets and Capital work-in-progress under OH-35 Capital, which was not routed through Receipts & Payments A/c in contravention of the approved format of accounts.
- (ii) The Institute showed a balance of ₹18.42 crore (which included ₹33.34 lakh as unadjusted advances) as unspent in the provisional Utilization Certificate sent to the Ministry. Also, under Schedule 9 unadjusted advance are shown as ₹5.85 crore under OH-35, which needs reconciliation.

Regards,

Yours sincerely,

NBS

(K.P.Yadaw)

Prof. Anupam Shukla, Director, National Institute of Technology, Goa, At Goa College of Engineering Campus, Farmagudi, Ponda, Goa - 403 401.