



Statement of Account 2022-23



Indian Institute of Technology Bhubaneswar

Statement of Accounts 2022-23



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

F. No. 32-21/2021-TS.I
Government of India
Ministry of Education
Department of Higher Education
Technical Section-I

Shastri Bhawan, New Delhi
Dated : 6th November, 2023

To
The Registrar,
Indian Institute of Technology, Bhubaneswar

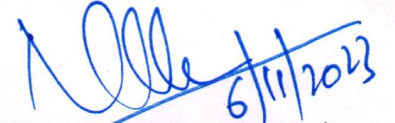
Subject : Separate Audit Report on the Accounts of IIT Bhubaneswar for the year 2022-23.

Sir,

I am directed to forward herewith a copy of Separate Audit Report on the Accounts of IIT Bhubaneswar for the year 2022-23 along with its enclosures received from the Office of Principal Director of Audit (Central), Hyderabad vide letter No. Central Expenditure Audit/2023-2024/DIS-1249738 dated 30.10.2023 on the subject mentioned above for information and compliance.

Yours faithfully,

Encl : As above.



(Nilesch Chandra Srivastava)
Under Secretary to the Government of India
Ph : 011-23381698



सत्यमेव जयते

BRANCH: PRINCIPAL DIRECTOR OF AUDIT (CENTRAL),
HYDERABAD AT BHUBANESWAR



लोकहितार्थं सत्यनिष्ठा
Dedicated to Truth in Public Interest

Ltr No: Central Expenditure Audit/2023-2024/DIS-1249738

Date: 03 Nov 2023

To,

The Secretary,
Govt. of India, Ministry of Education,
Department of Higher Education,
127-C, Shastri Bhawan, New Delhi 110001

Subject: Separate Audit Report (SAR) on the accounts of Indian Institute of Technology(IIT), Bhubaneswar for the year 2022-23- regd.

Sir/Madam,

Separate Audit Report on the accounts of the Indian Institute of Technology (IIT), Bhubaneswar, Odisha for the year 2022-23 with Annexure-I thereof and one copy of the Annual Accounts are forwarded herewith for placing before both the Houses of Parliament.

The dates of presentation of the Separate Audit Report in both the Houses of Parliament may please be intimated.

आपसे अनुरोध है की संलग्नक के साथ इस पत्र की प्राप्ति को स्वीकार करें ।

Yours faithfully,

Dusasana Behera
Director Central Revenue Audit



**SEPARATE AUDIT REPORT ON THE ACCOUNTS OF INDIAN INSTITUTE OF TECHNOLOGY (IIT),
BHUBANESWAR FOR THE FINANCIAL YEAR 2022-23**

We have audited the attached Balance Sheet of the Indian Institute of Technology, Bhubaneswar as at 31 March 2023, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 23(2) of the Institutes of Technology Act, 1961. These financial statements are 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 & 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 & 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 misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

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

(ii) The Balance Sheet and Income & Expenditure Account/Receipts & Payment Account dealt with by this Report have been drawn in the revised format of Accounts, prescribed by the Ministry of Human Resource Development Government of India for Central Educational Institutions.

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

(iv) We further report that:

A Balance Sheet

A.1 Current Liabilities & Provisions (Schedule-3) – ₹214.96 Crore

Reference Number: OBS-880794

As per provision 189 of the Central Receipts and Payments Rules 1983, unclaimed deposits are to be reviewed periodically and deposits lying unclaimed for more than three completed accounting years are to be treated as lapsed and credited to revenue account as income.

Test check of records and Annual Accounts, 2022-23 revealed that the closing balance of EMD as on 31st March 2023 was ₹1, 15, 00, 454(**Schedule-3**) received from various agencies for supply of goods and services to the Institute. Information made available to audit revealed that out of ₹80,43,126 received as EMD from 221 No. of persons/agencies as on 31st March 2020, an amount to the tune of ₹4, 47, 000(₹4,04,000 Sl. No.12 ₹25, 000Sl. No.184 and ₹18,000 Sl. No. 216) was refunded to the respective persons/agencies and the balance amount to the tune of ₹75,96,126 (₹80,43,126 less ₹4,47,000) remained unclaimed. The copy of receipt and refund of EMD by the Institute as on 31st March 2020 and 31st March 2023 in respect of 221 no. of persons/agencies is enclosed for reference. The details of receipt of EMD up-to 31st March 2020 and EMD refunded there against as on 31st March 2023 are as under:

Total No. of person/agency from whom EMD received up-to 31-03-2020	Total amount of EMD received up-to 31-03-2020	Total No. of person/agency to whom EMD refunded up-to 31-03-2023 out of 221 No. of person/agency	Total amount of EMD refunded up-to 31-03-2023 in r/o 221 No. of person/agency	Balance amount of EMD lapsed up-to 31-03-2023
1	2	3	4	5 (2-4)
221	80, 43, 126	03 (Sl. No.12, 184&216)	4, 47, 000	75, 96, 126

However, contrary to the above provision the unclaimed EMD of ₹75, 96, 126 was shown in Current Liabilities and Provisions (**Schedule-3**) in the balance sheet instead of treating it as lapsed deposit as the same was lying unclaimed for more than three completed accounting years from the date of their receipts and not credited to revenue account i.e. Income & Expenditure Account, 2022-23. As a result of which the Income under Income & Expenditure

Account is understated by ₹75,96,126 and consequently Capital Fund understated and “Current Liabilities & Provisions” overstated to that extent.

A.2 Current Liabilities & Provisions (Schedule-3) – ₹214.96 Crore

Reference Number: OBS-850974

As per Accounting Standard (AS)-15, provision for liability towards pension and other retirement benefits i.e. gratuity, leave encashment etc. of employees of the Institute needs to be accrued on actuarial basis and provided up-to the year end. Actuarial valuation of pension, gratuity and leave encashment of employees of the Institute as on 31st March is to be obtained every year and actual payments, if any in respect of the above benefit of the employees is to be debited to the respective provisions. However, scrutiny of Annual Accounts, 2022-23 (Schedule-3) revealed that provision for liability towards retirement benefits viz. pension, gratuity, leave encashment etc. of the employees of the Institute has not been calculated on actuarial basis and accounted for in the financial year 2022-23.

B. Income & Expenditure Account

B.1 Expenditure

B.1.1 Depreciation & Impairment loss (Schedule-4) – Rs. 47.52 crore

Reference Number: OBS-851204

The above includes ₹2,35,63,112 being the excess depreciation charged against capitalization of one Air Conditioning Plant and 342 nos.ofComputers/Desktops due to their misclassification heads. Scrutiny of records revealed that the unit has classified each and every sub-items under different Account Heads by followingthe Master Chart of the Heads of the Account given at **Format of Financial Statement for Central Higher Educational Institute prescribed by Ministry of Education (formerly MHRD). In contravention to above master Chart**, the Air Conditioning Plant has been misclassified under Furniture Fixture & Fittings (Rate of depreciation-7.5%) instead of taking under Plant and Machinery (Rate of Depreciation-5.0%) resulting charging of excess depreciation of ₹2,57,75,989 against the asset.

Similarly, the capitalization of 342nos. of computers/desktops have been misclassified against Scientific Equipment (rate of depreciation-8%) instead of computer and Peripherals (rate of depreciation-20%) with charging of less depreciation of ₹22,12,877 against the same. The details

of overall excess depreciation of ₹2,35,63,112 (₹2,57,75,989- ₹22,12,877) charged against above items are given at **Annexure-II**.

In view of above, the unit has overstated the deficit and depreciation to ₹2,35,63,112 each and consequently, understated the capital fund and Fixed assets to the same extent.

C. Grants-in-Aid (GIA)

The Indian Institute of Technology (IIT) Bhubaneswar received Grants-in-Aid (GIA) of ₹170.92 crore (OH-31 ₹56.97 crore, OH-35 ₹27.16 crore, OH-36 ₹53.12 crore and Higher Education Financing Agency (HEFA) loan Rs.33.67 crore from Ministry of Education, Department of Higher Education, Government of India, New Delhi during the financial year 2022-23. The total GIA available for expenditure during the said year was ₹160.50 crore which included OB of Rs. (-) 13.02 crore, GIA of ₹170.92 crore, Internal Resource Generation of ₹6.87 crore (Institute share 25 % for repayment of HEFA loan) and ₹4.27 crore (OH-35 ₹1.49 crore and OH-36 ₹2,78 crore) refunded/lapsed during the year 2022-23. However, as against the available GIA of ₹160.50 crore, the Institute utilized ₹170.33 crore resulting in deficit of ₹9.83 crore as at 31March 2023.

D. Management Letter- NIL

v. Subject to our observations in the preceding paragraphs, we report that the Balance sheet, Income & Expenditure Account and Receipts & Payments 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 **Annexure-I** 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 Indian Institute of Technology (IIT), Bhubaneswar as at 31 March 2023; and

b. In so far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.

हस्ताक्षरित

Principal Director of Audit (Central)

ANNEXURE-I TO SAR

1. Adequacy of Internal Audit System:

The Institute is having an Internal Audit Wing and the Internal audit of the Institute for the year 2022-23 was conducted by the Officer on Special Duty (OSD).

2. Adequacy of Internal Control System:

The Institute is being followed the procedure in the 'Formats of Financial Statements for Central Higher Educational Institutions' as prescribed by MoE though not having its own Accounting Manual. However, the Internal Control System needs to be strengthened considering the nature, size and volume of transaction. Technical aspects of the work executed, quality standards, sample testing, defect rectification etc. needs to be checked/reviewed either internally or by an independent agency.

3. System of Physical Verification of Fixed Assets:

The Annual Physical Verification of Fixed Assets of the Institute has been conducted up-to the year 2022-23. The present system of physical verification of fixed assets needs to be further strengthened so that obsolete, unused and idle equipment or any missing assets can be identified for taking appropriate action as per the provision of GFR 2017.

4. System of Physical Verification of Inventory:

The Annual Physical Verification of inventory of the Institute has been conducted up-to the year 2022-23. The present system of physical verification of Inventory needs to be strengthened.

5. Regularity in payment of statutory dues:

The Institute is regular in depositing the statutory dues with the appropriate authorities.

हस्ताक्षरित
Director/CRA

Annexure-II

Excess Depreciation charged for misclassification of Asset capitalized during 2022-23

(In ₹)

Sl No	Items	Amount Capitalized during FY 2022-23	Misclassified Head (Rate of depreciation)	Actual Head (Rate of depreciation)	Depreciation charged (in ₹)	Actual Depreciation to be Charged (in ₹)	Less/excess depreciation charged
1	Air Conditioning Plant	₹14886114 retrospectively for last 4 years (2018-19 to 2021-22) as the item was put to use since July-2018	Furniture, Fixture & Fittings (7.5%)	Plant & Machinery (5%)	4465834	2977223	1488611
		₹191321809 retrospectively for last 4 years (2018-19 to 2021-22) as the item was put to use under building since July-2018 and ₹1,53,05,744 @2% depreciation already charged for above 4 years has been reversed from Building to Furniture, Fixture & Fitting during current year (2022-23) and added to	Furniture, Fixture & Fittings (5.5% +2% depreciation i.e. ₹1,53,05,744 has been reversed from Building to Furniture, Fixture & Fitting		42090798 (@5.5%) + 15305744 (@ 2% reversed and added) =57396542	38264362	19132180
		₹206207923 (14886114+191321809) for current year (2022-23)	Furniture, Fixture & Fittings (7.5%)		15465594	10310396	5155198
				Sub-Total	77327970	51551981	25775989
2	342 nos. of Desktops	₹18440640.00	Scientific & Laboratory Equipment (8%)	Computer & Peripherals (20%)	1475251	3688128	-2212877
				Total	78803221	55240109	23563112

हस्ताक्षरित

Director/CRA

No.DGA(C)/BO-Odisha/SAR2022-23/IIT- BBS/2023-24/ 302

Date: 03.11.2023

सेवामे ,

The Secretary,
Govt. of India, Ministry of Education,
Department of Higher Education,
New Delhi.

Sub:- Separate Audit Report (SAR) on the accounts of
Indian Institute of Technology(IIT), Bhubaneswar for the year 2022-23- regd.

Sir/Madam,

Separate Audit Report on the accounts of the Indian Institute of Technology (IIT), Bhubaneswar, Odisha for the year 2022-23 with Annexure-I thereof and one copy of the Annual Accounts are forwarded herewith for placing before both the Houses of Parliament.

The dates of presentation of the Separate Audit Report in both the Houses of Parliament may please be intimated.

आपसे अनुरोध है की संलग्नक के साथ इस पत्र की प्राप्ति को स्वीकार करें ।

संलग्न : यथोपरि

भवदीय

हस्ताक्षरित

प्रधान निर्देशक लेखापरीक्षा (केंद्रीय)
Principal Director of Audit (Central)

Action Taken Notes on the observations of CAG contained in Separate Audit Report on the accounts of IIT Bhubaneswar for the year 2022-23

CAG Audit observation	Replies of IIT Bhubaneswar
<p>We have audited the attached Balance Sheet of the Indian Institute of Technology, Bhubaneswar as at 31 March 2023, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 23(2) of the Institutes of Technology Act, 1961. These financial statements are responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.</p> <p>2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.</p> <p>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 misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.</p>	<p>Factual observation. Needs no compliance.</p>
<p>4. Based on our audit, we report that:</p> <p>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;</p> <p>ii) The Balance Sheet and Income & Expenditure Account/ Receipts & Payments Account dealt with by this Report have been drawn in the revised format of Accounts, prescribed by the Ministry of Human Resources Development Government of India for Central Education Institutions.</p> <p>iii) In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required, in so far as it appears from our examination of such books.</p> <p>iv) We further report that:</p>	<p>Factual position.</p> <p>Ministry of Human Resources Development Government of India Now rename as Ministry of Education (MoE).</p>

CAG Audit observation

Replies of IIT Bhubaneswar

Comments on Accounts

A. Balance Sheet

A.1 Current Liabilities and Provisions (Schedule-3) - ₹ 214.96 Crore

Reference Number: OBS-880794

As per provision 189 of the Central Receipts and Payments Rules 1983, unclaimed deposits are to be reviewed periodically and deposits lying unclaimed for more than three completed accounting years are to be treated as lapsed and credited to revenue account as income.

Test check of records and Annual Accounts, 2022-23 revealed that the closing balance of EMD as on 31st March 2023 was ₹ 1, 15, 00, 454 (Schedule 3) received from various agencies for supply of goods and services to the Institute. Information made available to audit revealed that out of ₹ 80, 43, 126/- received as EMD from 221 No. of persons/agencies as on 31st March 2020, an amount to the tune of ₹ 4, 47, 000/- (₹ 4,04,000/- Sl. No.12 ₹ 25, 000/-Sl. No.184 and ₹ 18,000/- Sl. No. 216) was refunded to the respective persons/agencies and the balance amount to the tune of ₹ 75,96, 126/- (₹ 80, 43, 126/- less ₹ 4, 47, 000/-) remained unclaimed. The copy of receipt and refund of EMD by the Institute as on 31st March 2020 and 31st March 2023 in respect of 221 no. of persons/agencies is enclosed for reference. The details of receipt of EMD up-to 31st March 2020 and EMD refunded there against as on 31st March 2023 are as under:

Total No. of person/ agency from whom EMD received up-to 31-03-2020	Total amount of EMD received up-to 31-03-2020	Total No. of person/ agency to whom EMD refunded up-to 31-03-2023 out of 221 No. of person/ agency	Total amount of EMD refunded up-to 31-03-2023 in r/o 221 No. of person/ agency	Balance amount of EMD lapsed up-to 31-03-2023
1	2	3	4	5 (2-4)
221	80,43,126/-	03 (Sl. No.12, 184 & 216)	4,47,000/-	75, 96,126/-

However, contrary to the above provision the unclaimed EMD of ₹75, 96, 126/- was shown in Current Liabilities and Provisions (Schedule-3) in the balance sheet instead of treating it as lapsed deposit as the same was lying unclaimed for more than three completed accounting years from the date of their receipts and not credited to revenue account i.e. Income & Expenditure Account, 2022-23. As a result of which the Income under Income & Expenditure Account is understated by ₹ 75, 96, 126 /- and consequently Capital Fund understated and "Current Liabilities & Provisions" overstated to that extent.

As per Paragraph 7.3 of the Manual on Policies and Procedures for purchase of goods prescribed by the Union Ministry of Finance in August 2006 read with Rule 170(i) of GFR 2017 and Paragraphs 3 and 7.6.2 of Manual for Procurement of Goods 2017, EMD furnished by all unsuccessful bidders should be returned through an e-payment system without interest, at the earliest, after the expiry of the final tender validity period but not later than 30 (thirty) days after conclusion of the contract. EMD of the successful bidder should be returned after receipt of performance security as called for in the contract. As these EMD are refundable deposits, the Institute has not framed any policy for treating any EMD left un-refunded/ unclaimed for a specified period as lapsed. So, treating EMD of ₹75,96,126 as 'revenue income' of the Institute as opined by Audit would not be proper when this Institute is dependent on MoE grants for its revenue expenses and unspent IRG (Internal Resource Generation) is transferred to Corpus fund at the end of each year. This will inflate the IRG. Rather a separate account has been maintained for EMD and any refund is made out of it after proper verification.

The status of EMD received and refunded are indicated in the **Table - A.**

EMD refund is a continuous process and in a central autonomous body like IIT Bhubaneswar, provisions of Central Receipts and Payments Rules 1983 is not mandatorily applicable. The provisions of GFR 2017 is being followed in collecting EMD and refunding the same.

In view of the above, the audit observation that the income has been understated is not correct as EMD is a liability and not an income.

CAG Audit observation	Replies of IIT Bhubaneswar
<p>A.2 Current Liabilities and Provisions (Schedule -3) - ₹ 214.96 Crore</p> <p>Reference Number: OBS-850974</p> <p>As per Accounting Standard (AS)-15, provision for liability towards pension and other retirement benefits i.e. gratuity, leave encashment etc. of employees of the Institute needs to be accrued on actuarial basis and provided up-to the year end. Actuarial valuation of pension, gratuity and leave encashment of employees of the Institute as on 31st March is to be obtained every year and actual payments, if any in respect of the above benefit of the employees is to be debited to the respective provisions. However, scrutiny of Annual Accounts, 2022-23 (Schedule-3) revealed that provision for liability towards retirement benefits viz. pension, gratuity, leave encashment etc. of the employees of the Institute has not been calculated on actuarial basis and accounted for in the financial year 2022-23.</p>	<p>Reference is invited to Note under Schedule 15A (page 33), Paragraph 12 of schedule 23 (Significant Accounting Policies) (at page 46) and Paragraph 7 of Schedule 24 (Notes to Accounts) (at page 55) of the statement of Accounts for the FY 2022-23. As mentioned therein, retirement benefits of employees include (i) Pension, (ii) cash in lieu of unutilized leave and (iii) gratuity. No actuarial valuation was required for the reasons indicated below:</p> <p>1. Pension: As already disclosed at Paragraph 7 of Schedule 24, all employees of this Institute (excepting one on lien from IIT, Madras) are covered under New Pension Scheme /National Pension System (NPS) as on 31st March 2023. Employee and employer contribution under NPS are being deposited regularly with NSDL. So, no actuarial valuation is necessary. Pension contribution of the other (Director) is being deposited with IIT Madras.</p> <p>2. Leave Encashment: On a reference made by the Institute based on observations of CAG Audit for the creation of a Leave Encashment Fund as per AS 15, MoE clarified that such expenses are permissible to be met out of grants-in-aid released to the Institute and so same is being utilized from Government Grant.</p> <p>3. Retirement/ death Gratuity: The Ministry of Education has intimated (January 2022 and March 2022, December 2022) that the employees of IITs covered under NPS are eligible for the benefit of gratuity under the provisions of the 'Payment of Gratuity Act, 1971'. As one employee of this Institute retired on superannuation on 31.12.2022 and payment of gratuity is due to him, so necessary provision has been made in the accounts for this purpose. This will also be paid out of Govt. grant (OH 36-Salary-Retirement benefits)</p> <p>In view of the above, no provision based on actuarial valuation as per Accounting Standard 15 has been made for leave encashment/gratuity, as the same appears to be not necessary.</p>
<p>B. Income & Expenditure Account</p> <p>B.1 Expenditure</p> <p>B.1.1 Depreciation & Impairment loss (Schedule-4) - ₹ 47.52 Crore</p> <p>Reference Number: OBS-851204</p>	

CAG Audit observation	Replies of IIT Bhubaneswar
<p>The above includes ₹ 2,35,63,112 being the excess depreciation charged against capitalization of one Air Conditioning Plant and 342 nos. of Computers/Desktops due to their misclassification heads. Scrutiny of records revealed that the unit has classified each and every sub-items under different Account Heads by following the Master Chart of the Heads of the Account given at Format of Financial Statement for Central Higher Educational Institute prescribed by Ministry of Education (formerly MHRD). In contravention to above master Chart, the Air Conditioning Plant has been misclassified under Furniture Fixture & Fittings (Rate of depreciation-7.5%) instead of taking under Plant and Machinery (Rate of Depreciation-5.0%) resulting charging of excess depreciation of ₹ 2,57,75,989.00 against the asset.</p> <p>Similarly, the capitalization of 342nos. of computers/desktops have been misclassified against Scientific Equipment (rate of depreciation-8%) instead of computer and Peripherals (rate of depreciation-20%) with charging of less depreciation of ₹ 22,12,877 against the same. The details of overall excess depreciation of ₹2,35,63,112 (₹ 2,57,75,989 - ₹ 22,12,877) charged against above items are given at Annexure-II.</p> <p>In view of above, the unit has overstated the deficit and depreciation to ₹ 2,35,63,112 each and consequently, understated the capital fund and Fixed assets to the same extent.</p>	<p>1 Air Conditioning Plant: Air conditioning Plant of the Institute was earlier misclassified under 'Buildings' and same has been rectified in 2022-23 by charging to the proper group 'Furniture & Fixtures' as per SI 5 of Page 73 of the 'Note and Instructions for the Schedules' prescribed by MoE in its 'Formats of Financial Statements for Central Higher Educational Institutions'. Illustrative list of items under Sl. 3-'Plants and Machinery' at Page 72 of said instructions did not include Air Conditioning Plant where as 'Air Conditioners and Air Conditioning Plants' are mentioned under sub-sl (b) under SI 5 (Furniture & Fixtures).</p> <p>Besides, as per commercial principles, whenever 'Air Conditioners/ AC plants' are used for manufacturing or production purpose, these are to be categorized under 'Plants and Machineries' and in other cases these are to be categories under 'Furniture and Fixtures'. In this Institute, such AC and AC plant has not been used for any manufacturing or production purpose but used in administrative/ school offices and class rooms. ACs were also booked earlier by the Institute under 'Furniture and Fixture'.</p> <p>Besides, life of air conditioners is about 7 to 8 years and the OEMs are not renewing the AMC beyond 7 years of purchase. Life of a central AC plant is also about 10 to 12 years and so in an educational institution fully dependent upon Govt. grant, it may not be proper to classify 'AC Plant' under 'Plant and Machinery' as it may not be fully depreciated within its useful life. Perhaps MoE has classified it under "Furniture and Fixture" due to this reason.</p> <p>However, on the advice of the C &AG Audit, rectification JV was prepared vide JV No.719 dated 17.11.2023 along with reverse of excess depreciation of ₹2,57,75,989/- and the same will be reflected in the Annual Accounts of 2023-24.</p>
	<p>2 Desktop Computers: Such misclassification of Desktop Computers (340 Nos) valued ₹1,84,40,640 under 'Scientific & Laboratory Equipment (CITSC)' instead of under 'Computer and Peripherals' was detected by the Institute during re-examination of the Annual Accounts 2022-23 just after its finalization. Same has already been rectified vide JV No.277 dated 31.7.2023 along with short depreciation of ₹22,12,877 calculated in 2022-23 thereon and these will be reflected in the Annual Accounts of 2023-24.</p>

CAG Audit observation	Replies of IIT Bhubaneswar
<p>C. Grant-in-Aid (GIA)</p> <p>The Indian Institute of Technology (IIT) Bhubaneswar received Grants-in-Aid (GIA) of ₹170.92 crore (OH-31 ₹ 56.97 crore, OH-35 ₹ 27.16 crore, OH-36 ₹ 53.12 crore and Higher Education Financing Agency (HEFA) loan ₹ 33.67 crore from Ministry of Education, Department of Higher Education, Government of India, New Delhi during the financial year 2022-23. The total GIA available for expenditure during the said year was ₹ 160.50 crore which included OB of ₹ (-) 13.02 crore, GIA of ₹ 170.92 crore, Internal Resource Generation of ₹ 6.87 crore (Institute share 25 % for repayment of HEFA loan) and ₹ 4.27 crore (OH-35 ₹ 1.49 crore and OH-36 ₹ 2.78 crore) refunded/lapsed during the year 2022-23. However, as against the available GIA of ₹ 160.50 crore, the Institute utilized Rs.170.33 crore resulting in deficit of ₹ 9.83 crore as at 31st March 2023.</p>	<p>Facts and figures mentioned are correct and factual. No comment.</p>
<p>D. Management Letter: Nil</p>	<p>No comment.</p>
<p>Subject to out observation in the preceding paragraphs, we report that the Balance sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.</p>	
<p>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 Annexure-I to this Audit Report give a true and fair view in conformity with accounting principles generally accepted c:</p> <p>In so far as it relates to the Balance Sheet, of the state of affairs of the Indian Institute of</p> <p>Technology (IIT), Bhubaneswar as at 31 March 2023; and</p> <p>In so far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.</p>	

ATN on observations contained in Annexure A

<p>1. Adequacy of Internal Audit System:</p> <p>The Institute is having an Internal Audit Wing and the Internal audit of the Institute for the year 2022-23 was conducted by the Officer on Special Duty (OSD).</p>	<p>Factual position. Effort is being initiated for strengthening of Internal Audit Wings.</p>
<p>2. Adequacy Internal Control System:</p> <p>The Institute is being followed the procedure in the 'Formats of Financial Statements for Central Higher Educational Institutions' as prescribed by MoE though not having its own Accounting Manual. However, the Internal Control System needs to be strengthened considering the nature, size and volume of transaction. Technical aspects of the work executed, quality standards, sample testing, defect rectification etc. needs to be checked/ reviewed either internally or by an independent agency.</p>	<p>All accounts ledgers are maintained in electronic format in Tally ERP 9. So far as Accounting Manual is concerned, MoE guidelines mentioned in 'Formats of Financial Statements for Central Higher Educational Institution' are followed by the Institute. Hence, preparation of any separate Accounts Manual is not been felt necessary.</p> <p>The Institute is having an Internal Audit wing and the internal audit of the Institute for the year 2022-23 has been conducted by the Officer on Special Duty (OSD).</p>
<p>3. System of Physical Verification of Fixed Assets:</p> <p>The Annual Physical Verification of Fixed Assets of the Institute has been conducted up to the year 2022-23. The present system of physical verification of fixed assets needs to be further strengthened so that obsolete, unused and idle equipment or any missing assets can be identified for taking appropriate action as per the provision of GFR 2017.</p>	<p>Factual position. Noted for future reference.</p>
<p>4. System of Physical Verification of Inventory:</p> <p>The Annual Physical Verification of inventory of the Institute has been conducted up-to the year 2022-23. The present system of physical verification of Inventory needs to be strengthened.</p>	<p>Factual position. Noted for future reference.</p>
<p>5. Regularity in payment of statutory dues:</p> <p>The Institute is regular in depositing the statutory dues with appropriate authorities.</p>	<p>Factual position. No Comment</p>

ANNEXURE – II to SAR

Excess Depreciation charged for misclassification of Asset capitalized during 2022-23

(In ₹)

Sl No	Items	Amount Capitalized during FY 2022-23	Misclassified Head (Rate of depreciation)	Actual Head (Rate of depreciation)	Depreciation charged (in ₹)	Actual Depreciation to be Charged (in ₹)	Less/ excess depreciation on charged		
1	Air Conditioning Plant	₹14886114 retrospectively for last 4 years (2018-19 to 2021-22) as the item was put to use since July 2018	Furniture, Fixture & Fittings (7.5%)	Plant Machine & ry (5%)	44,65,834	29,77,223	14,88,611		
		₹191321809 retrospectively for last 4 years (2018-19 to 2021-22) as the item was put to use under building since July-2018 and ₹1,53,05,744 @2% depreciation already charged for above 4 years has been reversed from Building to Furniture, Fixture & Fitting during current year (2022-23) and added to	Furniture, Fixture & Fittings (5.5% +2% depreciation i.e. ₹1,53,05,744 has been reversed from Building to Furniture, Fixture & Fitting		4,20,90,798 (@5.5%) +1,53,05,744 (@2% reversed and added) =57,39,6542			3,82,64,362	1,91,32,180
		₹206207923 (14886114+ 191321809) for current year (2022-23)	Furniture, Fixture & Fittings (7.5%)		1,54,65,594				
Sub-Total				7,73,27,970	5,15,51,981	2,57,75,989			
2	342 nos. of Desktops	₹1,84,40,640.00	Scientific & Laboratory Equipment (8%)	Computer & Peripherals (20%)	14,75,251	36,88,128	-22,12,877		
Total					7,88,03,221	5,52,40,109	2,35,63,112		

Table - A

The status of EMD received and refunded are indicated below:

Year	OB	EMD received during the year	EMD refunded during the year	EMD left at the year end
2015-16	₹1,23,23,772	₹1,57,66,664	₹1,69,96,224	₹1,19,94,212
2018-19	₹1,04,72,142	₹41,43,079	₹42,35,480	₹1,03,79,741
2019-20	₹1,03,79,741	₹77,31,334.73	₹59,46,340	₹1,21,64,735.73
2020-21	₹1,21,64,735.73	₹84,28,930	₹77,00,689.73	₹1,28,92,976
2021-22	₹1,28,92,976	₹3,49,814.73	₹57,19,200	₹75,23,590.73
2022-23	₹75,23,590.73	₹65,42,024	₹25,65,160	₹1,15,00,454.73


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INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Balance Sheet as at 31st March 2023

(Amount in ₹)

SOURCES OF FUNDS	Schedule	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Capital Fund	1	8,90,48,51,430.93	8,85,68,76,179.70
Designated/Earmarked/Endowment Funds	2	2,12,49,73,560.91	1,78,89,06,045.84
Current Liabilities & Provisions	3	2,14,95,91,958.86	2,22,40,14,535.04
Secured Loan	3 (I)	1,92,16,78,000.00	1,25,56,13,000.00
TOTAL		15,10,10,94,950.70	14,12,54,09,760.58

APPLICATION OF FUNDS	Schedule	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Fixed Assets	4		
Tangible Assets		12,13,47,48,403.71	9,06,35,58,002.20
Intangible Assets		62,82,44,722.10	55,28,86,533.35
Capital Work-In-Progress		1,42,79,19,750.00	3,35,32,80,797.76
		14,19,09,12,875.81	12,96,97,25,333.31
Less:- Depreciation		2,67,53,61,756.93	2,20,01,44,405.06
Net Block Fixed Assets		11,51,55,51,118.88	10,76,95,80,928.26
Investments from Earmarked Funds/Endowment Funds	5		
Long Term		10,92,54,271.91	9,57,25,967.97
Short Term		-	-
Investments-Others	6	1,94,51,89,926.71	1,66,33,00,994.15
Current Assets	7	70,30,94,996.73	77,76,21,666.30
Loans, Advances & Deposits	8	82,80,04,636.47	81,91,80,203.90
TOTAL		15,10,10,94,950.70	14,12,54,09,760.58
Significant Accounting Policies	23		
Contingent Liabilities and Notes to Accounts	24		



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INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Income & Expenditure Account for the Year Ended 31st March 2023

(Amount in ₹)

INCOME	Schedule	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Academic Receipts	9	14,46,54,658.72	10,58,97,270.00
Grants/Subsidies	10	1,07,31,00,000.00	78,42,15,054.34
Income from Investments	11	-	-
Interest Earned	12	11,51,683.00	11,35,290.00
Other Income	13	19,03,13,955.32	1,85,58,352.70
Prior Period Income	14		
TOTAL (A)		1,40,92,20,297.04	90,98,05,967.04
EXPENDITURE			
Staff Payments & Benefits (Establishment Expenses)	15	53,26,68,708.03	43,73,60,783.00
Academic Expenses	16	27,17,18,102.50	24,78,52,811.06
Administrative and General Expenses	17	50,44,04,951.78	23,38,75,030.64
Transportaion Expenses	18	1,10,28,721.00	93,05,336.00
Repairs & Maintenance	19	3,74,93,778.00	2,79,77,712.48
Finance cost	20	20,09,910.21	75,995.25
Depreciation & Impairment loss	4	47,52,17,351.87	33,26,97,884.34
Other Expenses	21	-	-
Prior Period Expenses	22	1,03,88,518.49	50,24,995.14
TOTAL (B)		1,84,49,30,041.88	1,29,41,70,547.91
Balance being excess of Expenditure over Income (A - B)		(43,57,09,744.84)	(38,43,64,580.87)
Balance being deficit carried to capital fund		(43,57,09,744.84)	(38,43,64,580.87)
Significant Accounting Policies	23		
Contingent Liabilities and Notes to Accounts	24		



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INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Receipts and Payments Account for the Year Ended 31st March 2023

Sl No.	RECEIPTS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22	Sl No.	PAYMENTS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
I.	Opening Balance			I.	EXPENSES		
	a) Cash in Hand	-	-	a)	Establishment Expenses	46,50,61,821.03	38,47,59,072.00
	b) Bank Balances			b)	Academic Expenses	23,19,45,805.93	13,09,54,680.65
	i) In Current accounts			c)	Administrative Expenses	5,95,89,181.00	3,66,58,625.00
	ii) In deposit accounts			d)	Transportation Expenses	-	48,602.00
	iii) In Savings accounts	21,62,57,516.41	15,38,64,635.18	e)	Repairs & Maintenance	1,88,071.00	1,47,775.00
				f)	Prior Period Expenses	67,85,500.00	15,10,469.51
				g)	Finance Cost	44,328.21	75,995.25
				h)	Expenses from IRG	66,90,417.00	-
II.	Grants Received				Payment against Earmarked/ Endowment Funds	16,50,837.00	52,49,344.00
	a) From Govt. of India	1,70,92,07,568.00	1,18,50,79,822.00				
	b) From State Government						
	c) From Other Sources (Details)						
	(Grants from Capital and Revenue expenses to be Shown Separately)						
III.	Academic Receipts	35,99,77,182.00	32,37,19,159.10	III.	Payment against Sponsored Projects/ Schemes	19,13,59,228.45	35,19,27,937.33
IV.	Receipts against Earmarked/ Endowment Funds :			IV.	Payment against Sponsored Fellowships/ Scholarships		
	a) Earmarked/Endowment Fund	50,00,000.00					
	c) Own Funds (other Investment)						
V.	Receipts against Sponsored Projects/ Schemes	16,49,52,921.01	32,79,91,913.25	V.	Investments and Deposits made		
				a)	Out of Earmarked/ Endowment funds		
				b)	Out of Own funds (Investments - other)	1,25,86,381.00	
VI.	Receipts against Sponsored Fellowships and Scholarships			VI.	Term Deposits with Scheduled Banks	1,05,91,14,113.07	1,90,24,47,592.28
VII.	Income/ receipt on Investment			VII.	Expenditure on Fixed Assets and Capital Wrok-in-Progress	3,97,932.00	
	a) Earmarked/ Endowment funds	17,60,513.90	33,405.00	a)	Fixed Assets	1,29,15,521.00	46,30,527.38
	b) other Investments	2,49,932.00		b)	Capital Works-in-Progress		1,00,00,000.00
VIII.	Intrest received on			VIII.	Other Payments including statutory payments	88,79,81,629.34	73,98,22,607.42

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Receipts and Payments Account for the Year Ended 31st March 2023 (Contd.)

Sl No.	RECEIPTS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22	Sl No.	PAYMENTS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
	a) Bank deposits	28,73,126.20	1,92,05,855.55		Capital fund	38,19,46,269.00	32,66,29,822.00
	b) Loans and Advances				HEFA Loan		
	c) Savings Bank Accounts	10,36,992.00	12,94,884.00				
IX.	Investments encashed	-	-	IX.	Refunds of Grants	4,26,72,358.00	2,857.00
					Refunds of Grants		
					Refund of Interest on Govt. Grants	2,29,84,798.66	
X.	Term Deposits with Scheduled Banks encashed	81,03,62,982.69	1,87,12,74,190.03	X.	Deposits and Advances		74,71,847.00
XI.	Other Income (including Prior Period Income)			XI.	Other Payments		
	Institute	63,52,282.49	40,96,300.34				
	Hostel Receipts	10,18,27,122.04	6,58,51,343.50		Hostel	36,01,028.00	38,74,809.76
	Receipt against Hostel Current Assets	3,24,70,000.00	-		Hostel Payment against Fixed Assets	21,47,745.00	8,84,754.00
	Gymkhana Receipts	46,28,700.64	31,46,335.00		Hostel Payment against Current Liabilities	12,76,44,772.00	7,06,64,173.00
	CEP Receipts	4,88,47,903.43	4,52,41,210.51		CEP Payments	4,70,96,537.27	4,51,78,505.78
	Guest House Receipts	49,49,473.36	8,51,680.00		Gymkhana payments	86,90,283.00	11,57,187.00
	S K Bet Receipts	1,86,94,447.00	60,52,304.00		Guest House Payments	49,76,735.91	8,35,154.42
					S K Bet Payments	1,86,87,858.00	60,52,251.00
XII.	Deposits and Advances		4,93,59,162.25	IX	Closing Balances		
					a) Cash in Hand		-
					b) Bank Balances		
XIII.	Miscellaneous Receipts including Statutory Receipts	23,63,89,472.51	19,01,79,905.48				
					i) In Current accounts		
					ii) In deposit accounts		
					iii) In Savings accounts	12,90,78,984.81	21,62,57,516.41
					TOTAL	3,72,58,38,135.68	4,24,72,42,105.19



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INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-1: CAPITAL FUND

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Balance at beginning of the year	8,85,68,76,179.70	8,62,35,16,474.80
Add: MOE Grant for Repayment of HEFA Loan	20,62,50,000.00	20,62,50,000.00
Add: MOE Grant for Repayment of HEFA Loan Interest	10,69,46,269.00	7,51,41,121.00
Add: Grants from MOE, Government of India to the extent utilized for capital expenditure	26,30,93,496.50	19,15,83,211.44
Add: HEFA loan repayment (Institute Share) from Fees	6,87,50,000.00	6,87,50,000.00
Add: Encashment of PBG of defaulted contractors engaged by Ms NBCC	13,87,27,532.00	-
Add: Other Additions (Interest earned on advance to NBCC)	19,38,827.00	1,31,988.00
Less: Unutilised Grant Under Head - 31 and 36 (shown in Current Assets)	3,83,21,128.43	7,58,67,965.33
Less: refund of Encashment of PBG of defaulted contractors engaged by Ms NBCC	26,37,00,000.00	-
Total	9,34,05,61,175.77	9,24,12,40,760.57
Deduct :Deficit transferred from the Income & Expenditure Account	(43,57,09,744.84)	(38,43,64,580.87)
BALANCE AS AT THE YEAR END	8,90,48,51,430.93	8,85,68,76,179.70

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-2: DESIGNATED/ EARMARKED FUNDS/ENDOWMENT FUNDS

(Amount in ₹)

PARTICULARS	FUND WISE BREAK UP			TOTAL	
	Corpus Fund	Student Brotherhood Fund (SBF)	Endowment Fund	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
A.					
a) Opening Balance	1,67,80,91,867.86	76,50,147.83	10,31,64,030.15	1,78,89,06,045.84	1,43,84,97,410.26
b) Additions during the year	24,85,23,335.19	10,90,900.00	50,00,000.00	25,46,14,235.19	25,18,09,927.90
c) Income from Investments made on account of funds (Sch - 11)	7,92,28,042.74	2,91,586.00	56,77,125.94	8,51,96,754.68	9,98,11,784.21
d) Other Adjustment	-	-	-	-	(54,71,625.00)
e) Interest on Savings Bank Account (Sch - 11)	2,12,432.00	-	7,047.00	2,19,479.00	9,521.00
f) Other additions- Donations/Grants/Adjustment	1,15,51,918.17	-	-	1,15,51,918.17	1,11,42,751.47
TOTAL (A)	2,01,76,07,595.96	90,32,633.83	11,38,48,203.09	2,14,04,88,432.88	1,79,57,99,769.84
B.					
Utilisation/Expenditure towards objectives of funds					
i) Capital Expenditure					
Fixed Assets	-	-	-	-	-
Others	-	-	-	-	-
ii) Revenue Expenditure*					
Salaries, Wages and allowances etc.	1,12,59,131.00	-	-	1,12,59,131.00	29,72,636.00
Rent	-	-	-	-	-
Other Administrative Expenses	15,68,624.00	-	26,87,116.97	42,55,740.97	39,21,088.00
TOTAL (B)	1,28,27,755.00	-	26,87,116.97	1,55,14,871.97	68,93,724.00
CLOSING BALANCE AS AT THE YEAR END (A-B)	2,00,47,79,840.96	90,32,633.83	11,11,61,086.12	2,12,49,73,560.91	1,78,89,06,045.84
Represented by					

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-2: DESIGNATED/ EARMARKED FUNDS/ENDOWMENT FUNDS (Contd.)

(Amount in ₹)

PARTICULARS	FUND WISE BREAK UP			TOTAL	
	Corpus Fund	Student Brotherhood Fund (SBF)	Endowment Fund	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Cash and Bank Balances	886.00	-	1,37,169.36	1,38,055.36	4,19,736.79
Investments in TDR	2,00,74,76,599.54	80,79,949.30	10,92,54,271.91	2,12,48,10,820.75	1,75,90,26,962.12
TDR Mixed with other Term Deposit	24,684.80	-	-	24,684.80	-
TOTAL	2,00,75,02,170.34	80,79,949.30	10,93,91,441.27	2,12,49,73,560.91	1,75,94,46,698.91

Notes -

- Institute created Corpus fund as per BOG Agenda No- BOG-15-28. In the financial Year 2021-22 amount received way of student fee, miss income, Liquidate damage, interest on security and interest on student fees were transferred to Corpus fund. R & D Corpups is a part of this Corpus fund.
- As per Student Brotherhood Fund Policy (SBFP) contribution collected from students are added to the Fund along with Interest income.
- MGM Endowment Fund :Provision (80% of Income as per MOU) is made for payment of Salaries, Wages, allowances Creation of Assets and other expenses and remaining 20% has been added to the fund account.
- Best out going student (Fund T. V. Mohandas Pai) Fund: Provision (75% of Income as per MOU) is made for distribution of award and recurring expenses and remaining 25% has been added to Fund account.
- B K Dey memorial award of most innovative project (Fund Piyali De) :Provision (80% of Income as per MOU) is made for for distribution of award and recurring expenses and remaining 20% has been added to Fund account.
- Investment of Corpus Fund in TDRs (₹2,00,74,76,599.54 and ₹24,684.80) shown above included (i) TDRs for ₹193,71,09,977.41 shown in Schedule 6 and (ii) TDRs for ₹7,03,91,306.93 earmarked but included under TDRs shown in Schedule 7 (₹57,40,16,011.90) which will be transferred to respective Fund Account (Corpus Fund, SBF and Endowment Funds) on maturity during 2023-24 to match the respective Fund Balance in Schedule 2.

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-2 A: ENDOWMENT FUNDS

(Amount in ₹)

Sn.	Name of the Endowment	Opening Balance 2022-23		Additions during 2022-23		Interest		Total		Expenditure on the object during the FY 2022-23		Closing Balance 2022-23		Total (10+11) 2022-23
		Endowment	Accumulated Interest	Endowment	Interest	Endowment (3+5)	Accumulated Interest (4 + 6)	7	8	9	10	11	12	
1	MGM Endowment Fund	3,00,00,000.00	1,69,52,461.93	-	24,82,273.00	3,00,00,000.00	1,94,34,734.93	3,00,00,000.00	1,94,34,734.93	19,02,638.00	3,00,00,000.00	1,75,32,096.93	4,75,32,096.93	
2	Best B. Tech thesis in Electrical & Mechanical Science (Tejwasi & Dinesh award)	4,00,000.00	1,17,697.44	-	31,123.60	4,00,000.00	1,48,821.04	4,00,000.00	1,48,821.04	20,000.00	4,00,000.00	1,28,821.04	5,28,821.04	
3	Best outgoing student (Fund T. V. Mohandas Pai)	10,00,000.00	2,50,962.00	-	77,287.44	10,00,000.00	3,28,249.44	10,00,000.00	3,28,249.44	60,000.00	10,00,000.00	2,68,249.44	12,68,249.44	
4	B K Dey memorial award of most innovative project (Fund Piyali De)	16,00,000.00	4,09,611.04	-	1,19,713.90	16,00,000.00	5,29,324.94	16,00,000.00	5,29,324.94	55,000.00	16,00,000.00	4,74,324.94	20,74,324.94	
5	S K BET Endowment fund	3,00,00,000.00	2,22,68,372.05	-	28,74,733.00	3,00,00,000.00	2,51,43,105.05	3,00,00,000.00	2,51,43,105.05	6,49,478.97	3,00,00,000.00	2,44,93,626.08	5,44,93,626.08	
6	Abhijit Gangopadhyay	1,28,140.00	36,785.69	-	9,039.00	1,28,140.00	45,824.69	1,28,140.00	45,824.69	-	1,28,140.00	45,824.69	1,73,964.69	
7	Prof R H Tupakry Award	-	-	50,00,000.00	90,003.00	50,00,000.00	90,003.00	50,00,000.00	90,003.00	-	50,00,000.00	90,003.00	50,90,003.00	
	TOTAL	6,31,28,140.00	4,00,35,890.15	50,00,000.00	56,84,172.94	6,81,28,140.00	4,57,20,063.09	6,81,28,140.00	4,57,20,063.09	26,87,116.97	6,81,28,140.00	4,30,32,946.12	11,11,61,086.12	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 3- CURRENT LIABILITIES AND PROVISIONS

(Amount in ₹)

A.	CURRENT LIABILITIES	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
A	Deposits from staff	-	-
B	Deposits from students		
1	Hostel Fees(Caution money)	1,29,03,425.00	1,13,76,292.00
2	Hostel Fees(Caution money) Exstudent	18,39,000.00	7,68,133.00
3	Institute(Caution money)	74,12,885.00	69,59,500.00
4	Institute(Caution money) Ex- Student	15,32,500.00	4,65,885.00
5	Library Fee(Caution money)	74,41,250.00	69,99,250.00
6	Library Fee(Caution money) Ex- Student	15,32,500.00	4,57,500.00
7	Ph D (Caution Money Ex-Student)	46,000.00	46,000.00
8	Mess (Caution Money)	80,49,146.00	82,91,146.00
9	Mess (Caution Money) Ex- student	24,52,000.00	5,49,000.00
10	Other (Caution Money)	69,947.00	69,947.00
11	M Sc (Caution Money)	-	-
C	Sundry Creditors		
1	For Goods & Services	3,51,95,809.59	2,88,40,103.94
2	Others	12,60,12,496.00	9,72,31,238.70
D	Deposits-Others(including EMD,Security Deposits)		
1	EMD	1,15,00,454.73	75,23,590.73
2	Performance Security (in lieu of PBG)	76,39,575.56	59,22,594.56
3	Security Deposit Received	14,16,55,630.00	14,13,75,373.00
4	Advances Received	-	-
5	JEE (Advance) organisation expenses	35,32,308.49	6,58,307.49
E	Statutory Liabilities:		
1	Duties & Tax	25,91,000.89	13,15,005.10
2	Others (Anneure- I)	31,99,482.00	30,63,667.00
F	Other current Liabilities		
1	Salaries	4,73,56,463.00	4,34,26,919.00
2	Receipts against sponsored projects (R&D)	24,40,04,959.3	28,00,58,761.52
3	Receipts against sponsored fellowship & scholarship	10,28,361.00	10,26,361.00
4	Receipts against sponsored fellowship & scholarship (R&D)	32,35,652.00	57,98,764.00
5	Withheld GST from Parties	8,96,573.00	10,01,839.00
6	HEFA Loan Intrest payable	3,52,46,304.00	2,35,11,299.00
7	Guest House	5,59,153.00	7,07,301.00
8	Other Liabilities	1,80,93,356.45	7,91,06,703.35
9	Payment returned by Bank	5,19,573.00	5,19,573.00
10	PDA - CSIR	30,000.00	30,000.00
11	DST Grant	76,654.00	76,654.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 3- CURRENT LIABILITIES AND PROVISIONS (Contd.)

(Amount in ₹)

A.	CURRENT LIABILITIES	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
12	SRIC/ R&D Liabilities	65,87,22,434.69	58,23,76,145.76
13	Hostel Current Liabilites	2,89,62,472.83	2,55,11,015.31
14	Wissenaire	12,250.00	12,250.00
15	Student Insurance Claim	11,730.00	11,730.00
16	CEP Liabilites	1,64,29,999.39	2,98,30,341.94
17	Construction of OBC Hostel	2,11,66,483.35	2,01,22,827.35
18	Startup Center IIT Bhubaneswar	8,45,777.01	21,46,087.01
19	JEE Fee receivable	48,98,580.00	31,30,600.00
20	NBCC (India) Ltd	52,24,24,403.00	61,73,78,935.00
21	NSS Fund	3,28,905.59	3,74,280.59
22	CSR Fund	30,25,000.00	
24	Performance Security	32,20,185.00	32,36,310.00
25	IIT Hostel	9,07,16,253.00	9,73,60,216.00
26	IIT Gymkhana	88,43,573.00	55,14,618.00
	Payable to IIT inter IIT sport	1,04,321.00	
27	Interest Generated from Unspent Grant refundable to MOE	3,58,333.33	2,33,43,131.99
28	Unutilised Grant from GOI (Capital)	-	37,09,308.45
	TOTAL (A)	2,08,57,23,160.24	2,17,12,34,505.79

(Amount in ₹)

B.	PROVISIONS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1	For Taxation	-	-
2	For Gratuity	-	-
3	Superannuation/Pension	-	-
4	Accumulated Leave Encashment	-	-
5	Trade Warranties/Claims	-	-
6	Others (Specify)		
a)	Expenses Payable (Misc.)	6,33,83,866.62	4,67,73,946.22
b)	S K BET Center	-	42,05,675.03
c)	S K Bet Current Liabilities	4,84,932.00	18,00,408.00
d)	Gymkhana Liabilities	-	-
	TOTAL (B)	6,38,68,798.62	5,27,80,029.25
	TOTAL (A+B)	2,14,95,91,958.86	2,22,40,14,535.04

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Annexure-I: Statutory Liabilities (Others)

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Labour Cess	31,044.00	-
Professional Tax Payable	3,450.00	15,475.00
New Pension Scheme	2,95,987.00	1,89,205.00
GSLI Payable	-	2,000.00
TDS Payable		
TDS Payable(Contractor)	6,82,884.00	5,29,139.00
TDS Payable(Professional)	3,57,798.00	2,10,473.00
TDS Payable(Rent)	2,350.00	
TDS on Salary	18,25,969.00	21,17,375.00
Entry Tax Payable	-	-
TOTAL	31,99,482.00	30,63,667.00

SCHEDULE 3(I): Secured Loan {Higher Education Financing Agency (HEFA) }

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Opening Balance	1,25,56,13,000.00	39,05,10,000.00
Add: Addition of Loan	94,10,65,000.00	1,14,01,03,000.00
Total Loan Amount	2,19,66,78,000.00	1,53,06,13,000.00
Less: Repayment of Loan from MOE Grant	20,62,50,000.00	20,62,50,000.00
Less: Repayment of Loan from Fees	6,87,50,000.00	6,87,50,000.00
TOTAL	1,92,16,78,000.00	1,25,56,13,000.00

SCHEDULE - 3 (A) SPONSERED PROJECTS AS ON 31.03.2023

(Amount in ₹)

Sr. No.	Name of the Project	Opening Balance		Tyrantransaction during the Year		Closing Balance	
		Credit	Debit	Credit	Debit	Credit	Debit
1	2	3	4	5	6	7	8
Details in Annexure 3A1, 3A2 and 3A3							
Total		-	-	-	-	-	-

SCHEDULE - 3 (B) SPONSERED FELLOWSHIP AND SCHOLARSHIP AS ON 31.03.2023

(Amount in ₹)

Sr. No.	Name of the Sponsor	Opening Balance		Transaction during the Year		Closing Balance	
		Credit	Debit	Credit	Debit	Credit	Debit
1	2	3	4	5	6	7	8
1	UGC	13,94,048.00	-	-	-	13,94,048.00	-
2	CSIR	9,14,106.00	-	-	-	9,14,106.00	-
3	DST	33,96,419.00	-	-	-	33,96,419.00	-
4	NBHM/SERB NPDF	35,871.00	-	-	-	35,871.00	-
5	ICMR	58,320.00	-	-	-	58,320.00	-
	Total	57,98,764.00	-	-	-	57,98,764.00	-

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 3 (C) Unutilised Grants from Government of India

(Amount in ₹)

A. Non Recurring Grants (Government of India)		CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Balance B/F		37,09,308.45	7,52,95,229.89
Add:	Receipts during the year for creation of capital assets	27,16,00,000.00	12,00,00,000.00
Add:	Grant for repayment of HEFA Loan	20,62,50,000.00	20,62,50,000.00
Add:	Grant against HEFA Interest	13,04,57,568.00	5,16,29,822.00
	Total available during the year Total (A)	61,20,16,876.45	45,31,75,051.89
Less:	Refunds	1,48,72,358.00	2,710.00
Less:	Utilized for Capital Expenditure	26,30,93,496.50	19,15,83,211.44
Less:	Utilized for repayment of HEFA Loan	20,62,50,000.00	20,62,50,000.00
Less:	Utilized for HEFA Loan Interest	13,04,57,568.00	5,16,29,822.00
	Total (B)	61,46,73,422.50	44,94,65,743.44
	Unutilised Grant in Aid (carried forward and transfer to Current Liability) (A-B)	(26,56,546.05)	37,09,308.45

B. Recurring Grant (Government of India)		CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Balance B/F		(13,39,29,920.43)	(5,80,61,955.10)
Add:	Receipts during the year	1,10,09,00,000.00	80,72,00,000.00
Add:	Internal Income Generated during FY 2020-21 now reversed for to be returned to MoE	-	(2,29,84,798.66)
	Total available during the year	96,69,70,079.57	72,61,53,246.24
Less:	Refunds	2,78,00,000.00	147.00
Less:	Utilized for Revenue Expenditure	1,03,47,78,871.57	86,00,83,019.67
	Total (D)	1,06,25,78,871.57	86,00,83,166.67
	Unutilised Grant in Aid Carried forward (C-D)	(9,56,08,792.00)	(13,39,29,920.43)

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-4 (Fixed Assets - Consolidated Data)

(Amount in ₹)

DESCRIPTION	Gross Block (Closing Balance as on 31.03.2023)	Depreciation for FY 2022-23	Total Depreciation upto 31-03-2023	Net Block (Closing Balance as on 31.03.23)
(A) Tangible Assets				
Schedule 4 (Institute Main)	11,68,28,93,913.98	40,45,29,917.28	2,10,43,11,428.36	9,57,85,82,485.62
Schedule 4A (i)(Hostel)	1,55,22,812.00	11,04,759.55	32,53,113.05	1,22,69,698.95
Schedule 4A (ii) (R&D/SRIC)	43,41,68,879.73			43,41,68,879.73
Schedule 4A (iii) (Student Gymkhana)	20,58,954.00	1,94,107.00	5,63,695.00	14,95,259.00
Schedule 4A (iv) (Guest House)	1,03,844.00	7,406.00	19,287.30	84,556.70
Depreciation/Asset Rounding Off (E)			(3.10)	3.10
Total (A)	12,13,47,48,403.71	40,58,36,189.83	2,10,81,47,520.61	10,02,66,00,883.10
(B) Intangible Assets				
Schedule 4 (Institute Main)	62,82,44,722.10	6,93,81,162.04	56,72,14,236.32	6,10,30,485.78
Schedule 4A (i)(Hostel)	-	-	-	-
Schedule 4A (ii) (R&D/SRIC)	-	-	-	-
Schedule 4A (iii) (Student Gymkhana)	-	-	-	-
Schedule 4A (iv) (Guest House)	-	-	-	-
Total (B)	62,82,44,722.10	6,93,81,162.04	56,72,14,236.32	6,10,30,485.78
(C) Capital Work-In-Progress & Asset In Transit				
Schedule 4 (Institute Main)	1,42,79,19,750.00	-	-	1,42,79,19,750.00
Schedule 4A (i)(Hostel)	-	-	-	-
Schedule 4A (ii) (R&D/SRIC)	-	-	-	-
Schedule 4A (iii) (Student Gymkhana)	-	-	-	-
Schedule 4A (iv) (Guest House)	-	-	-	-
Total (C)	1,42,79,19,750.00	-	-	1,42,79,19,750.00
Grand Total (A+B+C)	14,19,09,12,875.81	47,52,17,351.87	2,67,53,61,756.93	11,51,55,51,118.88

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-4: FIXED ASSETS (Institute Main), Property, Plant & Equipment

(Amount in ₹)

DESCRIPTION	GROSS BLOCK				DEPRECIATION						NET BLOCK			
	"Opening Balance as on 01-04-2022"	"Additions during the year 2022-23"	"Deductions during the year 2022-23"	"Closing Balance as on 31-03-2023"	Rate (%)	"Depreciation Opening Balance (As on 01-04-2022)"	Adjustment of prov. of Dep't on Sale/ Change of classification of Fixed Assets	"Depreciation on Opening Value of Fixed Assets as on 01-04-2022"	Depreciation on Additions during the year 2022-23	Depreciation on Deductions during the year 2022-23	Total Depreciation & Impairment As on 31-03-2023"	Impairment of Fixed Assets	"As on 31-03-2023"	As at the Previous year 2021-22
A. FIXED ASSETS														
1 Land	90,03,710.00	29,46,308.00	-	1,19,50,018.00	0%	-	-	-	-	-	-	-	1,19,50,018.00	90,03,710.00
2 Site Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Buildings														
I Academic Building	23,35,76,254.00	22,97,36,419.00	-	46,33,12,673.00	2%	4,98,32,554.16	-	46,71,525.00	45,94,728.00	-	5,90,98,807.16	-	40,42,13,865.84	18,37,43,699.84
II Administrative Building	1,34,84,69,760.00	2,23,41,578.00	19,13,21,809.00	1,17,94,89,529.00	2%	11,17,24,657.20	(1,53,05,744.00)	2,69,69,395.00	18,14,881.28	-	12,52,03,189.48	-	1,05,42,86,339.52	1,23,67,45,102.80
III Commercial Complex and Other Buildings	32,70,11,004.00	10,31,40,435.00	-	43,01,51,439.00	2%	2,49,78,210.86	-	65,40,220.00	20,62,809.00	-	3,35,81,239.86	-	39,65,70,199.14	30,20,32,798.14
IV External Development Works	10,57,42,749.00	1,67,66,704.00	-	12,25,09,453.00	2%	1,77,58,786.19	-	21,14,855.00	3,35,334.00	-	2,02,08,975.19	-	10,23,00,477.81	8,79,83,962.81
V Hostel Building	2,05,59,86,580.00	1,04,01,67,612.00	-	3,09,61,54,192.00	2%	17,06,95,721.24	-	4,11,19,732.00	2,08,03,352.00	-	23,26,18,805.24	-	2,86,35,35,386.76	1,88,52,90,858.76
VI School Buildings	1,14,84,75,670.00	72,49,30,362.00	-	1,87,34,06,032.00	2%	13,77,98,379.40	-	2,29,69,513.00	1,44,96,607.00	-	17,52,66,499.40	-	1,69,81,39,532.60	1,01,06,77,290.60
VII Staff & Faculty Quarter Buildings	1,67,02,64,770.00	71,41,80,507.00	-	2,38,44,45,277.00	2%	9,58,17,867.22	-	3,34,02,295.00	1,42,83,610.00	-	14,35,06,772.22	-	2,24,09,38,504.78	1,57,44,46,902.78
4 Roads & Bridges	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Tubewells & Water Supply	23,98,879.00	-	-	23,98,879.00	2%	2,39,890.00	-	47,978.00	-	-	2,87,868.00	-	21,11,011.00	21,58,989.00
6 Sewerage & Drainage	1,74,61,138.00	-	-	1,74,61,138.00	2%	3,99,166.52	-	3,49,223.00	-	-	7,48,389.52	-	1,67,12,748.48	1,70,61,971.48
7 Electrical Installation and Equipment	11,03,25,212.00	10,68,771.00	-	11,13,93,983.00	5%	4,75,42,147.95	-	42,73,423.00	53,440.00	-	7,02,25,730.95	1,83,56,720.00	4,11,68,252.05	6,27,83,064.05
8 Plant & Machinery	12,77,621.00	12,91,950.00	-	25,69,571.00	5%	63,881.00	-	63,881.00	64,598.00	-	1,92,360.00	-	23,77,211.00	12,13,740.00
9 Scientific & Laboratory Equipment	1,25,29,97,225.70	6,05,07,175.51	-	1,31,35,04,401.21	8%	75,23,05,886.48	-	9,27,09,374.00	47,97,143.00	-	84,98,12,403.48	-	46,36,91,997.73	50,06,91,339.22
10 Office Equipm't	1,81,86,623.45	5,18,248.00	-	1,87,04,871.45	8%	1,31,24,819.44	-	13,64,001.00	38,869.00	-	1,45,27,689.44	-	41,77,182.01	50,61,804.01
11 Audio Visual Equipment	-	-	-	-	8%	-	-	-	-	-	-	-	-	-
12 Computer & Peripherals	1,75,99,66,486	55,39,512.00	-	1,80,63,91,76.86	20%	16,08,86,839.42	-	59,38,708.00	11,07,901.00	-	16,79,33,448.42	-	1,29,05,728.44	1,44,12,825.44
13 Furniture/Fixtures & Fittings	14,12,41,710.51	22,24,97,219.00	-	36,37,38,929.51	8%	7,57,86,338.32	1,53,05,744.00	1,05,93,129.00	6,32,43,933.00	-	16,49,29,144.32	-	19,88,09,785.19	6,54,55,372.19
14 Security Cabin	4,92,000.00	-	-	4,92,000.00	8%	2,53,050.00	-	36,900.00	-	-	2,89,950.00	-	2,02,050.00	2,38,950.00
15 Vehicles	27,45,228.00	-	-	27,45,228.00	10%	16,76,626.80	-	2,74,523.00	-	-	19,51,149.80	-	7,94,078.20	10,68,601.20
16 Library Books & Scientific Journals	4,57,18,784.95	18,52,031.00	-	4,75,70,815.95	10%	3,66,18,921.43	-	45,71,878.00	1,85,203.00	-	4,13,76,002.43	-	61,94,813.52	90,99,863.52
17 Other Fixed Assets (Small Value)	54,90,316.00	14,400.00	-	55,04,716.00	5%	22,77,767.45	-	2,74,516.00	720.00	-	25,53,003.45	-	29,51,712.55	32,12,548.55
TOTAL (A)	8,67,21,64,900.47	3,14,74,99,231.51	19,13,21,809.00	11,62,83,42,322.98		1,69,97,81,511.08	-	25,82,89,069.00	12,78,85,128.28	-	2,10,43,11,428.36	1,83,56,720.00	9,52,40,30,894.62	6,97,23,83,389.39

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-4: FIXED ASSETS (Institute Main), Property, Plant & Equipment

DESCRIPTION	GROSS BLOCK				DEPRECIATION						NET BLOCK				
	"Opening Balance as on 01-04-2022"	"Additions during the year 2022-23"	"Deductions during the year 2022-23"	"Closing Balance as on 31-03-2023"	Rate (%)	"Depreciation Opening Balance (As on 01-04-2022)"	Adjustment of prov. of Dept on Sale/ Change of classification of Fixed Assets	"Depreciation on Opening Value of Fixed Assets as on 01-04-2022"	Depreciation on Additions during the Year 2022-23	Depreciation on Deductions during the Year 2022-23	Total Dep't for the Year 2022-23	Impairment of Fixed Assets	"Total Depreciation & Impairment As on 31-03-2023"	"As on 31-03-2023"	As at the Previous year 2021-22
18 Capital Work In Progress	3,33,68,88,026.00	1,35,15,12,256.00	3,26,04,80,532.00	1,42,79,19,750.00	0.0%	-	-	-	-	-	-	-	-	1,42,79,19,750.00	3,33,68,88,026.00
Asset-In-Transit	1,63,92,771.76	4,49,76,822.00	68,18,002.76	5,45,51,591.00	0.0%	-	-	-	-	-	-	-	-	5,45,51,591.00	1,63,92,771.76
TOTAL (B)	3,35,32,80,797.76	1,39,64,89,078.00	3,26,72,98,534.76	1,48,24,71,341.00										1,48,24,71,341.00	3,35,32,80,797.76
19 Computer Networking	6,15,93,021.78	67,71,090.00	-	6,83,64,111.78	20%	5,41,67,762.38	-	47,73,438.00	13,54,218.00	-	61,27,656.00	-	6,02,95,418.38	80,68,693.40	74,25,259.40
20 Computer Software	10,49,44,049.53	1,30,37,901.00	-	11,79,81,950.53	40%	10,18,40,686.49	-	26,18,996.04	52,15,160.00	-	78,34,156.04	-	10,96,74,842.53	83,07,108.00	31,03,363.04
21 Web Designing	11,34,888.00	-	-	11,34,888.00	40%	11,34,888.00	-	-	-	-	-	-	11,34,888.00	-	-
22 E-Journals	38,49,00,014.04	5,55,49,197.75	-	44,04,49,211.79	40%	34,04,42,251.31	-	3,31,65,069.00	2,22,19,679.00	-	5,53,84,748.00	-	39,58,26,999.31	4,46,22,212.48	4,44,57,762.73
23 Patent & Copyrights	3,14,560.00	-	-	3,14,560.00	11%	2,47,486.10	-	34,602.00	-	-	34,602.00	-	2,82,088.10	32,471.90	67,073.90
TOTAL (C)	55,28,86,533.35	7,53,58,188.75	-	62,82,44,722.10		49,78,33,074.28	-	4,05,92,105.04	2,87,89,057.00	-	6,93,81,162.04	-	56,72,14,236.32	6,10,30,485.78	5,50,63,459.07
GRAND TOTAL (A + B + C)	12,57,83,32,231.58	4,61,93,46,498.26	3,45,86,20,343.76	13,73,90,58,386.08		2,19,76,14,582.26	-	29,88,80,174.04	15,66,74,185.28	-	45,55,54,359.32	1,83,56,720.00	2,67,15,25,661.58	11,06,75,32,724.50	10,38,07,17,646.22

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-4A(i): FIXED ASSETS Hostel

(Amount in ₹)

DESCRIPTION	GROSS BLOCK			"Rate (%)"	DEPRECIATION					NET BLOCK		
	Opening Balance as on 01-04-2022	Additions during the year 2022-23	Deductions during the year 2022-23		Closing Balance as on 31.03.23	"Depreciation Opening Balance (As on 01-04-2022)"	Depreciation on Opening Value of Fixed Assets as on 01-04-2022	Depreciation on Additions during the Year 2022-23	Depreciation on Deductions during the Year 2022-23	Total Depreciation As on 31-03-2023	As on 31-03-2023	As at the Previous year 2021-22
A. FIXED ASSETS Hostel												
1 Furniture & Fixtures	36,43,027.00	40,53,827.00	-	76,96,854.00	8,89,438.50	27,9,227.03	3,04,037.03	-	14,66,702.55	62,30,151.45	27,53,588.51	
2 Office Equipment	3,19,347.00	1,34,715.00	-	4,54,062.00	1,65,733.07	23,951.03	10,103.63	-	1,99,787.72	2,54,274.28	1,53,613.93	
3 Electrical Installations	20,66,606.00	22,17,193.00	-	42,83,799.00	5,57,798.50	1,03,330.30	1,10,859.65	-	7,71,988.45	35,11,810.55	15,08,807.50	
4 Other Fixed Assets	15,60,528.00	11,46,420.00	-	27,06,948.00	3,33,643.43	1,17,039.60	85,981.50	-	5,36,664.53	21,70,283.47	12,26,884.57	
5 Computer & Peripherals	2,43,400.00	1,37,749.00	-	3,81,149.00	2,01,740.00	48,680.00	27,549.80	-	2,77,969.80	1,03,179.20	41,660.00	
Total	78,32,908.00	76,89,904.00	-	1,55,22,812.00	21,48,353.50	5,66,227.95	5,38,531.60	-	32,53,113.05	1,22,69,698.95	56,84,554.51	

SCHEDULE-4A(ii): FIXED ASSETS R&D/ SRIC

DESCRIPTION	GROSS BLOCK			"Rate (%)"	DEPRECIATION					NET BLOCK		
	Opening Balance as on 01-04-2022	Additions during the year 2022-23	Deductions during the year 2022-23		Closing Balance as on 31.03.23	"Depreciation Opening Balance (As on 01-04-2022)"	Depreciation on Opening Value of Fixed Assets as on 01-04-2022	Depreciation on Additions during the Year 2022-23	Depreciation on Deductions during the Year 2022-23	Total Depreciation As on 31-03-2023	As on 31-03-2023	As at the Previous year 2021-22
A. FIXED ASSETS SRIC/R&D												
1 Plant Machinery & Equipments	33,25,46,172.27	4,05,26,119.00	-	37,30,72,291.27	-	-	-	-	-	37,30,72,291.27	33,25,46,172.27	
2 Furniture & Fixtures	31,80,963.00	1,88,366.00	-	33,69,329.00	-	-	-	-	-	33,69,329.00	31,80,963.00	
3 Office Equipments	3,58,044.00	12,500.00	-	3,70,544.00	-	-	-	-	-	3,70,544.00	3,58,044.00	
4 Computer Peripheral/ Softwares	4,56,96,656.46	1,16,60,059.00	-	5,73,56,715.46	-	-	-	-	-	5,73,56,715.46	4,56,96,656.46	
5 Asset in Transit	-	-	-	-	-	-	-	-	-	-	-	
Total	38,17,81,835.73	5,23,87,044.00	-	43,41,68,879.73	-	-	-	-	-	43,41,68,879.73	38,17,81,835.73	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-4A(iii): FIXED ASSETS Student Gymkhana

(Amount in ₹)

DESCRIPTION	GROSS BLOCK			"Rate (%)"	DEPRECIATION				NET BLOCK		
	Opening Balance as on 01-04-2022	Additions during the year 2022-23	Deductions during the year 2022-23		Closing Balance as on 31.03.23	"Depreciation Opening Balance (As on 01-04-2022)"	Depreciation on Opening Value of Fixed Assets as on 01-04-2022	Depreciation on Additions during the Year 2022-23	Depreciation on Deductions during the Year 2022-23	Total Depreciation As on 31-03-2023	As at the Previous Year 2021-22
A. FIXED ASSETS - Student Gymkhana											
1 Audio Visual Equipment	49,044.00	73,073.00	-	1,22,117.00	18,390.00	3,678.00	5,480.00	-	27,548.00	94,569.00	30,654.00
2 Computer Peripheral	2,83,214.00	65,870.00	-	3,49,084.00	1,32,206.00	56,642.00	13,174.00	-	2,02,022.00	1,47,062.00	1,51,008.00
3 Furniture & Fixture	2,00,007.00	-	-	2,00,007.00	50,159.00	15,001.00	-	-	65,160.00	1,34,847.00	1,49,848.00
4 Gym & Sports Equipment	7,64,708.00	86,970.00	-	8,51,678.00	1,17,565.00	57,353.00	6,523.00	-	1,81,441.00	6,70,237.00	6,47,143.00
5 Musical Instruments	2,71,241.00	1,06,837.00	-	3,78,078.00	44,228.00	20,343.00	8,013.00	-	72,584.00	3,05,494.00	2,27,013.00
6 ELECTRICAL EQUIPMENT	1,40,800.00	17,190.00	-	1,57,990.00	7,040.00	7,040.00	860.00	-	14,940.00	1,43,050.00	1,33,760.00
Total	17,09,014.00	3,49,940.00	-	20,58,954.00	3,69,588.00	1,60,057.00	34,050.00	-	5,63,695.00	14,95,259.00	13,39,426.00

SCHEDULE-4A(iv): FIXED ASSETS Guest House

DESCRIPTION	GROSS BLOCK			"Rate (%)"	DEPRECIATION				NET BLOCK		
	Opening Balance as on 01-04-2022	Additions during the year 2022-23	Deductions during the year 2022-23		Closing Balance as on 31.03.23	"Depreciation Opening Balance (As on 01-04-2022)"	Depreciation on Opening Value of Fixed Assets as on 01-04-2022	Depreciation on Additions during the Year 2022-23	Depreciation on Deductions during the Year 2022-23	Total Depreciation As on 31-03-2023	As at the Previous Year 2021-22
A. FIXED ASSETS Guest House											
1 Furniture & Fixture	20,060.00	34,500.00	-	54,560.00	6,019.50	1,504.00	2,588.00	-	10,111.50	44,448.50	14,040.50
2 Audio Visual Eqp	33,984.00	-	-	33,984.00	5,096.80	2,549.00	-	-	7,645.80	26,338.20	28,887.20
3 ELECTRICAL EQUIPMENT	15,300.00	-	-	15,300.00	765.00	765.00	-	-	1,530.00	13,770.00	-
Total	69,344.00	34,500.00	-	1,03,844.00	11,881.30	4,818.00	2,588.00	-	19,287.30	84,556.70	42,927.70

SCHEDULE-4A(v): FIXED ASSETS MGM Endowment

DESCRIPTION	GROSS BLOCK			"Rate (%)"	DEPRECIATION				NET BLOCK		
	Opening Balance as on 01-04-2022	Additions during the year 2022-23	Deductions during the year 2022-23		Closing Balance as on 31.03.23	"Depreciation Opening Balance (As on 01-04-2022)"	Depreciation on Opening Value of Fixed Assets as on 01-04-2022	Depreciation on Additions during the Year 2022-23	Depreciation on Deductions during the Year 2022-23	Total Depreciation As on 31-03-2023	As at the Previous Year 2021-22
A. FIXED ASSETS MGM Endowment											
1 Office Equipment	33,300.00	-	-	33,300.00	-	-	-	-	-	33,300.00	33,300.00
2 Electrical Installations	1,02,049.00	-	-	1,02,049.00	-	-	-	-	-	1,02,049.00	1,02,049.00
3 Computer Peripheral	68,920.00	-	-	68,920.00	-	-	-	-	-	68,920.00	68,920.00
4 Electrical Installations	1,26,300.00	-	-	1,26,300.00	-	-	-	-	-	1,26,300.00	1,26,300.00
Total	3,30,569.00	-	-	3,30,569.00	-	-	-	-	-	3,30,569.00	3,30,569.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-5: INVESTMENT FROM EARMARKED/ENDOWMENT FUNDS

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1. In Central Government Securities		-
2. In State Government Securities		-
3. Other Approved Securities		-
4. Shares		-
5. Debentures and Bonds		-
6. Others-Term Deposit with Bank	10,92,54,271.91	9,57,25,967.97
Total	10,92,54,271.92	9,57,25,967.97

SCHEDULE-5 A: INVESTMENT FROM EARMARKED/ENDOWMENT FUNDS

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1 MGM Endowment Fund	4,72,68,704.93	4,69,52,337.93
2 "Best B. Tech thesis in Electrical & Mechanical Scicence (MGM Fund Tejwasi & Dinesh award)"	5,86,760.60	5,95,637.00
3 Best out going student (Fund T. V. Mohandas Pai)	15,08,249.44	14,90,962.00
4 B K Dey memorial award of most innovative project (Fund Piyali De)	23,78,775.94	23,19,062.04
5 S K BET Endowment fund	5,22,55,623.00	4,42,02,357.00
6 Abhijit Gangopadhaya Endowment fund	1,74,651.00	1,65,612.00
6 Prof R H Tupakry Award Endowment fund	50,81,507.00	-
Total	10,92,54,271.91	9,57,25,967.97

SCHEDULE-6: INVESTMENTS- OTHERS

(Amount in ₹)

Particlars	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other Approved Securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
6. Others		
Corpus Fund	1,93,71,09,977.41	1,65,63,59,164.15
Student Brotherhood Fund (SBF)	80,79,949.30	69,41,830.00
Total	1,94,51,89,926.71	1,66,33,00,994.15

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-7 : CURRENT ASSETS

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1. Stock		
a) Stores & Spares	-	-
b) Loose Tools	-	-
c) Publications	-	-
d) Laboratory Chemicals, consumables and glassware	-	-
e) Building Material	-	-
f) Electrical Material	-	-
g) Stationary	-	-
h) Water supply material	-	-
2. Sundry Debtors		
a) Debts outstanding for a period exceeding six months	-	-
b) Others	-	-
3. Cash and Bank Balance		
a) With Scheduled Banks:		
-In Current Accounts	-	-
-In Term Deposit Accounts	57,40,16,011.92	56,13,64,149.89
-In Savings Accounts (Details as per Annexure II)	12,90,78,984.81	21,62,57,516.41
b) With non-scheduled Banks:		
-In Term Deposit Accounts	-	-
-In Savings Accounts	-	-
4. Post Office savings Accounts	-	-
Total	70,30,94,996.73	77,76,21,666.30

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Annexure-II

Details of Balance in Bank Account as on 31-03-2023

(Amount in ₹)

Sn.	SB Account Name	SB Account Number	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1	Canara (Syndicate) Bank- CEP A/C	24282010001960	19,50,117.89	1,98,751.73
2	Canara (Syndicate) Bank- Hostel A/c	80072200011951	2,71,38,357.77	2,62,34,780.73
3	Canara (Syndicate) Bank- Main A/c	80072160000018	6,60,33,676.84	4,20,50,734.00
4	Canara (Syndicate) Bank- Gymkhana A/c	80072010034135	8,85,615.34	49,47,197.70
5	Axis Bank A/c	912020013584849	5,09,077.79	7,03,144.84
6	S B I- Institute Main A/c	30824066553	83,44,320.40	62,23,978.60
7	ICICI Bank A/c	006101055198	1,61,437.00	29,219.00
8	Canara Bank- Escro A/c 3	3673101007607	24,52,862.00	10,32,69,427.00
9	Canara (Syndicate) Bank- Corpus Fund A/c	24282160000031	886.00	(4,686.65)
10	ICICI Bank A/c	198501000430	30,49,391.00	5,17,318.46
11	Canara (Syndicate) Bank- Endowment Fund A/c	80072010035590	1,37,169.36	4,23,557.36
12	Canara Bank- Escro A/c 2	72822610000263	2,92,367.77	2,84,039.77
13	ICICI Bank A/c	006101058683	6,50,695.00	2,16,027.00
14	Canara (Syndicate) Bank- NSS IIT A/c	72822200000634	2,71,126.59	3,17,994.59
15	S B I- Guest House A/c	36976372905	36,130.56	63,393.11
16	S B I- Fee receivable A/c	379905000647	1,43,706.00	1,39,892.00
17	Canara (Syndicate) Bank A/c -	24282160000027	44,77,438.00	12,529.23
18	S B I- Endowment Fund A/c	33547594939	7,455.08	866.08
19	Canara Bank- Escro A/c 4	3673101007608	19,010.00	7,426.00
20	SBI JEE	4049692101	1,38,258.00	10,136.00
21	Canara Bank- NSS IIT A/c	72822200000649	52,424.00	50,931.00
22	S B I- KC IIT Bhubaneswar A/c	41041973501	81,72,911.00	-
23	Asean Fellowship SBI	41367223469	-	-
23	Canara (Syndicate) Bank- SRIC- A/c	80072160000022	22,325.20	15,66,539.29
24	S B I- Project A/c	20054905156	42,26,729.52	1,79,01,957.87
25	S B I- A/c	38605214766	(4,404.30)	1,10,50,144.70
26	BOM A/c	60420734797	(97,000.00)	-
27	BOM A/c	60422783846	(96,900.00)	-
28	S B I - CENEMA A/c	35052867155	1,03,801.00	42,217.00
Total			12,90,78,984.81	21,62,57,516.41

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-8 : LOANS, ADVANCES & DEPOSITS

(Amount in ₹)

PARTICULARS		CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
A. Advance to employees:(Non-interest bearing)			
1	Salary	-	-
2	Festival Advance	-	-
3	LTC Advance	772.00	2,20,200.00
4	Medical Advance	-	-
5	Other Advances	-	-
	Advance to Student	-	-
	General Advance (Contingent)	1,11,000.00	5,000.00
	Imprest Advances	67,816.00	34,798.00
	PDA Advance	2,70,860.00	-
	TA Advance	-	-
	Soft Loan	-	-
	Advance - President Student Gymkhana	-	-
	Advance to Alma Fiesta, JEE & Wissenaire	-	2,00,000.00
	Advance - S K BET	25,000.00	25,000.00
	In House Project Grant	2,22,27,507.00	2,22,27,507.00
	Faculty Development Fund	15,000.00	15,000.00
	Guest House CA	2,79,082.00	1,31,502.00
B. Long Term Advance to employees:(Interest bearing)			
1	Vehicle Loan	-	-
2	Home Loan	-	-
3	Others (to be specified)	-	-
C. Advances and other amounts recoverable in cash or in kind or for value to be received			
1	On Capital Account	1,11,67,330.00	9,16,840.00
2	to suppliers	-	-
3	Others current Assets	90,58,275.36	65,12,792.25
4	Tax deducted at Source (TDS)	12,52,118.94	8,38,822.00
5	Endowment Centre, R & D (TDS), Hostel & CEP (TDS)	92,42,012.44	65,70,516.00
D. Prepaid Expenses			
1	Insurance (Student)	-	17,41,696.00
2	Other Expenses	-	-
	i) Prepaid AMC Charges	-	-
	ii)Prepaid E-Subscription Charges	4,76,86,442.00	3,91,23,965.00
E. Deposits			
1	Telephone	2,40,404.00	2,40,404.00
2	Lease Rent	60,000.00	60,000.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-8 : LOANS, ADVANCES & DEPOSITS

(Amount in ₹)

PARTICULARS		CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
3	Electricity	57,52,035.00	62,64,330.00
4	HP Gas	11,550.00	11,550.00
5	TPCODL	34,18,802.00	
6	Other deposits		
	i) Department of Post	15,000.00	15,000.00
	ii) Special Gas & Equipment Pvt Ltd	64,000.00	64,000.00
F. Income Accrued		-	-
1	On investments from Earmarked/Endowment funds	2,90,007.00	-
	On investments from Endowment funds	26,87,669.00	
2	On investments- others (Term Deposit)	3,16,34,155.00	-
3	On Loans and advances (on Securities)	4,28,371.00	1,88,109.00
4	Others(includes income due unrealized)	-	-
G. Other -Current assets receivable from UGC/sponsored projects receivable		-	-
1	Debit balances in Sponsored Projects	-	-
	i) CSIR Project Grant	1,44,619.00	1,44,619.00
2	Debit balances in Sponsored Fellowship & Scholarship	-	-
	i) UGC JRF Fellowship	3,55,528.00	3,55,528.00
	ii) Receivable from R&D towards overhead for Corpus Fund & Other	1,62,51,483.30	1,47,45,471.60
	iii) Fellowship Inspired (DST)	36,000.00	36,000.00
	iv) DST Inspire Fellowship	4,31,342.00	4,31,342.00
	v) CSIR JRF Fellowship	3,50,922.00	3,50,922.00
	vi) Receivable - Electricity Collection	16,98,099.00	16,98,099.00
	vii) Receivable - JAM Fee Joint M SC PhD	-	4,37,000.00
	viii) Receivable from CEP	13,93,009.03	13,93,009.03
3	i)Receivable from MOE	9,82,65,338.05	13,39,29,920.43
	ii) Receivable from MOE - HEFA Loan Interest	-	2,35,11,299.00
4	Others receivable	-	-
	i) SRIC/ R&D IIT Bhubaneswar	45,86,47,872.44	44,95,64,568.69
	ii)SRIC/ R&D Project fund	2,438.00	2,438.00
	iii)SRIC/ R&D Current Assets	36,03,492.89	36,03,492.89
	iv) CEP Current Assets	26,629.00	2,89,340.00
	v) Hostel Current Assets	9,07,16,253.00	9,73,60,216.00
	vi) Gymkhana Current Assets	91,43,573.00	55,14,618.00
	vii) Guest huose receivable	3,829.00	4,05,289.00
	viii) Loan for Project	9,29,000.00	-
H. Claims Receivable		-	-
Total		82,80,04,636.47	81,91,80,203.89

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 9 – ACADEMIC RECEIPTS

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
FEE FROM STUDENTS		
Academic		
1. Tuition fee	25,34,13,042.00	25,64,39,662.00
2. Admission Fees	1,70,700.00	1,84,300.00
3. Enrolment Fee (One Time fee)	33,28,150.00	34,81,650.00
4. Library Admission fee	4,30,444.00	4,60,750.00
5. Laboratory fee	54,33,000.00	41,29,750.00
6. Art & Craft fee	-	-
7. Registration fee	10,86,800.00	10,62,500.00
8. Syllabus fee	-	-
Total (A)	26,38,62,136.00	26,57,58,612.00
Examinations		
1. Admission test fee	-	-
2. Annual Examination fee	27,17,000.00	26,56,250.00
3. Mark sheet, certificate fee	4,90,750.00	5,56,050.00
4. Supplementary Exam Fee	20,750.00	7,100.00
5. Thesis Examination Fee	33,150.00	27,550.00
6. Provisional Certificate Fees	1,70,700.00	1,84,300.00
Total (B)	34,32,350.00	34,31,250.00
Others fees:		
1. Identity card fee	85,700.00	92,550.00
2. Fine/Miscellaneous fee	-	-
i) Late Fees (Fine)	-	-
ii) Penalty Charges to Student	-	-
iii) Income From Library/ Fine	-	-
3. Medical fee/ Insurance Fee	66,31,866.00	49,96,301.50
4. Transportation fee	-	-
5. Hostel fee (seat rent)	27,16,000.00	14,73,500.00
6. Transcript fees	2,97,955.00	2,51,645.10
7. Educational verification Fees	-	-
8. Electricity & Water Charges Fees	81,48,000.00	44,20,500.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 9 – ACADEMIC RECEIPTS

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
9. Internet Connectivity Fees	25,88,522.00	14,73,500.00
10. Gymkhana Fees	-	-
11. Fee Subscriptions & other (Hostel) ANNEXURE - III	14,46,54,658.72	10,58,97,270.00
15. Certificate Fees	-	-
16. Convocation Registration Fees	7,79,000.00	9,79,500.00
17. M Tech Seat Reservation Fees	40,200.00	1,60,000.00
18. Summer Quarter Registration Fees	-	-
19. Student Amenities	32,59,200.00	17,68,200.00
20. Career Development Fees	4,23,750.00	4,60,750.00
21. Other Fees (student benefit fee)	-	-
22. Educational verification Fees	-	-
Total (C)	16,96,24,851.72	12,19,73,716.60
Sale of publications		
1. Sale of Admission forms	-	-
2. Sale of syllabus and Question Paper, etc.	-	-
3. Sale of prospectus including admission forms	18,96,240.00	28,69,750.00
Total (D)	18,96,240.00	28,69,750.00
Other Academic Receipts		
1. Registration fee for workshops, programmes	-	-
2. Registration fees (Academic Staff College)	-	-
Total (E)	-	-
F. Repayment of HEFA Loan	6,87,50,000.00	6,87,50,000.00
G. Expenditure for KV IIT Bhubaneswar	79,02,586.00	
H. Payment of Interest (Vidyalakshmi Scheme)	48,74,273.00	
I. Transferred to Corpus Fund	21,26,34,060.00	21,93,86,058.60
GRAND TOTAL (A+B+C+D+E-F-G-H-I)	14,46,54,658.72	10,58,97,270.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-10: GRANTS / SUBSIDIES / SUBSIDIES (Irrevocable Grants Received)

(Amount in ₹)

PARTICULARS	Non-Plan			Total Plan	Plan	" Current Year Total 2022-23 "	Previous Year Total 2021-22
	Govt. of India	UGC					
		Plan	Specific Schemes				
Balance B/F:	-	-	-	-	-	-	-
Add: Receipts During the Year							
Grant-in-Aid for Recurring activities	-	-	-	1,10,09,00,000.00	1,10,09,00,000.00	1,10,09,00,000.00	80,72,00,000.00
Grant-in-Aid for payment of HEFA Loan Interest	-	-	-	13,04,57,568.00	13,04,57,568.00	13,04,57,568.00	5,16,29,822.00
Grant-in-Aid for payment of HEFA Loan Principal (Capital)	-	-	-	20,62,50,000.00	20,62,50,000.00	20,62,50,000.00	20,62,50,000.00
Internal Income (Interest) treated as additional/ adjustment of Grant							(2,29,84,798.66)
Total	-	-	-	1,43,76,07,568.00	1,43,76,07,568.00	1,43,76,07,568.00	1,04,20,95,023.34
Less:Refund	-	-	-	2,78,00,000.00	2,78,00,000.00	2,78,00,000.00	147.00
Balance	-	-	-	1,40,98,07,568.00	1,40,98,07,568.00	1,40,98,07,568.00	1,04,20,94,876.34
Less:Utilised for repayment of HEFA loan Principal (Capital)	-	-	-	20,62,50,000.00	20,62,50,000.00	20,62,50,000.00	20,62,50,000.00
Less:Utilised for repayment of HEFA loan Interest (Capital)				13,04,57,568.00	13,04,57,568.00	13,04,57,568.00	5,16,29,822.00
Balance	-	-	-	1,07,31,00,000.00	1,07,31,00,000.00	1,07,31,00,000.00	78,42,15,054.34

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-11: INCOME FROM INVESTMENT

(Amount in ₹)

PARTICULARS	Earmarked /Endowment Funds		Other Investments	
	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Investment from Earmarked/Endowment Fund				
1. Interest				
a) On Govt. Securities	-	-	-	-
b) Other Bonds/Debentures	-	-	-	-
2. Interest on Term Deposits	56,77,125.94	56,59,812.47	7,92,28,042.74	9,41,51,971.74
"3. Income accrued but not due on term deposits / Interest bearing advances to employees"	-	-	-	-
4. Income on Savings bank accounts	7,047.00	2,861.00	2,12,432.00	6,660.00
5. Others (Specify)	-	-	-	-
TOTAL	56,84,172.94	56,62,673.47	7,94,40,474.74	9,41,58,631.74
TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS	56,84,172.94	56,62,673.47	7,94,40,474.74	9,41,58,631.74
Balance	-	-	-	-

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 12- INTEREST EARNED

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1. On Savings Accounts with schedule banks:		
a) With Scheduled Banks	10,36,992.00	12,90,959.00
b) With Non-Scheduled Banks	-	-
c) With Institutions	-	-
d) Others (Escro)	1,15,122.00	1,56,177.00
Total (A)	11,52,114.00	14,47,136.00
1. Term Deposit Accounts with schedule banks:		
a) With Scheduled Banks	2,14,70,602.00	1,87,42,046.29
b) With Scheduled Banks (Hostel A/c) Annexure - III	11,51,683.00	11,35,290.00
c) With Non-Scheduled Banks	-	-
d) With Institutions	-	-
e) Others	48,85,285.00	59,71,540.00
Total (B)	2,75,07,570.00	2,58,48,876.29
2. On Loans:		
a) Employees/Staff	-	-
b) Others (Intrest from Income Tax return)	2,346.00	1,85,604.00
Total (C)	2,346.00	1,85,604.00
3. On Debtors and Other Receivables	4,28,371.00	1,88,109.00
Total (D)	4,28,371.00	1,88,109.00
I. Transferred to Current Liabilities for refund to MOE	-	3,58,333.33
II. Transferred to Corpus Fund (F)	2,79,38,718.00	2,61,76,101.96
GRAND TOTAL (A+B+C+D-E-F)	11,51,683.00	11,35,290.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 13- OTHER INCOME

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
A. Income from Land & Building		
1. Hostel Room Rent	-	-
2. License fee	15,20,917.00	12,70,581.00
3. Hire Charges of Auditorium/Play ground/Convention Centre, Shopping Complex,Car Rent etc	7,06,292.00	6,54,483.00
4. Electricity charges	-	-
5. Water charges recovered	1,26,120.00	80,513.00
5. Income from Guest House	62,03,253.36	12,48,784.00
Total (A)	85,56,582.36	32,54,361.00
B. Sale of Institute's publications	-	-
Total (B)	-	-
C. 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 festes	-	-
Less: Direct expenditure incurred on the festes	-	-
3. Gross Receipts for educational tours	-	-
Less: Direct expenditure incurred on the tours	-	-
4. Others (to be specified and separately disclosed)	-	-
Total (C)	-	-
D. Others :		
1. Income from User charges	-	7,700.00
2. RTI fees	-	80.00
3. Income from Royalty	-	-
4. Sale of application form (recruitment)	36,25,500.00	-
5. Misc. receipts (Sale of tender form, waste paper,Scarp etc.)	-	-
6. Profit on Sale/disposal of Assets:	-	-
a) Owned assets	-	-
b) Assets acquired out of grants, or received free of cost	-	-
7.Grants/Donations from Institutions,Welfare bodies and International Organizations	-	-
8.Others Auction money	-	-
i.Recovery for absence - Joint M Tech & Joint M. SC	-	-
ii.Tender Fee	3,950.00	1,854.00
iii.CEP Receipts	16,41,639.15	54,76,961.70
iv. Fine (Late fee & Library)	3,17,504.00	3,89,296.00
v.Liquidated Damages	15,59,844.00	26,57,431.94
vi.Misc. Income	1,12,214.19	4,10,508.40
vii.Penalty Charges to party/ Student	39,000.00	2,50,478.00
viii.Penal Intrest Collected	-	-
ix.SRIC Income	17,10,85,725.17	-
x.Gymkhana Income	1,13,83,337.64	1,18,32,607.00
Total (D)	18,97,68,714.15	2,10,26,917.04
E. Transferred to Corpus Fund	80,11,341.19	57,22,925.34
GRAND TOTAL (A+B+C+D-E)	19,03,13,955.32	1,85,58,352.70

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 14- PRIOR PERIOD INCOME

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
1.Academic Receipts	-	-
2.Income from Investment	-	-
3.Interest Earned	-	-
4.Other Income	-	-
i)Corpus Fund	-	-
ii)Student Brotherhood Fund(SBF)	-	-
iii)Other Prior Period Income	(60,784.00)	(1,80,058.00)
Total (A)	(60,784.00)	(1,80,058.00)
B. Transferred to Corpus Fund	(60,784.00)	(1,80,058.00)
GRAND TOTAL (A-B)	-	-

SCHEDULE 15 : Staff Payments & Benefits (Establishment Expenses)

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1 Salaries and Wages	43,98,09,712.00	-	43,98,09,712.00	37,28,71,493.00	-	37,28,71,493.00
2 Allowances and Bonus	-	-	-	-	-	-
3 Contribution to Provident Fund	-	-	-	-	-	-
4 Contribution to Other Fund (NPS)	5,55,46,684.00	-	5,55,46,684.00	4,71,60,252.00	-	4,71,60,252.00
5 Staff Welfare Expenses	-	-	-	-	-	-
6 Retirement and Terminal Benefits	24,51,797.00	-	24,51,797.00	-	-	-
7 LTC facility	47,19,531.00	-	47,19,531.00	5,51,034.00	-	5,51,034.00
8 Medical facility	1,12,48,619.00	-	1,12,48,619.00	77,23,932.00	-	77,23,932.00
9 Children Education Allowance	44,30,000.00	-	44,30,000.00	40,70,250.00	-	40,70,250.00
10 Honorarium	35,18,890.00	-	35,18,890.00	4,57,819.00	-	4,57,819.00
11 TA on transfer	4,96,491.00	-	4,96,491.00	-	-	-
12 Newspaper allowance	8,34,226.00	-	8,34,226.00	7,57,236.00	-	7,57,236.00
13 Leave Salary, Lien & Pension Contribution	5,97,209.00	-	5,97,209.00	3,29,886.00	-	3,29,886.00
14 NPS Admn Charges	42,907.00	-	42,907.00	44,315.00	-	44,315.00
15 Professional Development Allowance	70,23,365.03	-	70,23,365.03	26,56,042.00	-	26,56,042.00
16 EGI Expenses	-	-	-	2,15,906.00	-	2,15,906.00
17 Leave Encashment	19,49,277.00	-	19,49,277.00	4,82,618.00	-	4,82,618.00
TOTAL	53,26,68,708.03	-	53,26,68,708.03	43,73,20,783.00	-	43,73,20,783.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 15 A: EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

(Amount in ₹)

Particulars	Pension	Gratuity	Leave Encashment	Total
Opening Balance				
Addition: Capitalized Value of Contributions Received from other Organizations	-	-	-	-
Total (a)	-	-	-	-
Less: Actual Payment during the year (b)	-	-	-	-
Balance Available on 31.3.2022 c(a-b)	-	-	-	-
Provision required on 31.03.2022 as per Actual Valuation (d)	-	-	-	-
A. Provision to be made in the current year (d-c)	-	-	-	-
B. Contribution to New pension Scheme	-	-	-	-
C. Medical Reimbursement to Retired Employees	-	-	-	-
D. Travel to Home Town on Retirement	-	-	-	-
E. Deposits Linked Insurance Payment	-	-	-	-
TOTAL(A+B+C+D+E)	-	-	-	-

Note: Contribution to NPS {Employer share included in Schedule - 15 - Contribution to Other Fund (NPS)} deposited with NSDL on monthly basis. Actual valuation is not required. Please refer SI 12 of Schedule 23 & SI 7 of Schedule 24

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 16 – ACADEMIC EXPENSES

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1 Laboratory expenses	91,16,404.00	-	91,16,404.00	-	73,12,799.00	73,12,799.00
2 Field work/Participation	-	-	-	-	-	-
3 Seminar/Workshop	-	-	-	-	-	-
4 Payment to visiting faculty	8,04,742.00	-	8,04,742.00	-	36,32,220.00	36,32,220.00
5 Examination	28,27,888.00	-	28,27,888.00	-	30,96,009.90	30,96,009.90
6 Student Welfare expenses	1,00,05,646.00	-	1,00,05,646.00	-	81,05,453.00	81,05,453.00
7 Inter IIT Sports meet	42,57,425.00	-	42,57,425.00	-	-	-
8 Admission expenses	-	-	-	-	-	-
9 Convocation expenses	26,47,715.00	-	26,47,715.00	-	27,39,096.00	27,39,096.00
10 Publications	-	-	-	-	-	-
11 Stipend/means-cum-merit scholarship	22,36,07,288.00	-	22,36,07,288.00	-	21,24,34,560.00	21,24,34,560.00
12 Subscription Expenses (Trf. to Fixed assets)	-	-	-	-	-	-
13 Others (specify) Alumni Meet	-	-	-	-	-	-
14 Alumni Center Development Expenses	-	-	-	-	-	-
15 Departmental Operating Expenses	-	-	-	-	-	-
16 Operating Expenditure SBS	42,23,543.93	-	42,23,543.93	-	34,88,861.59	34,88,861.59
17 Operating Expenditure SES	28,76,432.00	-	28,76,432.00	-	12,24,977.00	12,24,977.00
18 Operating Expenditure SIF	15,27,060.00	-	15,27,060.00	-	14,02,392.00	14,02,392.00
19 Operating Expenditure HSS&M	12,56,621.00	-	12,56,621.00	-	8,43,823.00	8,43,823.00
20 Operating Expenditure SMS	18,11,868.00	-	18,11,868.00	-	10,68,829.00	10,68,829.00
21 Operating Expenditure CIF	31,45,378.00	-	31,45,378.00	-	2,52,105.00	2,52,105.00
22 Operating Expenditure SEOCS	12,06,827.00	-	12,06,827.00	-	9,58,961.00	9,58,961.00
23 Operating Expenditure SMMME	20,88,182.57	-	20,88,182.57	-	11,34,443.57	11,34,443.57
24 Operating Expenditure CDC	3,15,082.00	-	3,15,082.00	-	1,58,281.00	1,58,281.00
TOTAL	27,17,18,102.50	-	27,17,18,102.50	-	24,78,52,811.06	24,78,52,811.06

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 17 – ADMINISTRATIVE AND GENERAL EXPENSES

(Amount in ₹)

PARTICULARS	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
A. Infrastructure						
1 Electricity and power	5,46,84,685.00	-	5,46,84,685.00	-	3,24,49,829.00	3,24,49,829.00
2 Water charges	-	-	-	-	-	-
3 Insurance	-	-	-	-	-	-
4 Rent, Rates and Taxes (including property tax)	1,08,268.00	-	1,08,268.00	-	-	-
B. Communication						
1 Postage & telegram	1,29,043.00	-	1,29,043.00	-	2,20,039.00	2,20,039.00
2 Telephone and Internet Charges	6,78,061.00	-	6,78,061.00	-	7,85,079.00	7,85,079.00
C. Others						
1 Printing and Stationary	26,17,123.34	-	26,17,123.34	-	15,94,966.00	15,94,966.00
2 Traveling and Conveyance Expenses	4,32,955.00	-	4,32,955.00	-	68,840.00	68,840.00
3 Audit Expenses/ Fees	3,18,960.00	-	3,18,960.00	-	3,50,960.00	3,50,960.00
4 Professional Charges	24,15,370.00	-	24,15,370.00	-	31,48,410.00	31,48,410.00
5 Advertisement and Publicity	3,41,520.00	-	3,41,520.00	-	1,24,059.00	1,24,059.00
6 Magazines & Journals	24,725.00	-	24,725.00	-	46,794.00	46,794.00
7 E-filing Charges	32,810.00	-	32,810.00	-	26,549.00	26,549.00
8 Institute Function Expenses	21,42,559.00	-	21,42,559.00	-	9,99,039.00	9,99,039.00
9 Relocation Charges	20,659.00	-	20,659.00	-	-	-
10 Recruitment Expenses	34,90,691.00	-	34,90,691.00	-	1,28,356.00	1,28,356.00
11 Guest House Expenses	52,89,796.91	-	52,89,796.91	-	18,81,494.42	18,81,494.42
12 Misc. Expenses (Hiring of DG Set)	-	-	-	-	24,599.00	24,599.00
13 Hostel Expenditure Annexure - III	14,69,84,941.20	-	14,69,84,941.20	-	9,76,55,711.98	9,76,55,711.98
14 CEP Expenses	3,009.16	-	3,009.16	-	2,056.50	2,056.50
15 Gymkhana Expenses	1,15,70,346.00	-	1,15,70,346.00	-	29,07,901.00	29,07,901.00
16 Annual Membership Fees	2,03,149.00	-	2,03,149.00	-	4,06,981.00	4,06,981.00
17 Operating Expenditure Admin.	44,47,563.00	-	44,47,563.00	-	26,76,385.00	26,76,385.00
18 Operating Expenditure - CITCS	10,46,869.00	-	10,46,869.00	-	11,48,139.00	11,48,139.00
19 Operating Expenditure Library	2,84,302.00	-	2,84,302.00	-	1,97,390.00	1,97,390.00
20 Operating Expenditure Hindi Cell & E Cell	3,18,272.00	-	3,18,272.00	-	4,19,224.00	4,19,224.00
21 Security & Man power supply Exp.	8,90,61,669.00	-	8,90,61,669.00	-	8,22,57,546.14	8,22,57,546.14
22 Fuel Exp. For DG Set	3,26,781.00	-	3,26,781.00	-	2,60,144.00	2,60,144.00
23 Development of Horticulture Work	52,39,152.00	-	52,39,152.00	-	38,66,508.60	38,66,508.60
24 IIT Council Secretariate Expenses	10,00,000.00	-	10,00,000.00	-	1,00,000.00	1,00,000.00
25 Training of Employees	1,05,947.00	-	1,05,947.00	-	1,28,030.00	1,28,030.00
26 SRIC Expenses	17,10,85,725.17	-	17,10,85,725.17	-	-	-
TOTAL	50,44,04,951.78	-	50,44,04,951.78	-	23,38,75,030.64	23,38,75,030.64

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 18 – TRANSPORTATION EXPENSES

(Amount in ₹)

Particulars	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Vehicles (owned by institution)						
a) Running expenses	-	-	-	-	-	-
b) Repairs & maintenance	94,139.00	-	94,139.00	-	37,099.00	37,099.00
c) Insurance expenses	38,186.00	-	38,186.00	-	16,865.00	16,865.00
2. Vehicles taken on rent/lease						
a) Rent/lease expenses	1,07,37,093.00	-	1,07,37,093.00	-	90,55,066.00	90,55,066.00
b) Fuel Expenses	1,59,303.00	-	1,59,303.00	-	1,86,306.00	1,86,306.00
3. Vehicle (Taxi Hiring expenses)	-	-	-	-	-	-
TOTAL	1,10,28,721.00	-	1,10,28,721.00	-	93,09,858.00	92,95,336.00

SCHEDULE 19: REPAIRS & MAINTENANCE

(Amount in ₹)

Particulars	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Building	1,24,39,121.00	-	1,24,39,121.00	-	95,24,202.00	95,24,202.00
b) Furniture & Fixture	3,91,955.00	-	3,91,955.00	-	-	-
c) Plant & Machinery	-	-	-	-	-	-
d) Office Equipments	72,96,183.00	-	72,96,183.00	-	33,81,413.43	33,81,413.43
e) Cleaning material & services	1,73,66,519.00	-	1,73,66,519.00	-	1,50,72,097.05	1,50,72,097.05
f) Others (specify)	-	-	-	-	-	-
TOTAL	3,74,93,778.00	-	3,74,93,778.00	-	2,79,77,712.48	2,79,77,712.48

SCHEDULE 20 : FINANCE COSTS

(Amount in ₹)

Particulars	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a. Bank charges	45,016.21	-	45,016.21	-	75,995.25	75,995.25
b. HEFA Loan Interest Exp on Capitalised Assets	19,64,894.00	-	19,64,894.00	-	-	-
TOTAL	20,09,910.21	-	20,09,910.21	-	75,995.25	75,995.25

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE 21 – OTHER EXPENSES

(Amount in ₹)

Particulars	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a Provision for Bad and Doubtful Debts/Advances	-	-	-	-	-	-
b Irrecoverable Balances Written-off	-	-	-	-	-	-
c Grant/Subsidies to other Institutions/organizations	-	-	-	-	-	-
d Others (specify)	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

SCHEDULE 22 – PRIOR PERIOD EXPENSES

(Amount in ₹)

Particulars	CURRENT YEAR 2022-23			PREVIOUS YEAR 2021-22		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1 Establishment Expenses	30,52,418.32	-	30,52,418.32	-	2,85,805.00	2,85,805.00
2 Academic Expenses	19,19,351.00	-	19,19,351.00	-	7,87,409.00	7,87,409.00
3 Administrative Expenses	49,41,007.17	-	49,41,007.17	-	34,21,437.14	34,21,437.14
4 Transportation Expenses	-	-	-	-	-	-
5 Repairs & Maintenance Expenses	4,75,742.00	-	4,75,742.00	-	5,30,344.00	5,30,344.00
6 Other Expenses	-	-	-	-	-	-
TOTAL	1,03,88,518.49	-	1,03,88,518.49	-	50,24,995.14	50,24,995.14

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2023

1. ACCOUNTING CONVENTIONS

- a) The Annual Accounts of the Institute is prepared considering the guiding principles mentioned in the revised 'Formats of Financial Statement for the Central Higher Educational Institutions' prescribed and sent by the Ministry of Education(MoE) vide mail dated 25th Aug 2014.
- b) The Annual Accounts of the Institute are prepared under Historical Cost Conventions and ongoing concern concept, unless otherwise stated. The Institute follows the accrual method of accounting. All income, expenses, assets and liabilities are accounted for on accrual basis.
- c) Accounting policies not specifically referred to otherwise are consistent and in accordance with Indian Generally Accepted Accounting Principles (GAAP) and Accounting Standards (AS) issued by the Institute of Chartered Accountants of India.
- d) Purchase of consumable store/stationaries are charged as expenditure irrespective of whether they are consumed or held in stock at the year-end as overall effect is not material;
- e) The accounting policies adopted in the preparation of the financial statements are consistent with those followed in the previous year.

2. USE OF ESTIMATES

The preparation of financial statements in conformity with the Indian GAAP requires the management to make judgments, estimates and assumptions that affect the reported amount of revenues/ income, expenses, assets and liabilities and the disclosure of contingent liabilities at the end of the reporting period. Although these estimates are based on the management's best knowledge of current events and actions, uncertainty about these assumptions and estimates could result in the outcomes requiring a material adjustment to the carrying amounts of assets or liabilities in future periods.

3. PROPERTY, PLANT AND EQUIPMENT

An item of property, plant and equipment are valued at its cost less any accumulated depreciation and any accumulated impairment losses as per the cost model of paragraph 33 of AS-10- 'Property, Plant and Equipment' and AS- 26 -'Intangible Assets. The cost of an item of property, plant and equipment comprises of cost of acquisition after deducting trade discounts and rebates but including inward freight, duties and taxes, incidental and other direct expenses related to their acquisition, installation and commissioning. Several items of property, plant and equipment are purchased for a consolidated price; the consideration is apportioned to the various items on the basis of their respective fair values at the date of acquisition.

- a) Expenditure on the development of land, including leasehold land, is capitalized as part of cost of land. Cost of Lease hold land is amortized over the period of the lease.
- b) There is an effective internal control over expenditure incurred on fixed assets acquired or self-constructed.
- c) All the property, plant and equipment are held in the name of the entity. None of the expenditure which is of a capital nature being the property, plant and equipment is charged to revenue, but is recognized as the property, plant and equipment.
- d) All 'Fixed Assets' are depreciated/amortized according to applicable standards i.e., AS 10 – 'Property, Plant and Equipment' and AS 26-'Intangible Assets'.
- e) There is an effective internal control over the disposal or scrapping of fixed assets.
- f) All assets have been carried for an amount which is not more than the recoverable amount and impairment losses in terms of AS 28 –'Impairment of Assets' has been accounted for, wherever necessary.

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2023 (Contd.)

4. DEPRECIATION:

- a) Depreciation on fixed assets is provided on 'Straight Line Method' from the Financial Year 2014-15. Depreciation is provided for the whole year on additions during the year. Depreciation has not been charged on SRIC Assets (Project), since those projects are not own projects of the Institute and are subject to transfer to Project Sponsoring Agencies if the occasion arises. Similarly, depreciation has not been charged on SRIC assets created out of Institute fund (Inhouse Project Grant) for research projects for newly appointed faculties as these assets will be transferred to the Institute alongwith ownership only after completion of the in-house projects. The rates adopted in this financial statement are furnished hereunder.

a) Tangible Assets:			
1. Freehold Land	Nil	8. Plant & Machinery	5%
2. Site Development	Nil	9. Scientific & Laboratory Equipment	8%
3. Building	2%	10. Office Equipment	7.50%
4. Roads & Bridges	2%	11. Audio Visual Equipment	7.50%
5. Tube Wells & Water Supply	2%	12. Computer & Peripherals	20%
6. Sewerage & Drainage	2%	13. Furniture, Fixtures & Fittings	7.50%
7. Electrical Installation and equipment	5%	14. Vehicles	10%
		15. Books & Library	10%
b) Intangible Assets (Amortization):			
1. E-Journals	40%		
2. Computers Software	40%		
3. Patents and Copy Rights	9 Years		

- b) Assets costing ₹ 2,000 or less (except Library Books) are treated as small-value Assets and 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.
- b) Where an asset is fully depreciated, it is carried at a residual value of ₹ 1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on additions of each year separately at the applicable rate.
- b) **Intangible assets:** Patents and copyrights, E-Journals and computers Software are grouped under Intangible Assets.

5. CAPITAL WORK-IN-PROGRESS

Deposit works are accounted for as Capital Work-in-Progress on the basis of statements received from the Engineering Section of the Institute/ CPWD/ NBCC. Running bills of the contractors are also accounted for as Capital Work-in-Progress till completion. No depreciation is charged on Capital work-in-Progress. Capital Work-in-Progress is reduced when a work is completed or put to use and is capitalized. Interest paid on HEFA loan is also shown under Capital Work-in-Progress under 'Borrowing cost' and is capitalized along with the completed asset concerned as required under AS 16. Borrowing cost on capitalized assets are treated as revenue expenses under 'Finance Cost'.

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2023 (Contd.)

6. MISCELLANEOUS EXPENDITURE

Deferred revenue expenditure is written off over a period of 5 years from the year it is incurred.

7. REVENUE RECOGNITION

The Institute is fully funded by the Ministry of Education (MoE), Government of India. Fees and other dues received from students are taken as income in the year of receipt on accrual basis and interest received from banks are accounted as income on the basis of interest credited/ reported as accrued by the banks.

8. RECEIPTS AND EXPENDITURE

- a) The Institute follows a mercantile system of accounting and all incomes and expenses accounted for in the books are related to this financial year 2022-23 only.
- b) All income which accrued up to the date of the Balance Sheet has been taken into account in preparing these accounts. The revenues have been recognized as per AS 9 –‘Revenue Recognition.’
- c) All recorded revenue arose from transactions which took place during the relevant period and pertain to the entity.
- d) The revenue is recorded in the proper amounts and is allocated to the proper period.
- e) Revenue is disclosed, classified and described in accordance with recognized accounting policies and practices and relevant statutory requirements.
- f) The Institute has adequate internal control procedures to generate, measure, recognize and account for revenues.
- g) There is no unrecorded revenue/ income of the entity.
- h) All recorded expenses arose from transactions which took place during the relevant period and pertain to the entity.
- i) The expenses are recorded in the proper amounts and are allocated to the proper period.
- j) Expenses are disclosed, classified and described in accordance with recognized accounting policies and practices and relevant statutory requirements.
- k) The Institute has adequate internal control procedures to measure, recognize and account for expenses.
- l) There is no unrecorded expenses of the entity
- m) There are no dues payable to employees for which provision/payment has not been made in books of accounts.
- n) The Institute has an Internal Audit System which conducts pre-audit of all major expenses above ₹25,000, purchases and works contracts, etc.

9. FOREIGN CURRENCY TRANSACTION

Foreign currency transactions are accounted for at the exchange rate prevailing on the transaction date.

10. GOVERNMENT GRANTS

Grants received from the government are recognized as per ‘AS- 12’ - Accounting for Government Grants. Government grants are recognized on realization basis. However, where a sanction for the release of grants pertaining to the financial year is received before the end of the financial year and a grant is actually received in the next financial year, and Revenue Expenditure incurred on salaries, scholarships, etc., within the guidelines set by the Government of India, the grant is accounted on accrual basis.

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2023 (Contd.)

Government grant to the extent utilized towards capital expenditure (on accrual basis) is transferred to the Capital Fund.

Government grant to the extent utilized on meeting Revenue Expenditure (on accrual basis) are treated as Income of the year in which they are utilized. Interest earned on unutilized Government grant has been treated as a 'current liability' for the refund to MoE as per the provisions contained in Rule 230(8) of General Financial Rules (GFR) 2017.

Unutilized grants are carried forward and exhibited as a liability in the Balance Sheet. Deficit amount were met from internal resource generation (IRG) pending recoupment on receipt of the Government Grant.

11. ACCOUNTING FOR INVESTMENT:

Long-term investments are stated at cost. Provision for diminution in the value of the investment is made if the decline is other than temporary.

The Institute has classified and accounted Investments appropriately in accordance with AS 13 – 'Accounting for Investments.'

'Current investments' as appearing in the balance sheet consist of only such investments as are by their nature readily realizable and intended to be held for not more than one year from the respective dates on which they were made. All other investments have been shown in the balance sheet as 'non-current investments.'

Current investments have been valued at a lower cost and fair value. Non-current investments have been shown at cost, except that any permanent diminution in their value has been provided for in ascertaining their carrying amount. All Investments are in the shape of Term Deposit receipts/ Short Term Deposit Receipts with Banks.

All the investments available for physical verification belong to the entity and they do not include any investments held on behalf of any other person. Where a fund is kept in a Flexi deposit account with banks, STDR balance confirmations have been collected from bank concerned since banks are not issuing hard copies of such Flexi deposits.

The entity has a clear title to all its investments held in the name of the entity. There are no charges against the entity's investment except those appearing in the entity's records.

12. EMPLOYEE BENEFITS

Employee benefits are recognized as per applicable Accounting Standards i.e. AS- 15 'Accounting for Employee Benefits' excepting for 'leave encashment' and 'Gratuity'

- a) An expense for leave encashment on LTC is accounted for on a cash basis. Leave encashment (payment of cash in-lieu of unutilized leave on death/ retirement/ cessation of service) are paid out of Government grant as per the instructions received from MoE and are accounted for on accrual basis.
- b) Expenses regarding other short-term benefits are recognized based on the amount paid or payable for the period during which services are rendered by the employee.
- c) All regular employees of the Institute are covered under National Pension Scheme (NPS). Contribution to NPS (both employee and employer share) is accounted on accrual basis.
- d) MoE after due consultation with the Union Ministry of Finance and Union Ministry of Labour and Employment, clarified (16th December 2022 and 19th December 2022) that the employees of IITs covered under NPS are eligible for gratuity benefits under the provisions of 'The Payment of Gratuity Act 1972'. Payment will be released after approval of the BoG on its implementation. However, gratuity due for payment during the year has been accounted on accrual basis.

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2023 (Contd.)

13. INTANGIBLE ASSETS:

An intangible asset is an identifiable non-monetary asset, without physical substance, held for use in the production or supply of goods or services, for rental to others, or for administrative purposes. Intangible Assets are valued as per AS-26 - 'Intangible Assets.' Capital Expenditure on the purchase and development of identifiable non-monetary assets without physical substance is treated as intangible assets. These are grouped and separately shown under the schedule of Fixed Assets. These are amortized over their expected useful life at the depreciation rate prescribed by MoE.

14. STOCKS:

The Value of consumables stores (papers, laboratory chemicals, stationery items, etc.) remaining at the closing of the financial year has been taken as Nil as these have been treated as consumed, as the same is not material.

15. PROVISIONS & CONTINGENCIES:

Provisions are recognized for present obligations of uncertain timing or amount arising as a result of a past event where a reliable estimate can be made and it is probable that an outflow of resources embodying economic benefits will be required or the amount cannot be estimated reliably, the obligation is disclosed as a contingent liability, unless the probability of outflow of resources embodying economic benefits is remote.

Possible obligations, whose existence will only be confirmed by the occurrence or non-occurrence of one or more uncertain events, are also disclosed as contingent liabilities unless the probability of outflow of resources embodying economic benefit is remote.

Generally, the following types of contingent liabilities of indeterminate amount are noted:

- a) Guarantees for goods and services.
- b) Matters in litigation, such as alleged patents, copyrights, trademarks, infringements of breach of contracts.
- c) Possible claims of employees for wages, compensation or otherwise.
- d) Possible additional taxes for prior periods.
- e) Claims which are founded on contracts but to which there may or may not be an adequate defense.
- f) Description of operation due to natural calamity or otherwise suspension of production due to change in the state policy.
- g) Any litigation or dispute having a material effect; and
- h) Any other matters for money otherwise for which the Institute is contingently liable.

16. SPONSORED PROJECTS

Grants received from Sponsors are accounted for in the year it is received and is disclosed as 'Current Liability.' Expenditure incurred out of grants received are debited to the respective projects account and the unspent balance, if any, is also disclosed under 'Current Liabilities.'

Some fellowships and scholarships are also sponsored by various organizations. These are accounted for in the same way as sponsored projects except that the expenditure is generally only on the disbursement of fellowships and scholarships, which may include allowances for contingent expenditure by fellows and scholars.

The Institute also awards fellowships and scholarships out of Government Grant, which are recognized as 'Academic Expenses.'

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2023 (Contd.)

17. OTHER ACCOUNTS INCORPORATED

Books of Accounts of SRIC, Continuing Education for Professionals (CEP), Hostel and Gymkhana are maintained separately. Same are merged with the Institute Account and / or appended, wherever necessary.

18. PURCHASE PROCEDURES THROUGH INSTITUTE STORES & PURCHASE UNIT

Payments made /cheques issued for the purchase of consumables and non-consumables stocks against the confirmed Purchase Orders released by the Institute are treated as final expenditure. However, advance outstanding as at the close of the financial year are disclosed separately in Balance Sheet.

19. CORPUS FUND

Institute created a Corpus fund as per BOG Agenda No-BOG-15-28. As a policy, the amount received by way of student fees, miscellaneous income, liquidate damage, interest on investments, and interest on student fees are transferred to Corpus Fund.

20. SECURED LOAN FROM HEFA

MHRD (now MoE) instructed (March 2018) the Institute to avail loan from Higher Education Financing Agency (HEFA) to finance its remaining fund requirement for the completion of all ongoing capital works. As per the Government Guidelines, MHRD (now MoE) would pay the entire interest and 75 percent of the HEFA loan principal repayment installments while the Institute has to pay 25 percent of HEFA loan principal repayment installments out of its own generated income. MoE releases revenue grants for repayment of principal and interest under the head 31 (grants for recurring expenses-others). The loan availed from HEFA is shown in the Liability side of the Balance Sheet under 'Secured Loan.' Repayment of loan installments being capital in nature are added to Capital Fund and then reduced from the 'Secured Loan-HEFA'.

As per Accounting Standard (AS 16)- 'Borrowing Costs and Capitalization', interest on a loan availed for construction of a qualifying assets (creation of capital assets) till the asset is commissioned and put to the intended use is to be capitalized along with the cost of the capital asset. In compliance with the provisions of this AS 16, interest paid on the HEFA loan out of MoE grant has been treated as capital in nature and has been added to CWIP-Interest paid on HEFA loan and capitalized in proportion of loan availed on completion, commissioning and use of concerned capital assets (buildings, etc.).

21. INCOME TAX

The Income of the Institute is exempt from Income Tax under Section 10(23C)(iiiab) of the Income Tax Act 1961. No provision for tax is therefore made in the accounts. Tax Deduction at Source, wherever required, were deducted in all cases at the time of releasing payment/accrued and were deposited with Income Tax Authorities in time.

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2023

A. CONTINGENT LIABILITIES

1. Claims against the Entity not acknowledged as debts - ₹ 22.02 crore (Previous year ₹ 16.86 crore)

1.1 **Bulk Water supply:** As per the decision taken by the Government of Odisha (GoO) communicated by the Industries Department in October 2008, the supply of 3MLD water to IIT, Bhubaneswar was to be borne by the State government. However, a tri-patriate agreement was signed by the IIT on 27 October 2014 with the GoO and M/s Megha Engineering Infra Limited (MEIL), Hyderabad for supply of 5 MLD water in Public Private Partnership (PPP) mode. After the execution of the water supply project, MEIL served monthly water supply bills from 12 June 2018 for 5 MLD per month though no water was drawn by IIT. Up to March 2023, MEIL has claimed ₹ 22.02 crore on this account. The Institute contested the bills and approached the State Government to allow the IIT to make payment for bulk water supply as per its actual intake, which was agreed upon as an interim measure till the arbitration proceeding is finalized. This claim of MEIL has not been acknowledged by the IIT as debt. The matter is under arbitration.

1.2 In respect of:

- Bank guarantees are given by/on behalf of any Entity - ₹ NIL (Previous year ₹ NIL)
- Bills discounted with banks : ₹ NIL (Previous year ₹ NIL)

1.3 Disputed demands in respect of:

- Income-tax - ₹ NIL (Previous year ₹ NIL)
- GST- ₹ NIL (Previous year ₹ NIL)
- Municipal Taxes- ₹ NIL (Previous year ₹ NIL)

B. NOTES TO ACCOUNTS

1. GOVERNMENT GRANT

During the year 2022-23, the Institute released all its payments out of Govt grant under Treasury Single Account (TSA) through RBI, New Delhi.

Grants-in-aid of ₹170.92 crore was released by MoE during 2022-23 for meeting recurring expenses (₹110.09 crore), creation of capital assets (₹ 27.16 crore) and payment of HEFA loan principal and interest (₹33.67 crore) as indicated in table below. However, due to a technical glitch at RBI, capital grants for ₹1.49 crore (OH 35) and revenue grants for ₹2.78 crore (OH 36-Salaries) could not be paid and lapsed as the amount were not credited to vendor accounts by 31.3.2023 midnight.

Revenue grant of ₹93.92 crore i.e ₹110.09 crore less lapsed (₹2.78 crore) and deficit of 2021-22 (₹13.39 crore as on 31.3.2022) has been recognized as revenue income (Grants received) in the 'Income and Expenditure Account.' Against this, revenue expenses incurred during 2022-23 was ₹ 103.48 crore resulting in a deficit of ₹9.56 crore at the year end.

(₹ in crore)

Installment. No	Sanction Letter No. and Date	Grants sanctioned	Grants received	OH
1	F.No.27-4/2022-TS-1, Dated 23.04.2022	5,08,00,000.00	5,08,00,000.00	31
		5,39,00,000.00	5,39,00,000.00	36
		4,95,00,000.00	4,95,00,000.00	35
2	F.No.27-4/2022-TS-1, Dated 04.05.2022	4,93,00,000.00	4,93,00,000.00	31
		5,23,00,000.00	5,23,00,000.00	36

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2023 (Contd.)

Installment. No	Sanction Letter No. and Date	Grants sanctioned	Grants received	OH
3	F.No.27-4/2022-TS-1, Dated 07.06.2022	4,92,00,000.00	4,92,00,000.00	31
		5,24,00,000.00	5,24,00,000.00	36
4	F.No.27-4/2022-TS-1, Dated 18.07.2022	5,10,00,000.00	5,10,00,000.00	35
		5,23,00,000.00	5,23,00,000.00	31
		3,88,00,000.00	3,88,00,000.00	36
5	F.No.27-4/2022-TS-1, Dated 20.10.2022	2,70,00,000.00	2,70,00,000.00	35
6	F.No.27-4/2022-TS-1, Dated 08.08.2022	5,08,00,000.00	5,08,00,000.00	31
		3,77,00,000.00	3,77,00,000.00	36
7	F.No.27-4/2022-TS-1, Dated 01.09.2022	5,07,00,000.00	5,07,00,000.00	31
		3,76,00,000.00	3,76,00,000.00	36
8	F.No.27-4/2022-TS-1, Dated 22.09.2022	8,71,00,000.00	8,71,00,000.00	31
9	F.No.27-4/2022-TS-1, Dated 20.10.2022	2,11,00,000.00	2,11,00,000.00	31
		4,06,00,000.00	4,06,00,000.00	36
10	F.No.27-4/2022-TS-1, Dated 02.11.2022	2,05,00,000.00	2,05,00,000.00	31
		3,94,00,000.00	3,94,00,000.00	36
11	F.No.27-4/2022-TS-1, Dated 05.12.2022	2,06,00,000.00	2,06,00,000.00	31
		3,93,00,000.00	3,93,00,000.00	36
12	F.No.27-4/2022-TS-1, Dated 20.12.2022	2,25,00,000.00	2,25,00,000.00	35
13	F.No.27-4/2022-TS-1, Dated 24.01.2023	2,02,00,000.00	2,02,00,000.00	35
		3,30,00,000.00	3,30,00,000.00	31
		3,78,00,000.00	3,78,00,000.00	36
14	F.No.27-4/2022-TS-1, Dated 03.02.2023	3,21,00,000.00	3,21,00,000.00	31
		3,68,00,000.00	3,68,00,000.00	36
15	F.No.27-4/2022-TS-1, Dated 23.02.2023	10,14,00,000.00	10,14,00,000.00	35
		2,01,00,000.00	2,01,00,000.00	31
16	F.No.27-4/2022-TS-1, Dated 03.03.2023	3,68,00,000.00	3,68,00,000.00	36
		3,21,00,000.00	3,21,00,000.00	31
17	F.No.27-4/2022-TS-1, Dated 30.03.2023	2,78,00,000.00	2,78,00,000.00	36
GIA sanctioned		137,25,00,000.00	137,25,00,000.00	31,35,36
1st HEFA Loan Interest	F.No.27-3/2022-TS-1 Dated 20.04.2022	2,35,11,299.00	2,35,11,299.00	31 HEFA
2nd HEFA Loan Interest	F.No.27-3/2022-TS-1 Dated 26.07.2022	3,24,98,027.00	3,24,98,027.00	31 HEFA
3rd HEFA Loan Interest	F.No.27-3/2022-TS-1 Dated 17.10.2022	3,77,04,843.00	3,77,04,843.00	31 HEFA
4th HEFA Loan Interest	F.No.27-3/2022-TS-1 Dated 17.01.2023	3,67,43,399.00	3,67,43,399.00	31 HEFA
1st HEFA Loan Principal	F.No.27-3/2022-TS-1 (pt.2)Dated 29.09.2022	10,31,25,000.00	10,31,25,000.00	31-HEFA
2nd HEFA Loan Principal	F.No.27-3/2022-TS-1 Dated 17.03.2023	10,31,25,000.00	10,31,25,000.00	31-HEFA
GIA Sanctioned For HEFA interest and principal repayment		33,67,07,568.00	33,67,07,568.00	31 HEFA
Total GIA sanctioned		170,92,07,568.00	170,92,07,568.00	

Against net availability of ₹ 26.04 crore during 2022-23 (unspent capital grants of ₹ 0.37 crore available as on 31st March 2022, the release of ₹ 27.16 crore less ₹ 1.49 crore lapsed), ₹ 26.30 crore was utilised during 2022-23 and the amount utilised has been added to the Capital Fund. Deficit MoE Grants (Capital) of ₹ 0.26 crore has been shown under 'Current Assets' as grant receivable from MoE pending adjustment on receipt of MoE grant for 2023-24.

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2023 (Contd.)

Similarly, the deficit in revenue grant (₹9.56 crore) during 2022-23 due to less release and lapse of grants at the year-end has been shown as 'Receivable from MoE' under 'Current Assets'. Entire grant of ₹33.67 crore released for payment of HEFA principal and interest has already been utilised.

2. ENDOWMENT FUND

Interest earned on investments of the Endowment Fund are added to each of the Endowment Fund concerned.

3. CORPUS FUND

During the year 2022-23, an amount of ₹33.95 crore being interest of ₹7.94 crore received during the year on investment of Corpus Fund, and ₹ 26.01 crore being internal income on account of tuition and other fee collected from students ₹24.85 Crore, R&D overhead of ₹1.16 Crore (after payment of ₹6.88 crore towards repayment of HEFA loan principal, ₹ 0.79 crore towards expenditure incurred on Kendriya Vidyalaya, IIT, Bhubaneswar and ₹0.49 crore being interest subvention under Vidylaxmi scheme out of IRG) was transferred to Corpus Fund as per the decision taken by the Board of Governors (BoG). Total balance in corpus fund as on 31.03.2023 increase to ₹ 200.48 Crore

4. FIXED ASSETS AND DEPRECIATION

4.1 Land: Out of 943.491 acres of land allotted by the Government of Odisha to this Institute, advance possession of 618.665 acres (non-forest land) has been taken by the Institute while conversion of forest land of 302.377 acres is under process. The amount shown under land is the expenditure incurred on applying for conversion of forest land and other related expenses. The lease for 618.665 acres of Govt land has already been sanctioned by the Government of Odisha in January 2022 and execution of the lease deed for the same is under process. An amount of ₹ 29.46 lakh has been paid to the State Government towards the cost of trees. This has been charged to Land while nominal annual lease rent (₹75 per acre plus cess thereon) has been charged to 'Revenue expenses.'

4.2 Depreciation: Depreciation on fixed assets is provided on Straight Line Method. Depreciation is provided for the whole year on additions during the year. Depreciation has not been charged on SRIC Assets (Project) since those are not owned by the Institute and are subject to transfer to the sponsors after the closure of the project if occasion so arises.

4.3 Assets costing ₹ 2,000 or lesser written off during the year.

4.4 Fixed Assets created out of SRIC / R&D fund: Details of Assets created out of SRIC/ R&D fund are given below:

DESCRIPTION	GROSS BLOCK			
	Cost/ Valuation as at the beginning of the year	Additions during the year	Deductions during the year	Cost/ Valuation as at the End 31.03.2023
	01.04.2022	2022-23	2022-23	31.03.2023
1 PLANT MACHINERY & EQUIPMENT	33,25,46,172.27	4,05,26,119.00	0	37,30,72,291.27
2 FURNITURE & FIXTURES :	31,80,963.00	1,88,366.00	0	33,69,329.00
3 OFFICE EQUIPMENT :	3,58,044.00	12,500.00	0	3,70,544.00
4 COMPUTER/PERIPHERAL :	4,56,96,656.46	1,09,52,059.00	0	5,66,48,715.46
5 COMPUTER SOFTWARE	-	7,08,000.00	0	7,08,000.00
TOTAL OF CURRENT YEAR	38,17,81,835.73	5,23,87,044.00	0.00	43,41,68,879.73

4.5 Impairment of fixed assets in Cyclone FANI: Cyclone FANI which hit the State on 3 May 2019, caused severe damage to the assets of the Institute. Damage to the assets were later rectified/repared except for Solar PV System. The Solar PV system commissioned in May 2018 and capitalized during 2018-19 at

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE-24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2023 (Contd.)

₹ 2,48,56,720 (₹1.89 crore already paid) was severely damaged in cyclone FANI on 3 May 2019 and is not in operational condition since then. Salvaged value of assets as reported by the Engineering Section, was approximately ₹ 65 lakh. An amount of ₹31,07,090 has already been recovered from the agency by way of encashment of PBG 2 during August 2019 and a claim for ₹10.49 crore (including loss of solar energy generation) was made. As the asset was not in use during the entire year 2022-23, no depreciation has been provided. Asset value has not been reduced as the matter of rectification of the system at the risk and cost of the agency remains under correspondence. As the asset is not in operational condition for the last three years, so provision for impairment loss (₹1,83,56,720) has been provided in the Annual accounts 2022-23 as per the provisions of AS 28.

5. **HEFA loan:** During the year 2022-23, loan of ₹ 94.10 crore was availed by the Institute for payment to NBCC out of ₹275 crore sanctioned during July 2018 and a cumulative loan availed up to 31st March 2023 was ₹ 274.67 crore. As per the Gol Guidelines, the entire interest and 75 percent of principal repayment is to be borne by MoE (MHRD) and 25 percent of principal repayment is to be paid by the Institute out of its own revenue generation. During the year ₹27.50 crore was repaid to HEFA (MoE grant-₹20.625 crore and Institute share-₹6.875 crore). However, interest for the quarter ended 31st March 2023 accrued during the year ₹3.52 crore) as demanded by HEFA in April 2023, was received from MoE and paid during said month. This has been accounted for as expenses for 2022-23. During Feb 2023, at the recommendation of MoE, HEFA has sanctioned the remaining loan of ₹240 crore and the agreement for the same was executed on 16th May 2023.
6. **Concessional rate of GST for construction works:** Vide order dated 15th March 2022, the Odisha State Appellate Authority for Advance Ruling (received by NBCC on 29.4.2022) ruled that the concessional rate of GST at 12 percent would be applicable for IIT project with retrospective effect from 1st July 2017. IIT has instructed NBCC to claim for the refund of excess GST paid from 1st July 2017 to 31st December 2021 and credit the same to the IIT project account. NBCC has issued a credit note for a refund of such excess tax of ₹21.34 crore which has been accounted for by the Institute during December 2022 and the fact was intimated to NBCC. This credit note has been accounted for under the proper head.
7. **Employee benefit:** All employees of this Institution (excepting one on lien from IIT, Madras) are covered under New Pension Scheme /National Pension System (NPS) as on 31st March 2023. However, the Ministry of Education has intimated (January 2022 and March 2022, December 2022) that the employees of IITs covered under NPS are eligible for the benefit of gratuity under the provisions of the 'Payment of Gratuity Act 1971'. As one employee of this Institute retired on superannuation on 31.12.2022 and payment of gratuity is due to him, so necessary provision has been made in the accounts for this purpose.
Besides, on a reference made by the Institute based on observations of CAG Audit for the creation of a leave encashment fund as per AS 15, MoE clarified that such expenses are permissible to be met out of grants-in-aid released to the Institute and so same is being utilized from Government Grant.
Thus, no provision based on actuarial valuation as per Accounting Standard 15 has been made for leave encashment/gratuity, as the same is not required to be kept.
8. **Donations received:** During the year, donation of ₹50 lakh has been received for creating an Endowment Fund to pay awards to the best PhD scholars.
9. **Fund under Corporate Social Responsibility:** Fund of ₹30.25 lakh has been received from two private companies under Corporate Social Responsibility during the year.
10. **Related Party Disclosure:** No such case.

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SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

Balance Sheet as at 31st March 2023 (Contd.)

LIABILITIES	Previous Year	Current Year	(Amount in ₹)
Capital Grant against Project Assets	38,17,77,841.73	5,23,87,044.00	43,41,64,885.73
Sponsored Research Project	33,50,34,914.52	4,86,96,423.00	38,37,31,337.52
Asset R&D	16,16,825.00	2,23,866.00	18,40,691.00
Seed Money Project	4,51,26,102.21	34,66,755.00	4,85,92,857.21
Current Liability:-			
A. Unspent Project Balance			
Sponsored Research Project {Sch - 3A (1)}	22,16,59,828.56	(4,13,88,172.48)	18,02,71,656.08
Sponsored Consultancy Receipt {Sch - 3A (2)}	4,27,94,000.90	83,34,959.36	5,11,28,960.26
Seed Money Grant {Sch - 3A (3)}	1,33,34,460.34	(56,10,305.00)	77,24,155.34
Sponsored Fellowship {Sch - 3(B)}	57,98,764.00	(25,63,112.00)	32,35,652.00
B. Interest Received From Bank			
Bank Interest	4,06,09,164.76	(16,77,501.89)	3,89,31,662.87
Accrued Interest	7,54,74,448.11	1,91,01,930.00	9,45,76,378.11
Tender fee	4,55,000.00	-	4,55,000.00
PDF Application Fees	14,250.00	10,750.00	25,000.00
C. Other Liabilities:			
Demmrage Charges & Amendment Charges	1,399.00	-	1,399.00
Grant to Spoke Institute (DIC)	49,50,000.00	-	49,50,000.00
Other Liabilities	17,02,986.00	4,70,254.25	21,73,240.25
Sundry Creditor	3,51,70,749.89	24,64,636.26	3,76,35,386.15
Stale Cheque	7,65,316.64	(54,399.00)	7,10,917.64
Liquidated Damages	41,48,718.89	(5,42,775.00)	36,05,943.89
Performance Bank Gurantee (PBG)	21,81,851.00	4,96,536.00	26,78,387.00
Duty & Tax	6,04,519.09	(6,04,519.09)	-
Institute Overhead	1,11,42,751.47	4,09,166.70	1,15,51,918.17
School Development Fund	1,50,55,126.00	22,36,412.00	1,72,91,538.00
Faculty Development Fund	74,61,634.00	15,73,375.00	90,35,009.00
Earnest Money Deposit (EMD)	8,37,286.18	(2,20,000.00)	6,17,286.18
Workshop	23,103.00	1,61,260.70	1,84,363.70
Security Deposit	-	1,34,119.00	1,34,119.00
TOTAL LIABILITIES	86,59,63,199.56		90,10,82,858.37

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SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

Balance Sheet as at 31st March 2023 (Contd.)

ASSETS	Opening	Addition/ Modification	(Amount in ₹)
Fixed Assets:	38,17,81,835.73	5,23,87,044.00	43,41,68,879.73
Equipement	33,25,46,172.27	4,05,26,119.00	37,30,72,291.27
Asset in Transit	-	-	-
Office Equipement	3,58,044.00	12,500.00	3,70,544.00
Workstation/Computer	4,03,88,246.46	1,09,52,059.00	5,13,40,305.46
Furniture & Fixture	31,80,963.00	1,88,366.00	33,69,329.00
Acessories	5,23,708.00	-	5,23,708.00
Software	47,84,702.00	7,08,000.00	54,92,702.00
Current Assets:			
Advance	17,78,984.80	5,34,063.00	23,13,047.80
Grant to Spoke Institute	49,50,000.00	-	49,50,000.00
Debtors	17,68,932.17	44,08,658.93	61,77,591.10
Tax Deducted at Source (TDS)	63,26,408.00	26,65,334.44	89,91,742.44
Goods & Service Tax (TDS)	3,03,329.00	-3,03,329.00	-
Term Deposit	43,84,92,851.00	18,34,194.88	44,03,27,045.88
Bank A/c:	3,05,60,858.86		41,54,551.42
SBI A/c-20054905156		42,26,729.52	
Syndicate Bank A/c-800721600000022		22,325.20	
SBI A/c No. 35052867155		1,03,801.00	
SBI A/c No. 38605214766		-4,404.30	
BOM A/c No. 60420734797		-97,000.00	
BOM A/c No. 60422783846		-96,900.00	
Canara Bank A/c No-110061428613		-	
HDFC A/c No. 50100496964969		-	
TOTAL ASSETS	86,59,63,199.56		90,10,82,858.37

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

INCOME & EXPENDITURE A/C FOR THE FINANCIAL YEAR 2022-23

INCOME		(Amount in ₹)
Add: Receipt during the year		
Consultancy Project		2,79,70,012.00
Sponsored Research Project	12,48,25,298.54	
Less : Refund	1,39,75,821.54	11,08,49,477.00
Sponsored Fellowship		71,42,134.00
Seed Grant		56,10,305.00
Institute Overheads		1,90,63,797.17
CEP Grant Receipt		4,50,000.00
TOTAL		17,10,85,725.17
EXPENDITURE		(Amount in ₹)
Salary to JRF/SRF and project Assistant		3,83,99,608.00
Consumables		1,49,91,515.00
Contingencies		46,54,181.50
Recurring Expenses		15,67,485.00
Travel Expenses		38,01,849.50
Consultancy Fees & Honorarium		2,55,31,030.00
Meeting & Workshop Expenses		1,53,582.00
Institute Corpus Fund		1,15,51,918.17
Fellowship		71,42,134.00
Sample Preparation & Testing		14,868.00
Operation & Maintenance		5,449.00
Outsourcing Facility		2,53,889.00
R&D Recurring Expenses		25,22,063.00
Fee for Intellectual Assets		6,18,000.00
Fabrication & Other Cost		7,81,441.00
Startup & IPR Expenses		47,780.00
Faculty Development Fund		19,06,380.00
School Development Fund		28,59,570.00
Scientific & Social Responsibility		1,64,709.00
Research Grant		12,81,229.00
CEP Grant Payment		4,50,000.00
Non Recurring Expenditure:-		
Equipment		4,05,26,119.00
Office Equipment		12,500.00
Work Station and computer		1,09,52,059.00
Furniture & Fixture		1,88,366.00
Software		7,08,000.00
TOTAL PAYMENT		17,10,85,725.17

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

STATEMENT OF RECEIPT & PAYMENTS FOR THE FINANCIAL YEAR 2022-23

RECEIPTS		(Amount in ₹)	PAYMENTS		(Amount in ₹)
Opening Bank Balance		3,05,60,858.86	FOR REVENUE EXPENSES		
Add: Receipt during the year			Interest Paid		27,78,416.60
Consultancy Project		3,63,04,971.36	Deposits		18,34,194.88
Sponsored Research Project	8,34,37,126.06		Loan & advances		5,34,063.00
Less : Refund	1,39,75,821.54	6,94,61,304.52	Debtor		44,08,658.93
Sponsored Fellowship		45,79,022.00	Income Tax TDS		26,65,334.44
Institute Overheads		1,90,63,797.17	Salary to JRF/SRF and project Assistant		3,83,99,608.00
Goods & Service Tax (GST)		1,08,50,096.04	Contingencies		46,54,181.50
Goods & Service Tax (GST) TDS		3,03,329.00	Recurring Expenses		15,67,485.00
Performance Bank Gurantee (PBG)		4,96,536.00	Fellowship		71,42,134.00
Other Current Liability		4,70,254.25	Acqiation of fixed assets:-		
Sundry Creditors		24,64,636.26	Equipment		4,05,26,119.00
Security Deposit		1,34,119.00	Office Equipment		12,500.00
PDF Application Fees		10,750.00	Furniture & Fixture		1,88,366.00
WorkShop		1,61,260.70	Software		7,08,000.00
Bank Interest		11,00,914.71	Sample Preparation & Testing		14,868.00
Interest on TDR		1,91,01,930.00	Operation & Maintenance		5,449.00
CEP Grant Receipt		4,50,000.00	Outsourcing Facility		2,53,889.00
			R&D Recurring Expenses		25,22,063.00
			Fee for Intellectual Assets		6,18,000.00
			Startup & IPR Expenses		47,780.00
			Duty & Taxes		5,56,856.00
			Good and Service Tax		1,08,97,759.13
			Stale Cheque		54,399.00
			Depreciation		
			Sundry Creditors		
			Other Current Liability		
			Liquidated Damages		5,42,775.00
			Faculty Development Fund		6,23,158.00
			School Development Fund		3,33,005.00
			Bank Interest		
			Scientific & Social Responsibility		1,64,709.00
			Research Grant		12,81,229.00
			Earnest Money Deposit (EMD)		2,20,000.00
			CEP Grant Payment		4,50,000.00
			Closing Bank Balance :-		
			SBI A/c-20054905156	42,26,729.52	
			Syndicate Bank A/c-800721600000022	22,325.20	
			SBI A/c No. 35052867155	1,03,801.00	
			SBI A/c No. 38605214766	(4,404.30)	
			BOM A/c No. 60420734797	(97,000.00)	
			BOM A/c No. 60422783846	(96,900.00)	
			Canara Bank A/c No-110061428613	-	
			HDFC A/c No. 50100496964969	-	41,54,551.42
TOTAL RECEIPT		19,55,13,779.87	TOTAL PAYMENT		19,55,13,779.87

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 1 SPONSORED PROJECT

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
1	Synthesis and study of thermoelectric properties of Half - Heusler Alloys with non - trivial topological order	BRNS		28,649.00		(28,649.00)			28,649.00
2	Center of Excellence for Novel Energy Materials (CENEMA)	MHRD	1,02,06,709.00	-	-	1,02,06,709.00	4,48,343.00	97,58,366.00	
3	Validity of Quasi - static Approximation in Magneto hydrodynamic Flows and Heat transfer - A numerical study.	CSIR	16,571.00			16,571.00		16,571.00	
4	Re-engineering of walking type reaper binder	DA&FP	8,92,899.00	-	-	8,92,899.00	-	8,92,899.00	
5	Design, Synthesis and biological evaluation of novel Ftisz inhibitors a potential anti tubercular agents	DBT	3,390.00	-	-	3,390.00		3,390.00	
6	"CFD Modelling of 76mm Naval Gun Projectile Motion in Aid of Range enhancement"	DRDO	89,753.00			89,753.00		89,753.00	
7	Influence of osmolytes on the structure, dynamics and hydrogen bond properties of water in aqueous solution and other aqueous binary mixtures at different thermodynamic conditions	DST	3,000.00			3,000.00		3,000.00	
8	Catalytic activity of endothelial nitric synthase-a probe into the molecular basis of its electron transfer limitation	DST	91,128.00	-	-	91,128.00		91,128.00	
9	Hydraulics of submerged structures subjected to shallow submergence	DST	6,168.00	-	-	6,168.00		6,168.00	
10	Decoupled LTI and periodic compensation of Quadruple - Tank process: Experimental studies.	DST	-	1,49,415.00		(1,49,415.00)		-	1,49,415.00
11	Enhancement of Bandwidth of planar Antennas using Electromagnetic Bandgap Structures	DST	-	-	-	-		-	-
12	Investigation on the field and laboratory corrosion behaviour of steel in structural concretes	DST	1,23,163.00	-	-	1,23,163.00		1,23,163.00	
13	Robust Nonlinear Channel Equalization and Identification using Bio-inspired techniques.	DST	1,20,003.00	-	-	1,20,003.00		1,20,003.00	
14	Asymmetric synthesis of embellished carbocycles from carbohydrates via intramolecular 1,3 Dipolar cycloaddition reaction. studies towards total synthesis of naplanosine F.	DST	4.00			4.00		4.00	
15	Novel Hyperute Al-si-rmg alloys for automotive applications	DST	8,070.00	-	-	8,070.00		8,070.00	
16	National Initiative for Design Innovation	MHRD	17,03,083.00	-	-	17,03,083.00	19,35,179.00	-	2,32,096.00
17	Investigations of Aerosol Outflow from Indo Gangetic Plain	ISRO	23,43,158.00	-	-	23,43,158.00	16,84,137.00	6,59,021.00	
18	Synthesis, Characterisation and development of red mud-fly ash based geopolymers concrete	NALCO	6,56,000.00	-	-	6,56,000.00	1,90,233.00	4,65,767.00	
19	Analysis & Design of acoustic absorber linings for underwater application	NPOL	1,22,930.00	-	-	1,22,930.00		1,22,930.00	
20	Intramolecular 1,3-dipolar cycloaddition of nitrile oxide to embellished bicyclo[2.2.2] octenones and its derivatives: studies on the synthesis of isotwistane framework of pupukeananes	Utkal University	23.00	-	-	23.00		23.00	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance	
			Credit	Debit				Credit	Debit
			3	4				8	9
21	Study on the development of ultra-sensitive optical fiber accelerometer based on Fiber Bragg grating (FBG) written Traped Thin-Core Fiber	RCI	25,750.00	-	-	25,750.00	-	25,750.00	-
22	Optimization HIP process conditions for 9Cr and 18Cr ODS steel powder	UGC-DAE	79,819.00	-	-	79,819.00	-	79,819.00	-
23	"Southampton & National Oceanography centre IIT Bhubaneswar UMass Dartmouth- Earth, Ocean& climate Science"	UKIERI	1,56,297.00	-	-	1,56,297.00	-	1,56,297.00	-
24	Neutron Diffraction studies of fields induced magnetic transmission in Er5si3	UGC-DAE	12,719.00	-	-	12,719.00	-	12,719.00	-
25	Special Manpower Development Program for Chips to System Design (SMDP-C2SD)	DEITY	-	-	-	-	-	-	-
26	Solar Powered DC System for Domestic Electrification and Rural Application	OREDA	-	-	-	-	-	-	-
27	Design and implementation of MIMO based transceiver for emergency applications	DST	2,88,551.00	-	-	2,88,551.00	-	2,88,551.00	-
28	Development of Higher Order Compact Scheme to capture Taylor column phenomena in rotating fluids	DST	-	89,459.00	-	(89,459.00)	-	-	89,459.00
29	Pool Boiling Crisis on Porous Coated Surface: An Experimental Study and Model Development	DST	1,69,686.00	-	-	1,69,686.00	-	1,69,686.00	-
30	Quantifying the impact of urbanisation and climate change on the microclimate of Bhubaneswar	DST UKIERI	2,38,407.00	-	-	2,38,407.00	-	2,38,407.00	-
31	Project Liability		(72,807.00)	-	-	(72,807.00)	-	(72,807.00)	-
32	Establishment of Innovation-cum-Incubation Centre at IIT Bhubaneswar	Planning & Coordination Dept. Odisha	7,75,527.00	-	-	7,75,527.00	-	7,75,527.00	-
33	Visveswaraya PHD Scheme	Deity	48,184.00	-	46,684.00	94,868.00	11,233.00	83,635.00	-
34	Simulation of coastall circulation on North-West Bay of Bengal	DST	-	23,125.00	-	(23,125.00)	1,615.00	-	24,740.00
35	Development of Deep Hole Drilling Technique for Measurement of Residual Stresses and its Validation	BRNS	30,209.00	-	-	30,209.00	-	30,209.00	-
36	Fabrication and characterisation of CVD diamond detectors for plasma diagnostics in nuclear fusion reactors	BRNS	90,706.00	-	-	90,706.00	-	90,706.00	-
37	Modelling of Chemical Vapour Infiltration (CVI) process for Fabrication of Carbon Reinforced Carbon Matrix Composites	DRDO	1,70,616.00	-	-	1,70,616.00	-	1,70,616.00	-
38	A bound-state electronic structure theory approach to investigate the electron detachment initiated by light	DST	-	1,235.72	1,235.72	-	-	-	-

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Closing Balance	
			Credit	Debit			Credit	Debit
1	2	3	4	5	6	7	8	9
39	Study of the effects of Climate Change on Hydro-meteorological processes: Droughts and Floods at Different Spatial and Temporal Scales in Eastern India	DST	6,55,156.00	-	-	6,55,156.00	6,55,156.00	-
40	Rice mill wastewater treatment and bio-electricity generation in low cost microbial fuel cell employing ceramic separator	DST	30,113.00	-	-	30,113.00	30,113.00	0
41	Development of enhanced hydrophobic tube bundle with low pressure drop for two phase shell and tube heat exchanger	DST	-	3,94,643.00	-	(3,94,643.00)	-	3,94,643.00
42	Bioelectricity recovery during treatment of kitchen waste in combined leach bed reactor and low cost microbial fuel cell	DST	42,237.00	-	-	42,237.00	42,237.00	-
43	Greywater treatment and reuse by combined sequencing batch reactor and solar photocatalytic reactor	DST	-	1,53,940.00	-	(1,53,940.00)	-	1,53,940.00
44	Droplet impact and splashing on oblique surface	DST	-	-	-	-	-	-
45	"Impact of disaster risk reduction activities on livelihood patterns, community resilience and socioeconomic vulnerability in coastal districts of Odisha: A case study "	ICSSR	64,016.00	-	-	64,016.00	64,016.00	-
46	Driver behavior modelling for autonomous driving	KPIT Technology Ltd	11,607.00	-	-	11,607.00	11,607.00	-
47	Atomic Scale Aluminium as Interconnects in Electronic devices	NALCO	21,99,306.00	-	-	21,99,306.00	14,86,852.00	-
48	Process for development of new applications of Aluminium based Materials in Solar light, solar roof sheets and in Battery having Superior Thermal and Electronic Properties	NALCO	20,97,080.00	-	-	20,97,080.00	14,51,397.00	6,45,683.00
49	Dissimilar joining of Al with Ti and steel using friction stir welding	Naval Materials Research Laboratory (NMRL)	17,088.00	-	-	17,088.00	17,088.00	-
50	Structural studies on the interaction of hc5a with the N-terminus peptides of C5aR and C5L2 receptor	DST	18.00	-	-	18.00	18.00	-
51	Design and Development of Optical Microfiber based Acoustic Sensors for Under/ Over Water Applications	DST	1,00,668.18	-	-	1,00,668.18	1,00,668.18	-
52	Role of cloud physics and dynamics on lifecycle of monsoon low pressure using high resolution observation and modeling	DST	-	-	-	-	-	-
53	Optimization Of Silos, Bins And Hoppers Designs Through Modelling, Primarily Intended For Iron Ore Storage	UAY of MHRD & NMDC	6,62,485.00	-	-	6,62,485.00	4,00,216.00	2,62,269.00
54	Magnetic properties of self-assembled bivalent, trivalent and mixed-valent [2x2] transition metal grids	UGC-DAE	2,46,600.00	-	-	2,46,600.00	2,46,600.00	-

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance	
			Credit	Debit				Credit	Debit
			3	4				8	9
1									
55	Design development of light weight wearable wireless acoustic wave sensor array based audio-visual digital stethoscope device	DST	3,55,969.00	-		3,55,969.00		3,55,969.00	
56	Design and Development of Affordable and Movable Solar Photovoltaic (SPV) Water Pumping System	DA&FP	3,43,971.00	-		3,43,971.00	1,33,399.00	2,10,572.00	-
57	Synthesis of some natural marine pyrrole alkaloids and molecules inspired from them for multi-drug resistance (MDR) Cancer Cells	CSIR	-	6,420.00	6,420.00	-	-	-	-
58	Design and analysis of reactor for catalytic co-pyrolysis of biomass and plastic: A treatment technique for mixed solid waste	DST	-	2,47,515.00		-	-	-	2,47,515.00
59	Growth and characterization of semiconductor graphene hybrid nanosheets for sola cell applications	DST	-	33,329.00		(33,329.00)			33,329.00
60	Measures for Improving the Attractiveness of Pedestrian Facility Accessing Urban Local Bus Stops	MHRD	6,85,661.74	-		6,85,661.74	6,85,661.74	-	-
61	UI-ASSIST: US-India collaborative for smart distribution system with storage	IUSSTF	1,12,61,454.00	-		1,12,61,454.00	80,59,187.00	32,02,267.00	
62	Design and study of Nano and micro displacement sensor based on Photonic Crystal Fiber modal interferometer	ISRO	4,29,700.00	-		4,29,700.00	3,36,979.00	92,721.00	
63	Detection of lighting phenomena and associated process and its now casting	ISRO	56,832.00	-		56,832.00	56,822.00	10.00	
64	Treatment for domestic wastewater using microphyte assisted vermicfiltration system	MHRD	1,656.00	-		1,656.00		1,656.00	
65	UK India clean energy research institute (UKICERI)	MHRD	2,25,893.00	-		2,25,893.00	2,83,756.00	-	57,863.00
66	Impact Assessment of climate change on Hydrometeorological processes and water resources of Mahanadi river basin	DST	32,383.00	-		32,383.00		32,383.00	
67	Materials and related storage devices for grid-deprived communities	DST	799.00	-		799.00		799.00	
68	Investigation on quantification and prevention of high residual stresses and hydrogen assisted cracking in creep strength enhanced ferritic steel welds for low pollution ultra supercritical power plant applications	DST	4,77,943.00	-		4,77,943.00		4,77,943.00	
69	Value added Electrochemical Devices from Zircon Obtained from Beach Sands of Odisha	DST	-	10,270.00		-	-	-	10,270.00
70	Performance Improvement of Steam Generator through the Enhanced Hydrophobic Surface	CPRI	53,224.40			53,224.40		53,224.40	

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance	
			Credit	Debit				Credit	Debit
			3	4				8	9
71	Assessment and improvement of rainfall forecast skills over the state of Odisha with special reference to Mahanadi and Brahmani-Baitarani river system	CSIR	2,08,016.00	-	-	2,08,016.00	2,08,016.00	-	-
72	Development of dppz Based Mononuclear Complexes of Iridium and Gold as P'tential Luminescent Probe and Anticancer Agent	CSIR	-	1,19,750.00	2,20,820.00	1,01,070.00	1,01,070.00	-	-
73	Design and Development of Co-axial Synthetic Jet for Electronics Cooling	DST	-	-	-	-	-	-	-
74	ION induced modification of the nanostructured materials and tuning of surface wetting property	DST	5,28,595.00	-	-	5,28,595.00	-	5,28,595.00	-
75	Minimization of Storage Requirements in Renewable Rich Smart Microgrid through Coordinated Control of Resources	DST	-	74,358.00	-	-	-	-	74,358.00
76	Independence polynomials of graphs and associated fractals	DST	48,351.00	-	-	48,351.00	48,351.00	-	-
77	Impact of changing aerosol loading and urbanization on surface temperature and rainfall over select cities over India	DST	15,11,249.00	-	-	15,11,249.00	15,11,249.00	-	-
78	FIST Programme - SMS	DST	24,45,430.00	-	-	24,45,430.00	1,20,000.00	23,25,430.00	-
79	FIST Programme - SES	DST	41,69,688.00	-	-	41,69,688.00	24,89,824.00	16,79,864.00	-
80	Light weight, Reconfigurable Cognitive Radio Platform for M2M and IoT applications	DST - IMPRINT	15,56,295.00	-	-	15,56,295.00	10,38,514.00	5,17,781.00	-
81	Quality control of HF Radar surface currents for investigation of sub-mesoscale coastal processes and its use for assimilation in the INCOIS model	INCOIS	-	55,034.00	-	(55,034.00)	-	-	55,034.00
82	Development of a three dimensional unsteady, compressible flow solver (based on LES methodology) to optimize shape of a launch vehicle for reducing aerodynamic drag and flow induced acoustic noise at transonic Mach numbers	ISRO	-	11,552.00	-	-	-	-	11,552.00
83	Low temperature electro refining process for production of high purity aluminium (4N and above)	NALCO	62,837.00	-	6,23,925.00	6,86,762.00	4,98,663.00	1,88,099.00	-
84	Improving damping capacity of cast Nickel aluminium Bronze (NAB) alloys	NRB, DRDO	3,46,819.26	-	-	3,46,819.26	-	3,46,819.26	-
85	Stress Corrosion Cracking (SSC) evaluation of Materials for Naval application: New insights from Double Cantilever Beam (DCB) technique	NRB, DRDO	2,94,077.00	-	-	2,94,077.00	-	2,94,077.00	-
86	Spectra of multidigraphs and their applications to complex networks	DST	-	-	-	-	-	-	-
87	Hub & Spoke Consortia for e2W and e3W Electric Drives – Design, Development and Prototyping of Advanced IM and Synchronous Reluctance Drives and Vehicle Integration for e2W and e3W Applications	NFTDC	2,99,201.00	-	-	2,99,201.00	-	2,99,201.00	-

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
1	2		3	4	5	6	7	8	9	
88	Development of Metal Matrix Nano-Composites using selective Laser Melting process	DST	30,04,227.00	-	-	30,04,227.00	-	30,04,227.00	-	
89	Impact of Lysine acetylation in Hsp 16.3 on its structure, chaperone function and the growth, survival as well as pathogenesis of Mycobacterium tuberculosis	DST	-	44,593.00	-	-	-	-	-	44,593.00
90	Online Corrosion Monitoring in naval structures	NRB, DRDO	1,43,625.00	-	-	1,43,625.00	69,048.00	74,577.00	-	
91	Development of Cost Effective process and known for production of Al-Mg alloys of enhanced mechanical properties, incorporating graphen/grapheme oxide, suitable for automobile application	NALCO	-	3,48,844.00	33,33,650.00	29,84,806.00	14,81,297.00	15,03,509.00	-	
92	Development of continuous gradient Functionally Graded Materials (FGMs) by using gravity die casting under Teachers Associateship for Research Excellence (TARE)	DST	3,08,753.00	-	-	3,08,753.00	47,315.00	2,61,438.00	-	
93	Design and Development of Hybrid "PCM-Synthetic Jet" based Heat Sink for Electronic Cooling	DST	1,29,695.40	-	5,50,000.00	6,79,695.40	6,79,697.40	(2.00)	-	
94	Effect of laser shock peening on the fatigue behavior of Nitinol shape memory alloy	DST	3,81,176.00	-	5,50,000.00	9,31,176.00	6,87,343.00	2,43,833.00	-	
95	Dynamic Analysis and Design of Dynamically Balanced Gait Controller for Lower Limb Exoskeleton	DST	3,13,106.00	-	3,50,000.00	6,63,106.00	5,74,847.00	88,259.00	-	
96	Development of Heterodimetallic Complexes and their Theranostic and Catalytic Aspects	DST	3,23,384.00	-	2,50,000.00	5,73,384.00	5,73,384.00	-	-	
97	Smart Grid Security Control Using Nature-Inspired Decentralised Cooperative Metaheuristic Strategies	DST	18,221.00	-	-	18,221.00	-	18,221.00	-	
98	Development of long-term high resolution Land Use Land Cover (LULC) data for Bhubaneswar peri-urban & rural areas and future projection	DST	29,01,139.00	-	-	29,01,139.00	14,55,965.00	14,45,174.00	-	
99	Development of stand-alone, cost effective conversion coatings for Magnesium alloys	UAY MHRD	8,88,246.00	-	-	8,88,246.00	1,45,950.00	7,42,296.00	-	
100	Evaluation and development of hyperlocal forecasting systems for smart city bhubaneswar and neighbourhood regions	DST	-	45,819.00	-	-	-	-	-	45,819.00
101	Urban Modelling: Development of multi-sectorial simulation lab and science based decision support framework to address urban environment issues	CDAC Under Meity	22,98,617.00	-	4,24,800.00	27,23,417.00	28,29,945.00	-	-	1,06,528.00
102	Design and Development of tools for detection and prevention of cyber-attacks in Smart Grid Energy Management Systems (EMS)	CPRI	19,42,293.00	-	-	19,42,293.00	2,48,370.00	16,93,923.00	-	
103	Urban Flood Modelling - A Web-based Decision Tool Integrating UAV Based Information	DST	1,38,227.00	-	-	1,38,227.00	97,986.00	40,241.00	-	

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
104	A Novel fluorescence-based assay for rapid detection and quantification of Exosomes	DST	2,73,742.00	-	-	2,73,742.00	2,73,742.00	-	-
105	Development of heat transfer enhancement methods at boiling and evaporation on horizontal tube bundles for falling films and forced flow of liquids	DST	9,39,489.40	-	-	9,39,489.40	9,39,489.40	-	-
106	Centre for H2 Solutions - Materials Energy Systems (H2 - M & ES)	DST-NFTDC	6,31,235.00	-	-	6,31,235.00	2,48,118.00	3,83,117.00	-
107	Mechanical behaviour of additively manufactured hierarchical micro-architected metamaterials and composites for structural and functional applications	DST	19,50,432.00	-	-	19,50,432.00	18,80,770.00	69,662.00	-
108	Improved surface hardness of bus body panels: A simple route by shot peening	NALCO	32,368.00	-	9,62,438.00	9,94,806.00	3,50,666.00	6,44,140.00	-
109	Single chip test set for portable 5G network analyzers	DST	20,40,720.00	-	11,46,319.00	31,87,039.00	31,87,039.00	-	-
110	Development of Aluminium-based Materials for Energy Storage Application-Supercapacitor	NALCO	1,86,446.00	-	-	1,86,446.00	-	1,86,446.00	-
111	Energy Efficiency in Agricultural pumping with smart ground water management through monitoring and targeting aquifers	EESL	4,37,853.02	-	7,32,360.00	11,70,213.02	5,94,425.00	5,75,788.02	-
112	Development of a sub-micrometer resolution electro hydrodynamic jet printer for printing customized polymeric structures	DST-IMPRINT II	23,725.00	-	-	23,725.00	-	23,725.00	-
113	Seismic Design of Pipelines	NDMA-BIS	94,547.00	-	-	94,547.00	27,860.00	66,687.00	-
114	High Pure Nano-Alumina for Solar Cell Anti-Reflection Coatings and Reinforcing Aluminum	NALCO	4,42,750.00	-	-	4,42,750.00	1,93,800.00	2,48,950.00	-
115	Life Cycle and performance assessment of cold mix roads	NRIDA	80,846.00	-	-	80,846.00	80,846.00	-	-
116	Development of hybrid smart grid communication network for last mile connectivity: A D2D and PLC approach	DST	2,91,773.00	-	-	2,91,773.00	3,61,061.00	-	69,288.00
117	Grid Interconnection Protocols for Largely Dispersed Minigrids/Microgrids for Electrification of Rural India (MultiGrid)	DST	3,90,264.00	-	1,71,600.00	5,61,864.00	6,58,764.00	-	96,900.00
118	Quadratic boost converter based multi-input power converter interface for renewable applications	DST	1,14,532.00	-	-	1,14,532.00	1,14,532.00	-	-
119	The inter-relationship between atmospheric aerosol distribution and tropical intraseasonal oscillations over the Indian region	DST	65,259.00	-	5,00,000.00	5,65,259.00	4,13,104.00	1,52,155.00	-
120	Cost effective ICT-Data analytics system for efficient management of water and fertilizer in precision agriculture	DST IMPRINT II	28,61,907.00	-	-	28,61,907.00	14,06,154.00	14,55,753.00	-
121	Taylor column phenomena of axially translating sphere in a rotating fluid - a numerical study	DST	2,12,711.00	-	6,00,000.00	8,12,711.00	5,12,463.00	3,00,248.00	-

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
122	Design and development of lightweight and crashworthy hierarchical materials and structures	DST	2,53,784.00	-	-	2,53,784.00	88,057.00	1,65,727.00	-
123	Design and development of metal-oxide hetero-structures for enhancement of photovoltaic energy conversion efficiency	DST	3,91,311.00	-	80,000.00	4,71,311.00	1,77,622.00	2,93,689.00	-
124	Space-time domain decomposition methods for non-linear cahn-hilliard equation and their implementations in parallel computers	DST	-	69,264.00	-	-	960.00	-	70,224.00
125	Design, Preparation and Evaluation of S (Sulphur) and P (Phosphorous) Mediated Functional Solids in the Form of Co-crystals, Metal-Organic Frameworks (MOFs) Structures and Covalent Organic Frameworks (COFs)	DST	-	48,825.00	12,00,000.00	11,51,175.00	4,93,299.00	6,57,876.00	-
126	Design and Development of Dynamic Phasor and Frequency Estimator Complying IEEE C37.118 standard under Teachers Associateship for Research Excellence (TARE)	DST-TARE	87,542.00	-	2,30,000.00	3,17,542.00	3,17,542.00	-	-
127	Blending traditional and newer synthetic methods for regio-/stereoselective synthesis of functionalized carbo-/heterocycles: Application towards the asymmetric total synthesis of some complex bioactive terpenoid-alkaloids	DST	1,96,174.00	-	10,00,000.00	11,96,174.00	10,81,868.00	1,14,306.00	-
128	Prediction of impact dynamics of projectile and armour plate with accurate thermal modelling	DRDO	81,500.00	-	4,00,000.00	4,81,500.00	4,81,358.00	142.00	-
129	Thermal Characterization of gun barrel during dynamic firing	DRDO	3,05,750.00	-	4,00,000.00	7,05,750.00	6,73,020.00	32,730.00	-
130	Subsurface variability of the Bay of Bengal from observations and models: relationship with Indian Monsoon and Cyclogenesis	DST	60,432.00	-	5,50,000.00	6,10,432.00	5,69,549.00	40,883.00	-
131	Quasi-permutation representations and Gelfand pair?	DST-MATRICES	1,89,306.00	-	-	1,89,306.00	2,96,308.00	(1,07,002.00)	-
132	Design and characterization of an Al-Ti based high entropy alloys	DST	2,41,798.00	-	9,50,000.00	11,91,798.00	8,40,576.00	3,51,222.00	-
133	High Resolution satellite mapping of particulate pollution (PM205) Hotspots over Bhubaneswar	SPCB	7,36,562.00	-	-	7,36,562.00	-	7,36,562.00	-
134	Designing of novel transition metal oxide based ferroelectric perovskites for visible light photovoltaic application	DST	2,79,389.00	-	8,30,000.00	11,09,389.00	7,68,757.00	3,40,632.00	-
135	A study of harmonic analogue of certain univalent and analytic functions	DST-MATRICES	1,206.00	-	-	1,206.00	-	1,206.00	-
136	Study of carrying capacity of dolphins/habitat preference and carrying capacity of tourist boats in Chilika Lake	Chilika Wildlife Division, Govt. of Odisha	5,51,226.00	-	-	5,51,226.00	840.00	5,50,386.00	-
137	Assimilation of Ground Radar Data with Weather Research and Forecast Model in Information Theoretic Framework	Ministry of Earth Sciences	-	1,39,700	3,13,217.00	3,11,820.00	3,13,217.00	-	1,39,700

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
138	Functional consequences of cancer testis antigen ATAD2 in pancreatic cancer	DBT	1,79,020.00	-	-	1,79,020.00	1,79,020.00	-	-
139	Saraswati 2.0 - Identifying best available technologies for decentralized wastewater treatment and resource recovery for India	DST	63,00,801.00	-	10,65,579.00	73,66,380.00	32,18,284.00	41,48,096.00	-
140	Add on Radar for Jamming UAVs	MoD	23,596.00	-	-	23,596.00	1,033.00	22,563.00	-
141	Design and development of compact and lightweight jet pumps for aviation application with enhanced efficiency	CTTC	2,44,974.88	-	-	2,44,974.88	20,978.00	2,23,996.88	-
142	Spectrum of random band matrices	DST Inspire	5,11,422.00	-	-	5,11,422.00	2,16,780.00	2,94,642.00	-
143	Stochastic Material Degradation based Large Deformation Finite Element Analysis of FRP Composites in Hygrothermal Environment using Thickness Stretching Kinematic Model-Special Investigation of Tidal Turbine Blades	DST	63,530.00	-	3,46,520.00	4,10,050.00	4,10,050.00	-	-
144	Developing a process for determining the polymer content in waste plastic modified bituminous mixes	NRIDA	-	-	-	-	-	-	-
145	Development of Formal Verification Tools for Proactive Assessment and Prevention of Security Threats in Enterprise Networks	DRDO	3,02,765.00	-	-	3,02,765.00	-	3,02,765.00	-
146	National Post-Doctoral Fellowship to Dr. Haimabati Das	DST	8,41,271.00	-	3,82,800.00	12,24,071.00	11,68,561.00	55,510.00	-
147	Efficient cache aided data delivery using deep reinforcement learning	DST	2,49,301.00	-	2,40,000.00	4,89,301.00	4,89,301.00	-	-
148	Achieving reliable communications in the Internet of things: an erasure-correction coding approach	DST	4,99,400.00	-	-	4,99,400.00	4,39,740.00	59,660.00	-
149	Synthesis of Homo, Di and Tri (ABA type) Block Co-polymers of Less Activated Monomers by Reversible Deactivation Radical Polymerization	DST	4,63,903.00	-	6,00,000.00	10,63,903.00	6,67,784.00	3,96,119.00	-
150	Metal Complexes of Macrocyclic/ Acyclic Ligands as T1 and ParaCEST-based Contrast Agent for MRI	DST	3,42,388.00	-	10,00,000.00	13,42,388.00	5,28,748.00	8,13,640.00	-
151	Multiscale (QM/MM) modelling approach to understand the bacterial resistance towards beta-lactam based antibiotics	DST	6,90,043.00	-	3,00,000.00	9,90,043.00	4,77,102.00	5,12,941.00	-
152	Photovoltaic assisted water harvesting from moisture using biometric surface	DST	14,08,165.00	-	-	14,08,165.00	14,81,179.00	(73,014.00)	-
153	National Post-Doctoral Fellowship to Dr. Surjit Sahoo	DST	7,00,078.00	-	-	7,00,078.00	4,84,065.00	2,16,013.00	-
154	Design Of Dynamic MAC and PHY SoC for Low Power and Long Range networks	MEITY	11,12,672.00	-	-	11,12,672.00	13,03,632.00	(1,90,960.00)	-
155	Growth of semiconductor heterostructure nanolayers for solar cell application	SERB	-	1,25,869.00	8,00,000.00	6,74,131.00	8,13,595.00	-	1,39,464.00

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			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
156	Controlling Heat Float at Nanoscale: A Versatile Approach to Generate Sustainable Energy From Waste Heat	SERB	2,01,877.00	-	4,00,000.00	6,01,877.00	4,99,604.00	1,02,273.00	
157	Middle Pleistocene to Holocene dynamics of Antarctic Circumpolar Current and its implications to global climate: Evidence from Southern Pacific	SERB	12,06,416.00	-	9,00,000.00	21,06,416.00	20,99,512.00	6,904.00	
158	C-H, C-O Activation and C1-Platform Chemicals: Synthetic and Mechanistic Studies on Two-metal Synergy	SERB	11,56,334.00	-	15,00,000.00	26,56,334.00	22,56,611.00	3,99,723.00	
159	Fast Charging High Energy Density Lithium Ion Batteries with Nanoporous Silicon Anodes	SERB	34,72,975.00	-	-	34,72,975.00	34,27,614.00	45,361.00	
160	High-speed and energy efficient CMOS transceiver design for full-duplex chip-to-chip serial link	SERB-DST	9,61,877.00	-	-	9,61,877.00	4,01,192.00	5,60,685.00	
161	Topological Phases Based on Metal-Organic Framework	SERB-DST	65,19,690.00	-	-	65,19,690.00	14,82,855.00	50,36,835.00	
162	Contact Geometry Framework for Thermodynamics, Statistical Mechanics and Dissipative Dynamics?	SERB-DST	12,488.00	-	2,00,000.00	2,12,488.00	-	2,12,488.00	
163	Interaction of vortex beam with quantum emitters coupled to photonic nanowire	SERB-DST	10,210.00	-	12,80,000.00	12,90,210.00	2,80,210.00	10,10,000.00	
164	Computational alloy design and mechanical property study of complex concentrated alloys	NMRL	3,06,662.00	-	-	3,06,662.00	98,273.00	2,08,389.00	
165	Ultrasonic assisted laser additive manufacturing of nickel based super alloys and its online temperature monitoring to control the directionality in grain growth, anisotropy in mechanical properties and elemental segregation; and enhancement of the component life by laser shock peening.	SERB-DST	1,80,759.00	-	7,00,000.00	8,80,759.00	5,20,584.00	3,60,175.00	
166	Employing metallurgical silicon to develop new class of silicon composites for structural applications	MoM	27,27,906.00	-	-	27,27,906.00	3,14,859.00	24,13,047.00	
167	Design and Implementation of Artificial Intelligence Powered Internet-of-things (IoT) Climate-Aware Health Monitoring and Disease Prediction System for Sustainable Health and Wellness Management	ICMR	16,56,682.00	-	-	16,56,682.00	1,54,542.00	15,02,140.00	
168	National Post Doctoral Fellowship (N-PDF), (Life Sciences) to Dr. Amit Kumar Mishra	SERB-DST	2,172.00	-	-	2,172.00	2,172.00	-	
169	Development of Specialty Fiber Modal Interferometer as a Thermometer for Harsh Environment	IGCAR	5,54,216.00	-	-	5,54,216.00	4,98,356.00	55,860.00	
170	An enquiry into the problems in Geometric Function Theory	SERB-DST	3,74,040.00	-	-	3,74,040.00	3,74,040.00	3,74,040.00	
171	Identification, synthesis and validation of potential ATAD2 ligands as a therapeutic strategy for stomach cancer	ICMR	7,13,956.00	-	6,26,673.00	13,40,629.00	10,48,781.00	2,91,848.00	
172	Development of Internet of Things Enabled Phasor and Power Quality Monitoring Devices for Smart Power Grids	SERB-DST	5,66,369.00	-	1,98,499.00	7,64,868.00	6,19,119.00	1,45,749.00	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
173	Indigenous development of controlled interferometry based high-temperature industrial flow measurement device	DST	42,92,770.00	-	-	42,92,770.00	17,17,581.00	25,75,189.00	
174	Bone health classification using machine learning	SERB-DST	11,48,626.00	-	6,52,780.00	18,01,406.00	13,16,985.00	4,84,421.00	
175	Development of PIEZOELECTRIC Ceramic-Polymer flexible composite based energy harvester for smart automobiles	CSIR	4,83,600.00	-	-	4,83,600.00	7,17,031.00	-	2,33,431.00
176	Design and Development of Deep Learning based App for Early Warning of Blindness	SERB-DST	9,58,049.00	-	5,00,000.00	14,58,049.00	13,75,867.00	82,182.00	
177	Development of in-reflection fiber based interferometer for residual stress measurement	DST	28,75,162.00	-	-	28,75,162.00	14,90,701.00	13,84,461.00	
178	Design and Development of a Software Defined Radar for Road Safety Applications	OMVD, Govt. of Odisha	10,01,578.00	-	-	10,01,578.00	2,00,639.00	8,00,939.00	
179	Evaluation of Coal Tar Derived Hard/Soft Carbon Anodes for Power Li-ion Batteries	Tata Steel Ltd	8,59,435.00	-	-	8,59,435.00	3,90,609.00	4,68,826.00	
180	Effect of climate change on convectively coupled equatorial waves and MJO and their influence on extreme rainfall events over Indian region	MoES	11,29,872.00	-	-	11,29,872.00	11,29,872.00	-	
181	Designing of computer vision guided intelligent traffic systems for smart cities	SERB-DST	17,33,578.00	-	6,00,000.00	23,33,578.00	18,04,248.00	5,29,330.00	
182	Prototype Development, Fabrication and validation of AI-Graphene Composite Battery with Cooling Plates	NALCO	20,23,000.00	-	50,97,600.00	71,20,600.00	31,71,006.00	39,49,594.00	
183	Design and Development of Cost-Effective Floating-Solar Energy Generation Technologies and Infrastructure for Achieving Nearly Zero-Energy Villages	DST	49,34,160.00	-	-	49,34,160.00	11,51,704.00	37,82,456.00	
184	Speech to Speech Translation for Tribal Languages using Deep Learning Framework	MoEIT	13,91,703.00	-	-	13,91,703.00	15,13,989.00	(1,22,286.00)	
185	Pliocene dynamics of the southern Pacific and its linkages with the low latitude climate	NCPR	4,35,734.00	-	5,96,502.00	10,32,236.00	4,07,771.00	6,24,465.00	
186	Indigenous Development of a novel low-cost Solar PV panel self cleaning device	DST	19,74,361.00	-	-	19,74,361.00	19,74,361.00	-	
187	Renewal Energy EMPOWERing European and InDian communities (RE-EMPOWERED)	DST	1,27,00,990.00	-	-	1,27,00,990.00	14,74,144.00	1,12,26,846.00	
188	Load distribution, design and joint configurations for Load Grounding through Human Worn Exo-Frames	DRDO	16,34,881.00	-	-	16,34,881.00	6,39,151.00	9,95,730.00	
189	Design, Development, and Demonstration of Solar-PV On-board and Off-Board Electric Rickshaw Charging Infrastructure	DST	34,15,092.00	-	-	34,15,092.00	34,21,092.00	-	6,000.00
190	Development of Synthetic Strategies to Diverse N-Heterocyclic Fused ISOXAZOLES: Evaluation of Biological Activities And Photophysical Studies	CSIR	2,49,832.00	-	2,03,000.00	4,52,832.00	4,51,000.00	1,832.00	

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
191	FIST Program: Discipline of Physics, SBS, IIT Bhubaneswar	DST	2,00,00,000.00	-	-	2,00,00,000.00	56,49,184.00	1,43,50,816.00	
192	EU Erasmus DIVERSASIA project – Embracing diversity in Asia through the adoption of inclusive open practices	Nottingham Trent University	33,55,936.00	-	-	33,55,936.00	24,35,024.00	9,20,912.00	
193	Utilization of ITR Doppler Weather Radar Products in high resolution mesoscale model for prediction of severe weather over Chandipur- Phase II	ITR	2,25,754.00	-	-	2,25,754.00	3,27,606.00	-	1,01,852.00
194	FIST Program: SMMME, IIT Bhubaneswar	DST	1,00,00,000.00	-	91,00,000.00	1,91,00,000.00	-	1,91,00,000.00	
195	Band and nanostructural engineering of doped Mg2Si composite for optimized thermoelectric and mechanical properties	SERB-DST	6,75,000.00	-	-	6,75,000.00	6,48,617.00	26,383.00	
196	DHR-GIA Proposal: Development of an Affordable Wearable IoT-GPS Enabled Intelligent Vital Signs Monitor for Smart Health Monitoring Services	ICMR	30,35,990.00	-	-	30,35,990.00	30,35,990.00	-	
197	Development of Coordinated Protection and Control Scheme for Microgrid	DST	11,42,581.00	-	-	11,42,581.00	6,48,948.00	4,93,633.00	
198	Development of process for 4N High Pressure pure alumina (HPA) and substrate making for its validation in LED applications	JNARDDC C/o NALCO	8,20,000.00	-	-	8,20,000.00	5,09,809.00	3,10,191.00	
199	A thermodynamically consistent model for designing high-performance ceramic laminates with tailored residual stresses	SERB-DST	8,50,340.00	-	-	8,50,340.00	6,50,850.00	1,99,490.00	
200	Titanium alloy based fine featured Cranial implant development using Incremental Forming and ECM	SERB-DST	17,65,080.00	-	-	17,65,080.00	11,48,514.00	6,16,566.00	
201	Enhancing the formability of Mg alloys by microstructural engineering using CPFEM approach	SERB-DST	22,85,000.00	-	-	22,85,000.00	3,12,356.00	19,72,644.00	
202	Design and synthesis of cocystals/salts of anticancer drugs to improve physicochemical and pharmacokinetic properties: crystal engineering approach	SERB-DST	3,10,000.00	-	-	3,10,000.00	3,11,726.00	-	1,726.00
203	Investigation on the role of residual stresses on shape memory effect and superelasticity in shape memory alloy welds	SERB-DST	3,10,000.00	-	-	3,10,000.00	1,98,558.00	1,11,442.00	
204	Design and Development of a Screw type Wheeled Snake-like Robot to Access the Inaccessible Areas inside the Boiler Tubes and other Enclosures	CPRI	27,14,000.00	-	-	27,14,000.00	10,53,345.00	16,60,655.00	
205	Hypercyclic and chaotic behavior of adjoint multiplication operators on Banach spaces of analytic functions	SERB-DST	7,34,520.00	-	-	7,34,520.00	-	7,34,520.00	
206	Creep and fatigue of selective laser melted Ti-6242 alloy	ARDB-DRDO	30,23,423.00	-	-	30,23,423.00	2,24,964.00	27,98,459.00	
207	Rational Design Flexible Energy Storage Devices Using Multiscale Simulations and Machine Learning	SERB-DST	10,15,000.00	-	-	10,15,000.00	10,28,279.00	-	13,279.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
208	Machine Learning Based Model for Optimization of PCM-Metal Foam Composite Energy Storage System	SERB-DST	11,57,223.00	-	-	11,57,223.00	74,193.00	10,83,030.00	
209	Development of cost-effective energy management strategies for a green hydrogen based electric vehicle charging station	SERB-TARE	3,10,000.00	-	-	3,10,000.00	2,79,490.00	30,510.00	
210	Stability and contact problems of inflatable structures under DST INSPIRE Faculty Fellowship	DST	30,94,569.00	-	-	30,94,569.00	6,10,056.00	24,84,513.00	
211	Development of computational method for finding the exact result on the queueing model involving heavy-tail distributions using complex analysis	SERB	1,59,000.00	-	-	1,59,000.00	1,02,684.00	56,316.00	
212	Design and Development of Doppler Radar System for Inbore Projectile Velocity Measurement	DRDO	20,49,373.00	-	-	20,49,373.00	5,99,238.00	14,50,135.00	
213	Geometric optimization of finite time quantum thermodynamic processes under different control protocols	SERB	2,00,000.00	-	-	2,00,000.00	1,51,638.00	48,362.00	
214	DST-Storage MAP: Automation and AI/ML- Assisted development of solid state battery technology	DST	26,67,960.00	-	-	26,67,960.00	6,91,269.00	19,76,691.00	
215	Analysis and Design of elastodynamic metamaterials for vibro-acoustic control	NPOL	4,95,000.00	-	3,89,400.00	8,84,400.00	1,43,535.00	7,40,865.00	
216	Evaluation of Bridge approach settlement mitigation schemes through field application	NRIDA	13,73,600.00	-	-	13,73,600.00	4,09,903.00	9,63,697.00	
217	Performance evaluation of cement concrete pavements in rural roads	NRIDA	8,68,800.00	-	7,24,800.00	15,93,600.00	14,48,284.00	1,45,316.00	
218	Development of adaptive motor controller for PMSM based three-wheeler Electric Vehicle	Meity	6,16,000.00	-	-	6,16,000.00	4,73,128.50	1,42,871.50	
219	Novel AI Nano-structure based electrodes for battery and supercapacitor devices	DST	3,50,000.00	-	1,95,000.00	5,45,000.00	7,81,520.00	-	2,36,520.00
220	Experimental and theoretical investigations into the local structure and magnetic phases vis-a-vis transitions in multicomponent AlCuFeMn alloy using ab-initio density functional theory calculations, high energy synchrotron and neutron diffractive techniques	UGC DAE CSR	45,000.00	-	-	45,000.00	49,718.00	-	4,718.00
221	Design and Development of Grid Interactive Adaptive Controls for Frequency Regulation from Large Scale PV Systems	CPRI	26,34,180.00	-	-	26,34,180.00	3,56,553.50	22,77,626.50	-
222	X-ray and Ion-scattering Methods for Material Characterization	SERB	5,00,000.00	-	-	5,00,000.00	3,94,823.00	1,05,177.00	-
223	" Identifications of model biases for extreme events over the Indian region."	New Venture Fund	-	-	33,40,496.00	33,40,496.00	27,49,308.00	5,91,188.00	-

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
224	Development of Electric Vehicle (Evs) Sub-Systems- Part-1 Programme.	MEITY	-	-	33,12,000.00	21,48,810.00	11,63,190.00	-	
225	Implementation of World Bank Assisted Programme on "Rejuvenating Watersheds for Agricultural Resilience through Innovative Development" REWARD: Odisha	DSC&WD, Govt of Odisha	-	-	33,88,381.00	33,83,396.00	4,985.00	-	
226	Design and Implementation of AI powered Autonomous Underwater Vehicle (AUV) and IoT Enabled Underwater Acoustic Sensor Networks	IITG TIDF	-	-	10,00,000.00	5,44,892.37	4,55,107.63	-	
227	Proof of concept for coordinate determination of Fall of Shot from aerial imagery	PXE-CHANDIPUR-DRDO	-	-	6,00,000.00	2,18,460.00	3,81,540.00	-	
228	Development of robust voltage and frequency control scheme for a microgrid operated in grid connected mode	DST	-	-	7,71,800.00	2,14,070.00	5,57,730.00	-	
229	National Post Doctoral Fellowship (N-PDF), to Dr. Buddhadeva Sahoo	SERB	-	-	10,65,600.00	3,42,661.00	7,22,939.00	-	
230	Room-temperature Sodium-Sulfur Batteries for Stationary Storage Applications	ReNew Power Private Limited	-	-	12,93,600.00	2,15,600.00	10,78,000.00	-	
231	Manufacturing of 2-wheeler Lithium-ion battery pack with hard/soft carbon anode and the possibility of utilizing gamma-MnO2 in lithium-ion battery cathode	M/S TATA STEEL LIMITED	-	-	34,03,644.75	10,33,597.75	23,70,047.00	-	
232	Design and Development of an Efficient Framework for Decentralized Real-Time Coordination and Collaboration for a Swarm of Autonomous Robots	SERB	-	-	16,00,000.00	3,85,638.00	12,14,362.00	-	
233	Mathematical and Numerical modelling of dropwise condensation on pipes	SERB	-	-	2,20,000.00	20,000.00	2,00,000.00	-	
234	Optimized modulation of triple active bridge converter for electric vehicle application with wide band gap semiconductor devices	SERB	-	-	20,30,000.00	2,05,643.00	18,24,357.00	-	
235	An AI-powered fully automated diagnostic software for evidence-based glaucoma detection by identifying structural biomarkers of the optic nerve head	SERB	-	-	24,92,600.00	1,52,350.00	23,40,250.00	-	
236	Development of Simplified Model for Partial infill RC Frames	SERB	-	-	13,73,620.00	20,800.00	13,52,820.00	-	
237	Design, Development, and Demonstration of a Centralized Protection and Monitoring (CPM) System within a Distribution Substation including DER	CPRI	-	-	1,43,00,000.00	5,00,000.00	1,38,00,000.00	-	
238	Design and Development of Synthetic Jet Array for Steered and Focused Jet	SERB	-	-	15,00,000.00	34,999.00	14,65,001.00	-	
239	Development of supercapacitor devices for grid-level energy storage application based on natural mineral chalcocopyrite and bauxite residue	Ministry of Mines	-	-	13,28,000.00	58,000.00	12,70,000.00	-	

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SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

Sn.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
240	Conversion of natural mineral based tetrahydrofuran compounds into high-performance thermoelectric devices used in the conversion of waste heat into electricity	Ministry of Mines	-	-	18,30,000.00	18,30,000.00	30,000.00	18,00,000.00	
241	Reliability-Based design of Tunnels in Anisotropic Spatially Variable Residual Soil Slopes	SERB	-	-	4,48,840.00	4,48,840.00	-	4,48,840.00	
242	Adapting Fused Deposition Modelling (FDM) technique for additive manufacturing of aluminum alloys in the semisolid state: Design and development of a novel prototype	SERB	-	-	4,50,000.00	4,50,000.00	-	4,50,000.00	
243	Mechanistic-Empirical Design of Jute Geotextile Reinforced Pavements for Rural Roads	NJB	-	-	25,08,400.00	25,08,400.00	5,75,857.29	19,32,542.71	
Total:					9,32,79,603.47	31,54,42,803.03	13,46,67,775.95	18,30,06,258.08	27,34,602.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 2 CONSULTANCY PROJECT

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Proof Checking of Design of River bed pile foundation for location no. 10,12 & 15 of 220KV transmission line from Bidanasi to Cuttack Grid Substation.	33,091.00	-	-	33,091.00	-	33,091.00	-
2	Preparation of Foundation Design for special type tower in 220KV Budhipadar -Burla line to be diverted near K Plot.	1.00	-	-	1.00	-	1.00	-
3	Vetting of Structural Analysis of design & drawing for the new Residential complex at HAL Koraput.	-	2.00	-	-	-	-	2.00
4	Proof Checking of design of pile foundations for location No. 16A and 24 of 220KV transmission line tower from Bidanasi (Cuttack) in the Bank of Kathajodi to Nuapada (Cuttack) in the Spill Zone.	22,718.00	-	-	22,718.00	-	22,718.00	-
5	House hold energy consumption survey-2012	-	-	-	-	-	-	-
6	Design of Two number of 220KV transmission line tower foundation between kantapalli to Hindaico in the Mahanadi River.	71,802.00	-	-	71,802.00	-	71,802.00	-
7	Design of weighbridge & moveable floor crane	12,905.00	-	-	12,905.00	-	12,905.00	-
8	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha	41,950.00	-	-	41,950.00	-	41,950.00	-
9	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and odisha	2,25,704.00	-	-	2,25,704.00	-	2,25,704.00	-
10	Consultancy for investigation in ARC, Charbatia	20,020.00	-	-	20,020.00	-	20,020.00	-
11	Design and testing aerated autoclaved fly concrete blocks (AAC)	2,366.00	-	-	2,366.00	-	2,366.00	-
12	Proof Checking of POT cum PTFE Bearing	10,112.00	-	-	10,112.00	-	10,112.00	-
13	Testing of Fibre shorcrete panels for energy absorption test	52,585.00	-	-	52,585.00	-	52,585.00	-
14	Testing of Fibre shorcrete panels for energy absorption test	43,820.00	-	-	43,820.00	-	43,820.00	-
15	Robotic application in boiler NDT assessment	29,250.00	-	-	29,250.00	-	29,250.00	-
16	Testing of AAC Blocks	-	-	-	-	-	-	-
17	Technical Evaluation of cement concrete roads in Odisha	-	-	-	-	-	-	-
18	Design of experimental road using fly ash	27,000.00	-	-	27,000.00	-	27,000.00	-
19	Technical and function test of Gagan enabled GPS PDAs	1,666.00	-	-	1,666.00	-	1,666.00	-
20	Development of structural grade concretes utilizing Iron slag as sand replacements (Tata Steel, Jaipur, Odisah)	294.00	-	-	294.00	-	294.00	-

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
21	Third party audit on the fly ash generation & utilization by TPPs in Odisha for the year 2015-16	6,786.00	-	-	6,786.00	-	6,786.00	-
22	Accretion control to increase the sponge iron production to the target annual capacity of 390000Mt.	1,35,033.00	-	-	1,35,033.00	-	1,35,033.00	-
23	Dyke height raising of fly ash pond	58,588.00	-	-	58,588.00	-	58,588.00	-
24	Proof checking of structural items of Rambili Project	30.00	-	-	30.00	-	30.00	-
25	Mix Design of cement treated base/ sub-base for PMGSY road in Odisha	2,18,757.00	-	-	2,18,757.00	-	2,18,757.00	-
26	Design and drawing of minor bridges of RVNL proof checking	-	-	-	-	-	-	-
27	Technical Support for application of cold mix Bitumen in Rural Roads	3,15,034.00	-	-	3,15,034.00	-	3,15,034.00	-
28	Evaluation of Terrazyme (A bioenzyme) stabilized roads constructed under PMGSY	5,39,871.00	-	-	5,39,871.00	9,100.00	5,30,771.00	-
29	Geotechnical investigations on soil/rock samples	1,40,000.00	-	-	1,40,000.00	-	1,40,000.00	-
30	Residual stress measurement in unrestrained and restrained double "V" joints	-	-	-	-	-	-	-
31	Proof Checking of 19m RCC T Beam ROB for railway siding Project of M/s Emami Cement Ltd.	9,375.00	-	-	9,375.00	-	9,375.00	-
32	Service as proof consultant for structural design components of proposed HL bridge over river biluakhai	-	-	-	-	-	-	-
33	Slope stability analysis for new BG Line from Nuagaon to Paradeep	-	-	-	-	-	-	-
34	Person re-identification for video synopsis	-	-	-	-	-	-	-
35	Distributed SDN controller with end to end security	4,39,683.00	-	-	4,39,683.00	-	4,39,683.00	-
36	Design proof checking of five no of railway bridges of RITES Ltd in connection with construction of railway siding of NTPC Lara STTP	45,000.00	-	-	45,000.00	-	45,000.00	-
37	Process control and optimization at Jindal Stainless Ltd, Jaipur, Odisha	6,88,938.00	-	-	6,88,938.00	-	6,88,938.00	-
38	Third party quality assurance consultancy services for Kendriya Vidyalaya No.2, Sambalpur	-	-	-	-	-	-	-
39	Technical scrutiny of structural designs for the grade separator structure at Khandagiri Chowk on NH-16, Bhubaneswar, Odisha	3,595.00	-	-	3,595.00	-	3,595.00	-
40	Third party audit on fly ash generation and utilization of TPPs in Odisha for the year 2016-17	26,500.00	-	-	26,500.00	-	26,500.00	-

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
41	Proof Checking of the design and drawings of 4 Nos. of RCC box culvert and suggestion of suitable soil stabilization for culvert No.4, at Biju Patnaik International Airport, Bhubaneswar	30,000.00	-	-	30,000.00	-	30,000.00	-
42	A Model Based Decision Support & Control System for Accretion Control to increase the sponge iron production to the target annual capacity of 4,25,000 Mt through a R&D Project	6,61,390.00	-	-	6,61,390.00	-	6,61,390.00	-
43	Implementation of Advanced Machine Learning Algorithms for Cluster Expansion	15,17,800.00	-	-	15,17,800.00	12,13,600.00	3,04,200.00	-
44	Process related improvements at PPL	3,24,366.92	-	8,92,788.00	12,17,154.92	3,38,351.00	8,78,803.92	-
45	Safety Analysis of Steel Pipeline Crossing Railroad between Surat and Vadodara	35,000.00	-	-	35,000.00	-	35,000.00	-
46	Construction of new road at the missing link portion of NH81 along the approved alignment between Harischandrapur & Eastern approach of Kalindri - Bridge from Km 46.550 to Km 59.697 in the district of Malda West Bengal on EPC m	80,000.00	-	-	80,000.00	-	80,000.00	-
47	Development of FEM model for Design Improvement of multi layered Baffle	12,31,186.00	-	-	12,31,186.00	-	12,31,186.00	-
48	Residual stress measurement by Deep-hole drilling technique	14,18,397.00	-	-	14,18,397.00	29,600.00	13,88,797.00	-
49	Engineering operation philosophy for long term mud management	2,34,980.00	-	-	2,34,980.00	66,630.00	1,68,350.00	-
50	Core sample analysis of composite clay lining of secured engineering landfill for disposal of hazardous waste	10,691.00	-	-	10,691.00	-	10,691.00	-
51	Testing suitability of dredged sand for use in Road embankment & subgrade	20,250.00	-	-	20,250.00	-	20,250.00	-
52	Re-identification guided video synopsis	-	-	-	-	-	-	-
53	Product quality improvement program at Deem Roll Tech. Ltd	40,000.00	-	-	40,000.00	-	40,000.00	-
54	Design and development of Flow measurement Solution	1,82,203.00	-	-	1,82,203.00	-	1,82,203.00	-
55	Coriolis flowmeter study	1,10,170.00	-	-	1,10,170.00	-	1,10,170.00	-
56	Stability study in tailings dams and scrutiny of dry stacking procedure of red mud	9,92,076.00	-	-	9,92,076.00	-	9,92,076.00	-
57	Verification of basic and detailed engineering design of RWSS mega water project of Rairakhol	6,88,350.00	-	-	6,88,350.00	4,50,412.00	2,37,938.00	-
58	Stability analysis and method of improving the bearing capacity from KM 56.00 to KM 57.10 - Package 2A (Construction of road bed, station buildings, passenger amenities, minor bridges, general electrical works in connection with new BG rail line from Kendrapara (Incl) KM 42.040 to Dumuku Km 57.000 on Khurdha road division of East Coast Railway in the State of Odisha, India	1,31,872.00	-	-	1,31,872.00	-	1,31,872.00	-
59	Design verification of Boudh WSP	90,000.00	-	-	90,000.00	-	90,000.00	-

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
60	Structural vetting of bridges and retaining walls of 2x25MW Maithan Right Bank Thermal Power Project for M/s L&T Ltd	1,43,750.00	-	-	1,43,750.00	-	1,43,750.00	-
61	Technical support for rehabilitation of defunct NH-5, Balugaon from 0/0 km to 8/0 km	6,750.00	-	-	6,750.00	-	6,750.00	-
62	Verification of Hydraulic & structural design and drawings of RWSS Mega Water Project of Puri District	3,78,625.00	-	-	3,78,625.00	2,86,125.00	92,500.00	-
63	Checking of the stability of foundation and superstructure of pipe conveyor for MCL	33,750.00	-	-	33,750.00	-	33,750.00	-
64	"Design of Cell filled concrete pavements for rural roads carrying heavy traffic	2,19,185.00	-	-	2,19,185.00	-	2,19,185.00	-
65	Proof check and scrutiny of design and drawings of 1 major bridge substructure and foundation in connection to NTPC-LARA project	48,750.00	-	-	48,750.00	-	48,750.00	-
66	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha	43,17,818.00	-	96,09,357.00	1,39,27,175.00	82,73,132.00	56,54,043.00	-
67	Proof checking of the design and drawing of ROB for KMC-RKD	9,188.00	-	-	9,188.00	-	9,188.00	-
68	Technological interventions to reduce humananimal conflict	41,50,138.00	-	-	41,50,138.00	16,91,413.00	24,58,725.00	-
69	Structural vetting of residential towers as per the BDA, Odisha	42,373.00	-	-	42,373.00	-	42,373.00	-
70	Design and development of gaseous Oxygen heat exchanger for semi-cryogenic stage	1,95,567.00	-	-	1,95,567.00	-	1,95,567.00	-
71	ov	-	-	-	-	-	-	-
72	Soil core lab testing	18,225.00	-	-	18,225.00	-	18,225.00	-
73	Preparation of catchment area treatment plan for the Dubuna Sakradlihi iron and manganese ore mines of OMC Ltd.	28,125.00	-	-	28,125.00	-	28,125.00	-
74	Proof checking of detailed design and drawing for construction of New Greenfield Airport at Rajkot, Gujarat	22,60,000.00	-	-	22,60,000.00	-	22,60,000.00	-
75	Proof check and scrutiny of design and drawings of bridge substructure and foundation (Br.3 and Br.79) in connection with NTPC-LARA project	14,719.00	-	-	14,719.00	-	14,719.00	-
76	Carrying out concrete mix designs for new greenfield airport at Hiraasaar, Rajkot (Gujarat)	7,82,115.00	-	-	7,82,115.00	7,66,815.00	15,300.00	-
77	Residual Stress Measurement on Rotor Surface at various Locations (Base Metal & Weld) & Modelling of Rotor Weldment-For AUSC Projects	74,100.00	-	-	74,100.00	-	74,100.00	-
78	Proof checking of design and drawing of substructure and foundation of 5 major bridge at Brajrajnagar, Jharsuguda	3,27,533.00	-	-	3,27,533.00	2,97,283.00	30,250.00	-

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
79	Carrying out the third party quality assurance consultancy (TPOAC) for the construction and development of Kendriya Vidyalaya Schoolat Jagatsinghpur, Odisha	5,12,325.00	-	-	5,12,325.00	5,12,325.00	-	-
80	Evaluation of PPC, PSC and Composite cements of Dalmia Cements	34,730.00	-	-	34,730.00	-	34,730.00	-
81	Study the cause of defect on the wing walls of Br. 5 over Angul-Balaram Section of MCRLL corridor and suggestion on remedial measures for the structure	5,250.00	-	-	5,250.00	-	5,250.00	-
82	Assessment study for issue of "no increase in pollution load" certificate to Paradip Refinery cum Petrochemical complex for processing crude oil above name plate capacity of 15 MMTPA = 10% max	42,000.00	-	-	42,000.00	-	42,000.00	-
83	Product development and technical support for cold mix Asphalt Application in Eastern India	2,99,000.00	-	-	2,99,000.00	3,72,000.00	-	73,000.00
84	Development of static model for Tata steel BOF	7,38,450.00	-	15,93,000.00	23,31,450.00	5,61,984.00	17,69,466.00	-
85	Design and formulation of coating using molecular modelling and simulation	13,82,461.00	-	1,90,400.08	15,72,861.08	7,91,289.08	7,81,572.00	-
86	Impact Assessment of WHO's framework convention on Tobacco control (FCTC) in India-A call to action report 2021	40,170.00	-	-	40,170.00	-	40,170.00	-
87	Suggesting measures for road failure at a hill section of NH-57	22,523.00	-	-	22,523.00	-	22,523.00	-
88	Surface Run-Off Management studies at Daitari Iron Ore Mine, South Kaliapani Chromite Mine and Sukrangi Chromite Mines, M/s OMC Ltd	-	-	12,53,750.00	12,53,750.00	12,53,750.00	-	-
89	Proof checking of design and drawing of six Nos of minor bridges (Non-RDSO standard RCC Box) at Brajrajnagar, Jharsuguda	12,175.00	-	-	12,175.00	-	12,175.00	-
90	Stability test of ash dikes	41,250.00	-	-	41,250.00	-	41,250.00	-
91	Testing of spray concrete panels with PP fibers	2,34,000.00	-	-	2,34,000.00	2,11,185.00	22,815.00	-
92	Carrying out vetting of projects developed by Utkal Developers Bhubaneswar for Patrapada	17,640.00	-	-	17,640.00	-	17,640.00	-
93	Proof check and scrutiny of designs and drawings of substructure for 3 nos of major bridges in connection with NTPC-LARA project	14,419.00	-	-	14,419.00	-	14,419.00	-
94	Proof check of Major Bridge No. 8b of PEQCTPL siding at Paradeep	15,469.00	-	-	15,469.00	-	15,469.00	-
95	Rehabilitation and Up-gradation of Road from Km 0.000 to Km 16.290 (Lenggtth-16.290 km) of Manu-Laicheira section of NH 44A to two lane with Paved shoulder in the state of Triupra on EPC basis (pkg-1)- safety consultant service reg.	1,80,000.00	-	-	1,80,000.00	1,80,000.00	-	-

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
96	Vetting of soil investigation report for the work: Soil Investigation For Provision of Deficient Integrated Security Watch Towers Under GE (P) Ezhimala at INA Ezhimala.	750.00	-	-	750.00	-	750.00	-
97	Design of CGBM using Provenge 907, a ready mix grout	1,48,000.00	-	-	1,48,000.00	-	1,48,000.00	-
98	Dike & Stability study of red mud storage pond-A	6,48,000.00	-	-	6,48,000.00	-	6,48,000.00	-
99	Environmental Audit of secured landfill in smelter plant NALCO at Angul	31,446.00	-	-	31,446.00	-	31,446.00	-
100	Proof checking of the structural design & drawing of PEB Hangar at Biju Patnaik international Airport, Bhubaneswar	7,125.00	-	-	7,125.00	-	7,125.00	-
101	Measurement of factor of safety for tailings dams of RMP & ash pond at Vedanta Limited	4,16,000.00	-	-	4,16,000.00	-	4,16,000.00	-
102	Vetting of GTI rock fall protection netting specifications "D-WR"	88,000.00	-	-	88,000.00	-	88,000.00	-
103	Environmental Audit of CHWTSDF	32,175.00	-	-	32,175.00	-	32,175.00	-
104	Soil core lab testing	8,991.00	-	-	8,991.00	-	8,991.00	-
105	Vetting of new South-west red mud pond and PWL (Process Water Lake) designs	2,24,554.00	-	-	2,24,554.00	-	2,24,554.00	-
106	Development of Concrete Mix Designs for IIM Sambalpur	2,40,000.00	-	-	2,40,000.00	2,40,000.00	-	-
107	Audit on geotechnical investigation, calculations of pile capacity, piling practices, pile test procedures, and suggesting measures for improvement in pile drilling process	1,29,000.00	-	-	1,29,000.00	-	1,29,000.00	-
108	Analog Design for Serial Communication	-	-	5,89,056.00	5,89,056.00	5,89,056.00	-	-
109	Proof checking the Designs and Drawings of Minor Bridges in connection with Jaroll-Jakhpura railway doubling project	18,36,000.00	-	-	18,36,000.00	18,36,000.00	-	-
110	Vetting of Electrical and E&M Designs and Drawings of Puri-Ganjam Project	1,77,982.48	-	-	1,77,982.48	1,60,199.00	17,783.48	-
111	No increase in pollution load certificate for constructing 2nd red mud pond	1,10,000.00	-	-	1,10,000.00	-	1,10,000.00	-
112	Environmental Audit of secured landfill facility at Paradip Refinery, Paradip, Odisha	76,154.00	-	1,75,230.00	2,51,384.00	75,099.00	1,76,285.00	-
113	Product performance study of Dalmia Cements	9,16,558.00	-	-	9,16,558.00	9,16,558.00	-	-
114	Technical vetting of CAPEX Plan of TPCODL	13,500.00	-	-	13,500.00	-	13,500.00	-
115	Water management at MGM Minerals Limited, Dhenkanal	4,06,779.50	-	-	4,06,779.50	-	4,06,779.50	-
116	Carrying out vetting of projects developed by Utkal Developers for Patrapada2, Bhubaneswar	2,03,390.00	-	-	2,03,390.00	-	2,03,390.00	-

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
117	Consultancy Services for proof checking of the Design Calculations and Working drawings of the bridges and culverts on Non-Government Railway line of The Dhamra Port Company Limited at Dhamra, Odisha	6,75,000.00	-	-	6,75,000.00	6,58,125.00	16,875.00	
118	Composite roll feasibility study of M/s Deem Rool Technology Pvt Ltd	63,000.00	-	-	63,000.00	30,000.00	33,000.00	
119	Structural vetting of the Swosti Premium Beach Resorts, a B+G+13 storied resort project situated at Sipasurubuli, Puri.	16,225.00	-	-	16,225.00	-	16,225.00	
120	Surface Run-Off Management Study at Gandhamardan Iron Ore Mine Block-A & Block B, M/s OMC Ltd located in Telkoi Tahasil of Keonjhar District Odisha	6,00,000.00	-	8,85,000.00	14,85,000.00	13,35,000.00	1,50,000.00	
121	No increase in pollution load certificate for additional products of Portland composite cement (PCC), Masonry cement (MC), Sulfate resisting Portland cement (SRPC).	40,000.00	-	-	40,000.00	-	40,000.00	
122	Mix design for construction of Lord Shiva Statue at Jajpur Town	92,308.00	-	-	92,308.00	92,308.00	-	
123	Proof Checking for Shiv Statue at Jajpur, Odisha	1,60,000.00	-	-	1,60,000.00	1,60,000.00	-	
124	Proof check for design and detailed engineering and execution of piping, civil & structural jobs related to NG firing facility in GTs at PDR	1,11,229.00	-	-	1,11,229.00	-	1,11,229.00	
125	Monitoring and remedial measures for controlling settlement on the embankment for Kolkata Metro	-	15,000.00	5,90,000.00	5,75,000.00	5,63,000.00	12,000.00	
126	Study of failure of beams of Track Hopper & proposal for rectification.	3,55,932.00	-	-	3,55,932.00	-	3,55,932.00	
127	Concrete Mix Design for the construction of 3km long three lane flyover near joda	1,50,000.00	-	-	1,50,000.00	-	1,50,000.00	
128	Vetting of Electrical and E&I Designs and Drawings for Rairakhol block of Sambalpur district of Odisha Project	2,80,000.00	-	-	2,80,000.00	1,02,699.00	1,77,301.00	
129	Vetting of Electrical and E&I Designs and Drawings for Bramhagiri & Krushnaprasad block of Puri district of Odisha Project	2,80,000.00	-	-	2,80,000.00	1,03,999.00	1,76,001.00	
130	Vetting/Consultancy for - "Execution of Rural Piped Water Supply Project pertaining to Ranipada cluster of Banpur Block of Khorda district including five years Operation & Maintenance	4,57,627.00	-	-	4,57,627.00	-	4,57,627.00	
131	Establishment of Chair Position at IIT Bhubaneswar by OPTCL	6,60,000.00	-	-	6,60,000.00	3,52,072.00	3,07,928.00	
132	Structural vetting of 5 nos. of bridges of ESL Steel Ltd	3,20,000.00	-	11,21,000.00	14,41,000.00	14,41,000.00	-	
133	Mix designs for Cuttack Water Supply Project	1,77,967.00	-	-	1,77,967.00	-	1,77,967.00	
134	Vetting of Geotechnical Investigation Report Conducted at Kenjaru Village in Mangaluru, Karnataka	2,893.00	-	-	2,893.00	-	2,893.00	

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
135	Soil Sample Analysis (Landfill PH-III-B)	33,566.00	-	-	33,566.00	-	33,566.00	-
136	Proof Checking of Bridge No.02 (1 X 6 m RCC Slab + 1 X 48.0 m Bow String Girder + 1 X 6 m RCC Slab)	2,00,000.00	-	-	2,00,000.00	1,75,000.00	25,000.00	-
137	Proof check for major bridge no. 12,13 and 35 for the work "Development for railway infrastructure up to 4 MTPA plant expansion" of Vedanta Limited, Jharsuguda	4,50,000.00	-	-	4,50,000.00	3,93,750.00	56,250.00	-
138	Proof checking of 3.0m wide foot over bridge (steel structure) across at Singapur Road station as part of execution of 3rd Railway Line project from TIG-VZM in East Coast Railway	80,000.00	-	-	80,000.00	-	80,000.00	-
139	Carrying out the vetting of PEB at Hindustan Coca Cola Beverages Pvt Ltd (Building structure design vetting under NBC- for building > 15meters)	1,60,000.00	-	-	1,60,000.00	1,60,000.00	-	-
140	Manufacturing of Building Blocks	5,53,846.00	-	-	5,53,846.00	-	5,53,846.00	-
141	Proof check of bridge no. 4 (ROB) and 5 (Over creek) for IPRCL Bhubaneswar	3,50,000.00	-	-	3,50,000.00	3,04,500.00	45,500.00	-
142	Proof checking of flexible pavement design of Duburi-Chandikhoh Section of NH-53	1,15,000.00	-	-	1,15,000.00	-	1,15,000.00	-
143	Vetting of the technical report on slope stabilization at slope protection at Noney, Manipur	28,500.00	-	-	28,500.00	-	28,500.00	-
144	Vetting of Traffic Assessment Study for Environmental Clearance of Residential Project of Utkal Realtor Pvt Ltd located at Pahal	52,000.00	-	-	52,000.00	-	52,000.00	-
145	Vetting of Traffic Assessment Study for Environmental Clearance of Residential Project of Utkal Builders Limited located at Patia	52,000.00	-	-	52,000.00	45,500.00	6,500.00	-
146	Water Quality Analysis and Interpretation to check its suitability for construction purpose	675.00	-	-	675.00	-	675.00	-
147	SS310 Testing by IIT BBSR for SAP HRS TOWER and TFR PIPING	73,760.00	-	25,000.00	98,760.00	52,070.00	46,690.00	-
148	Carrying out Proof Checking Overhead Structural Utility Gallery for Tata Steel Kalinganagar	4,00,000.00	-	-	4,00,000.00	4,00,000.00	-	-
149	Technical viability of use of Raw Petroleum coke in Manufacturing of ECP/ Soderberg Paste	25,000.00	-	-	25,000.00	25,000.00	-	-
150	Proof checking of Design and Drawings for a Two Lane bridge at Km 432/25-27 over Rly track between Mancheswar-Vaniivihar	1,69,491.00	-	-	1,69,491.00	-	1,69,491.00	-
151	Vetting of Traffic Assessment Report for M/s Shuvam Construction (P) Ltd., building project at Ghatikia for Environmental Clearance	52,000.00	-	-	52,000.00	50,700.00	1,300.00	-

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
152	Vetting of Traffic Assessment Report for M/s Tirumala Infrastructure and Development (P) Ltd., residential building project at Subudhipur and Shankarpur, for Environmental Clearance	52,000.00	-	-	52,000.00	50,700.00	1,300.00	
153	Design vetting of the technical report for the proposed gabion wall reinforced by the anchor	1,40,000.00	-	-	1,40,000.00	-	1,40,000.00	
154	Accretion control in kins to enhance campaign life from 60 days to 90 days	6,40,000.00	-	-	6,40,000.00	80,645.00	5,59,355.00	
155	Engineering operations philosophy for long term mud management of pond B	2,80,800.00	-	-	2,80,800.00	-	2,80,800.00	
156	Proof checking of Design and drawing of Superstructure, Substructure and bearing for the Proposed bridge crossing IOCL Pipelines in connection with proposed Multi-Model Logistic Park/Container Terminal at Paradeep (Odisha)	10,80,000.00	-	-	10,80,000.00	-	10,80,000.00	
157	Technical Support to PMGSY Projects through Laboratory Testing	4,11,600.00	-	4,11,600.00	4,11,600.00	1,56,038.00	2,55,562.00	
158	Mix design and testing of construction materials for SCB Medical College Cuttack	4,29,520.00	-	4,29,520.00	4,29,520.00	4,29,520.00	-	
159	Execution of Rural Piped water supply project, pertaining to Ranipada Cluster of Banpur Block of Khurda District I/C five year of Operation and Maintenance	1,47,500.00	-	1,47,500.00	1,47,500.00	47,500.00	1,00,000.00	
160	Vetting of Traffic Assessment Report for Grand Riviera residential building project for Environmental clearance	76,700.00	-	76,700.00	76,700.00	75,400.00	1,300.00	
161	Determination and Analysis of Residual Stress in Aero Engine Compressor Rotor	7,03,184.00	-	7,03,184.00	7,03,184.00	2,44,785.00	4,58,399.00	
162	Mix Design for redevelopment and expansion of SCB Medical College, Cuttack under Phase-I	8,85,000.00	-	8,85,000.00	8,85,000.00	8,10,000.00	75,000.00	
163	Proof Checking of Design and Drawing of one ROB and two Non-RDSO standard Minor Bridges for Railway siding at GUA Railway Station, Jharkhand	7,65,584.00	-	7,65,584.00	7,65,584.00	7,39,632.00	25,952.00	
164	Geotechnical strength of the earthen embankment and Soil Thickness measurement" for Ash Dyke area of Vedanta Limited at Jharsuguda	1,62,250.00	-	1,62,250.00	1,62,250.00	52,250.00	1,10,000.00	
165	Proof Checking of Design and Drawing of Substructure and Foundation for ROB on NH143 at Champajharan	2,65,500.00	-	2,65,500.00	2,65,500.00	2,61,000.00	4,500.00	
166	Dyke & stack stability study of Part-A and red mud storage plan for plan-B	8,02,400.00	-	8,02,400.00	8,02,400.00	2,58,400.00	5,44,000.00	
167	Review of design drawings for construction of ground improvement project at red mud stack at Vedanta Ianjigarh, Odisha	2,65,500.00	-	2,65,500.00	2,65,500.00	85,500.00	1,80,000.00	
168	Hydrological studies under basement area at TaTa Ariana Bhubaneswar	3,14,666.00	-	3,14,666.00	3,14,666.00	1,01,333.00	2,13,333.00	
169	Mix Design for structural grade concretes for MGM Plant	1,29,800.00	-	1,29,800.00	1,29,800.00	41,800.00	88,000.00	
170	Mix design for Construction of Infrastructure Augmentaion under GE Chilka	2,12,400.00	-	2,12,400.00	2,12,400.00	68,400.00	1,44,000.00	

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SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
171	Conducting detailed design consultancy service for ground improvement with PVD (prefabricated vertical drains) at high bank locations			5,90,000.00	5,90,000.00	1,90,000.00	4,00,000.00	
172	Consultancy services for Structural Peer Review at Ariana Project			11,80,000.00	11,80,000.00	10,80,000.00	1,00,000.00	
173	Soil Core Sample Testing			1,41,458.00	1,41,458.00	45,554.00	95,904.00	
174	Vetting of the technical report on slope stabilization at P4-P5 Noney, Manipur			1,03,250.00	1,03,250.00	33,250.00	70,000.00	
175	Proof checking of Road Mix Design for Hirasar International Airport, Rajkot			76,700.00	76,700.00	70,200.00	6,500.00	
176	Mix designs for Koraput district			2,64,000.00	2,64,000.00	91,902.00	1,72,098.00	
177	Vetting of Traffic Assessment Report for Shree Ram Construction housing and commercial building project for Environmental Clearance			76,700.00	76,700.00	75,400.00	1,300.00	
178	Submission of the analysis of the project specific tariff of Lower Baitarani SHEP			3,31,874.00	3,31,874.00	2,99,529.00	32,345.00	
179	Design Review for Multi variable Industrial Sensor			2,58,125.00	2,58,125.00	83,125.00	1,75,000.00	
180	Water Quality Analysis and Interpretation to check its suitability for construction purpose			39,825.00	39,825.00	39,825.00	-	
181	Mix design for Self Compacting Concrete for SCB Medical College Cuttack			3,03,732.00	3,03,732.00	3,03,732.00	-	
182	Scrutiny of Structural design and drawings for Portal at Adityapur and Tata Nagar Railway Station			6,63,750.00	6,63,750.00	6,52,500.00	11,250.00	
183	Stabilization of Steel Slag usingg Novocrete			3,98,250.00	3,98,250.00	1,48,250.00	2,50,000.00	
184	Proof checking of 3 different height retaining walls at CRWC-Mancheswar			1,77,000.00	1,77,000.00	1,71,000.00	6,000.00	
185	Third Party Construction Quality Testing of Jamujhadi-Basudevpur Dhamar Road			3,54,000.00	3,54,000.00	3,48,000.00	6,000.00	
186	Analyzing Co-Occurring Road and Traffic Anomalies using deep learning			17,78,705.00	17,78,705.00	17,78,705.00	-	
187	Investigation of RE wall Failure at km. 349+580 LHS Singhara-Binjhabahal section of NH-6			2,95,000.00	2,95,000.00	2,85,000.00	10,000.00	
188	Proof checking of Hanger door for AAI, BBSR			1,18,000.00	1,18,000.00	1,16,000.00	2,000.00	
189	Testing of FlyAsh as per IRC SP 58-2001 to use as an Embankment Fill Material			1,29,800.00	1,29,800.00	1,27,600.00	2,200.00	
190	Vetting of desing of embankment for rail track in Ananta CHP Talcher			1,18,000.00	1,18,000.00	1,16,000.00	2,000.00	
191	Assesment of soil strength using MASW test at Cuttack			3,00,000.00	3,00,000.00	2,94,915.00	5,085.00	
192	Rut Test for BC Grade Mixture			1,18,000.00	1,18,000.00	43,926.00	74,074.00	
193	Vetting of Retaining Wall Design, Drawing and Methodology for Repairing of RE wall at km. 349+580 LHS Singhara-Binjhabahal section of NH-6			2,36,000.00	2,36,000.00	2,32,000.00	4,000.00	
194	Proof checking of FOB at Ranchi Coast Railway			1,18,000.00	1,18,000.00	38,000.00	80,000.00	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
195	Vetting the desing and drawing report of gabion wall as a part of WMumbai Coastal Road Project (South) package II			1,03,250.00	1,03,250.00	33,250.00	70,000.00	
196	Vetting of structural stability of railway bridges			2,93,750.00	2,93,750.00	94,598.00	1,99,152.00	
197	Surface run-off management study for kurmitar iron ore mines of OMC			11,06,250.00	11,06,250.00	3,56,250.00	7,50,000.00	
198	The microstructural characterization of advanced high strength steel and suggestions to improve the properties			3,07,980.00	3,07,980.00	1,14,647.00	1,93,333.00	
199	Vetting of Electrical and E&M Designs and Drawings of Nawarnpur Project			7,37,500.00	7,37,500.00	2,37,500.00	5,00,000.00	
200	Proof checking of ROB of NH-16, Bhadrak-Balasure road project for SE Railway			2,50,000.00	2,50,000.00	80,509.00	1,69,491.00	
201	TPQA Services for Five Tribal Schools of Odisha			6,48,873.00	6,48,873.00	2,08,959.00	4,39,914.00	
202	Carrying out the vetting of warehouse of Coca Cola Beverages Pvt Ltd Khorda			2,36,000.00	2,36,000.00	76,000.00	1,60,000.00	
203	Proof Checking for the construction of 132 Nos Type II Quarters at Old Kalyan Mandap in Unit VIII and 84 nos Type IV Quarter near old AG Colony, in Unit IV, Bhubaneswar			16,22,500.00	16,22,500.00	5,22,500.00	11,00,000.00	
204	Technical report on new SW RMF: Pollution load to the first level aquifer and site location of the new RMF unit			4,96,728.00	4,96,728.00	1,59,963.00	3,36,765.00	
205	Repair/Re-erection Decision of 50m SS Tower at AIR, Puri			4,42,500.00	4,42,500.00	1,42,500.00	3,00,000.00	
206	Proof checking of 2 Nos. of Bridges at MCL Sardaga			3,98,250.00	3,98,250.00	1,28,250.00	2,70,000.00	
207	Design of PQC for MES Chandipur			1,18,000.00	1,18,000.00	38,000.00	80,000.00	
208	Design verifications of security wall			1,18,000.00	1,18,000.00	38,000.00	80,000.00	
209	Geotechnical investigation and Foundation Design System at DRI, SMS 1&2 and CPP Project site			1,25,375.00	1,25,375.00	40,375.00	85,000.00	
210	Proof checking of a single storey building			1,03,250.00	1,03,250.00	33,250.00	70,000.00	
211	Vetting of Electrical and E&M Designs and Drawings of Nayagath Project			4,42,500.00	4,42,500.00	1,42,500.00	3,00,000.00	
212	Design of internal road within RMP for mud transport			5,31,715.00	5,31,715.00	1,71,230.00	3,60,485.00	
213	Construction of Plant roads, drains, culverts and truck parking			2,36,000.00	2,36,000.00	84,708.00	1,51,292.00	
214	Mix design for construction of deparmentmetal building for Postal department at Cuttack			1,18,000.00	1,18,000.00	41,077.00	76,923.00	
215	Mix designs for Township at Chhattisgarh			7,38,437.00	7,38,437.00	2,57,057.00	4,81,380.00	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
216	Review of the Road Structure Design of the Perimeter Road at Rambilli near Visakhapatna			1,53,400.00	1,53,400.00	53,400.00	1,00,000.00	
217	Analog CMOS circuit design			1,60,000.00	1,60,000.00	51,525.00	1,08,475.00	
218	Design of ground improvement work in connection with RoB in MCHP area of Paradip Port Authority, Odisha			2,21,250.00	2,21,250.00	71,250.00	1,50,000.00	
219	FOS measurement of tailings dams-2021 of Vedanta Limited, Lanjigarh			6,04,750.00	6,04,750.00	1,94,750.00	4,10,000.00	
220	Characterization of Polymer and Crumb Rubber Modified Bitumen			3,18,600.00	3,18,600.00	2,91,600.00	27,000.00	
221	Mix Design of BSM using RAP and BitChem Tailor Made Cold Binder/Emulsion for NH-2, Bardhaman, WB			1,18,000.00	1,18,000.00	43,926.00	74,074.00	
222	Carrying out The Third Party Quality Assurance Consultancy (TPQAC) for the construction and development of Kendriya Vidyalaya School at Dharmagard, Kalahandi, Odisha			8,00,000.00	8,00,000.00	2,57,627.00	5,42,373.00	
223	Mix design for Bridge work of East Coast Railway, Jajpur			2,95,000.00	2,95,000.00	1,02,692.00	1,92,308.00	
224	Design of SCC for the Construction of Parshuramiji Statue at Arunanchal Pradesh			3,00,000.00	3,00,000.00	96,610.00	2,03,390.00	
225	Mix design of DBM and DAC of Hirasar Airport, Rajkot			1,18,000.00	1,18,000.00	43,926.00	74,074.00	
226	Carrying out The Third Party Quality Assurance Consultancy (TPQAC) for the construction and development of Kendriya Vidyalaya School at Vyasnagar, Jajpur District, Odisha			8,00,000.00	8,00,000.00	2,57,627.00	5,42,373.00	
227	Vetting of Ardent GHG Emission Report			76,700.00	76,700.00	75,400.00	1,300.00	
228	Structural vetting of RCC culvert bridges, and station buildings			3,46,625.00	3,46,625.00	1,29,044.00	2,17,581.00	
229	Proof checking of structural design of Lube Hub (34x75m) in size for foundation and superstructure			1,18,000.00	1,18,000.00	38,000.00	80,000.00	
230	Structural adequacy of existing water tank for 1.5m and 3m steel pole on top			1,47,500.00	1,47,500.00	1,47,500.00	-	
231	Proof checking of Design and Drawing of substructure for elevated double track viaduct at GUA Railway station Jharkhand			23,05,425.00	23,05,425.00	7,42,425.00	15,63,000.00	
232	Development of Drone System for Cleaning High Rise Buildings & for spraying Pesticides			53,690.00	53,690.00	18,690.00	35,000.00	
233	Proof checking of desing and drawing of 1 x 11.65m RCC Slab Bridge			2,95,000.00	2,95,000.00	95,000.00	2,00,000.00	
234	Mix design for SCC for SCB Medical College Cuttack			3,54,000.00	3,54,000.00	3,24,000.00	30,000.00	
235	Durability Testing of Soil Stabilised with Soil Tech MK III as per IRC: SP 89 (PART-II)-2018			1,59,300.00	1,59,300.00	59,300.00	1,00,000.00	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

Sn.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
236	Scrutiny of Chimney design calculations & Drawings (For WHRB & CFBC Chimneys)			81,125.00	81,125.00	26,125.00	55,000.00	
237	Testing of steel samples collected from various stel plants			4,78,378.00	4,78,378.00	4,78,378.00	-	
238	Proof checking of Design and Drawing of POT PTFE Bearings for ROB at MCL Talcher			3,54,000.00	3,54,000.00	1,14,000.00	2,40,000.00	
239	Proof checking of design and drawings for the three lane bridge over railway track between Mancheswar-Vanivihar			2,50,000.00	2,50,000.00	80,509.00	1,69,491.00	
240	Stabilization of Soil using Etonis 1400S for application in Road Pavements			2,65,235.00	2,65,235.00	98,735.00	1,66,500.00	
241	Proof checking of Elevated service Reservoir on precast basis at Dharmasala, Rasulpur & Danagadi			1,50,000.00	1,50,000.00	48,305.00	1,01,695.00	
242	Carrying out The Third Party Quality Assurance Consultancy (TPQAC) for the Construction and Development of Kendriya Vidyalaya School at Balasore district, Odisha			8,00,000.00	8,00,000.00	2,57,627.00	5,42,373.00	
243	Vetting of structural design and drawing of G+7 storied (Block-A) and B+G+4 (Block-B) Hotel and Convention centre of MAYFAIR Sanctuary			14,98,600.00	14,98,600.00	5,21,677.00	9,76,923.00	
244	Rut Test for DBM-2 Grade HMA			1,18,000.00	1,18,000.00	43,926.00	74,074.00	
245	Structural Design Suggestion for restoration of P8 and strengthening of P9 and P11 of Belabahali Major Bridge LHS at Km 35+341 of New NH-20, Odisha			6,63,750.00	6,63,750.00	2,13,750.00	4,50,000.00	
246	Structural adequacy of the existing plants (1,2,3) and dam administrative building			1,47,500.00	1,47,500.00	47,500.00	1,00,000.00	
247	Residual stress measurement in welded pipes and plates			5,77,499.50	5,77,499.50	2,01,033.14	3,76,466.36	
248	Proof checking of structural design and drawing of the bridge across simuli nallah, Keonjhar			5,01,500.00	5,01,500.00	1,61,500.00	3,40,000.00	
249	Carrying out the Third Party Quality Assurance Consultancy (TPQAC) for the construction and development of Kendriya Vidyalaya School at Kakinada Andhra Pradesh			8,00,000.00	8,00,000.00	2,57,627.00	5,42,373.00	
250	Mix designs for BHEL Talcher			2,50,000.00	2,50,000.00	87,028.00	1,62,972.00	
251	Carrying out Environmental Audit of Smelter Plant, NALCO and issue of no increase in pollution load certificate			4,13,000.00	4,13,000.00	1,33,000.00	2,80,000.00	
Total		4,28,09,002.90	15,002.00	5,49,35,039.58	9,77,29,042.48	4,66,00,080.22	5,12,01,962.26	73,002.00

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 3 SEED MONEY PROJECTS

Sl. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
1	Unnat Bharat Abhiyan Cells	15,60,504.00	-	-	15,60,504.00	15,60,504.00	-	-
2	Design and Impementation of a Wireless Sensor Network Testbed	73,088.00	-	-	73,088.00	-	73,088.00	-
3	Domain Decomposition Methods for Non-linear Problems	41,206.00	-	-	41,206.00	-	41,206.00	-
4	Significance of monitoring molten pool thermal history and its influence on evolution of microstructure and mechanical properties in case of Titanium based ceramic metal matrix composite coatings deposited on nickel based super alloys using laser cladding process	89,924.00	-	-	89,924.00	-	89,924.00	-
5	Modelling the Mechanical Behavior Mcro and Nanoporous Metals	7,350.00	-	-	7,350.00	-	7,350.00	-
6	Development of vibration assisted machining setup to address surface integrity issues on hard turned parts	3,42,546.00	-	-	3,42,546.00	-	3,42,546.00	-
7	Design, development and analysis of integrated dual-output converter (IDOC) Technology for Renewable Integration	2,36,273.00	-	-	2,36,273.00	-	2,36,273.00	-
8	Application of low altitude unmanned aerial vehicle (UAV) photogrammetry in rapid urban mapping for flood preparedness, damage assessment and sustainable development planning	9,23,376.00	-	-	9,23,376.00	-	9,23,376.00	-
9	Runtime Monitoring of (Timed) Properties	5,86,120.00	-	-	5,86,120.00	77,817.00	5,08,303.00	-
10	Finite Element based integrated analysis tool for Carbon Nano-tube (CNT) reinforced composites using refined kinematic model	2,85,122.00	-	-	2,85,122.00	-	2,85,122.00	-
11	High directivity compact microstrip couplers using distributed realization of lumped elements	5,93,349.00	-	-	5,93,349.00	9,520.00	5,83,829.00	-
12	Influence of Grain size and gain size distribution on the creep behaviour of Mg	20,050.00	-	-	20,050.00	-	20,050.00	-
13	A study on fly ash-geosynthetics interaction characteristics pertinent to bridge abutment	9,08,000.00	-	-	9,08,000.00	-	9,08,000.00	-
14	TAML:Timing Analysis with Machine Learning	1,08,004.00	-	-	1,08,004.00	-	1,08,004.00	-
15	Smart grid data analytics and algorithms for advanced management of T&D systems in the context of large scale renewable integration and demand side management	10,00,000.00	-	-	10,00,000.00	-	10,00,000.00	-
16	Development of non-toxic, cost-effective and stable mid-temperature (>300°C) thermoelectric materials (both p & n-type) with enhanced thermoelectric figure-of-merit" (SiGe alloys and Hf-free Half-Heusler Alloys).	9,80,140.00	-	-	9,80,140.00	9,79,650.00	490.00	-
17	Angel and Auto-commutator word map	2,90,779.00	-	-	2,90,779.00	-	2,90,779.00	-
18	Multiphysics analysis of cracked photovoltaic solar cells	6,18,958.00	-	-	6,18,958.00	-	6,18,958.00	-
19	Effect of texture and grains size on mechanical and corrosion preperitiesof Mg and its alloys	9,78,881.00	-	-	9,78,881.00	34,354.00	9,44,527.00	-
20	Investigation the role of aseismic slip in the generation of fluid-induced earthquakes – A combined modelling, observational and data-assimilation based study	1,03,013.00	-	-	1,03,013.00	-	1,03,013.00	-
21	Development of novel two-layered pervious concrete for pavement applications	5,51,312.00	-	-	5,51,312.00	3,06,870.00	2,44,442.00	-

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

SCHEDULE - 3A 3 SEED MONEY PROJECTS (Contd.)

Sl. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
		Credit	Debit				Credit	Debit	
1	2	3	4	5	6	7	8	9	
22	Application of textured tools under cryogenic cooling environment for the machining of difficult to machine material	4,38,025.00	-	-	4,38,025.00	3,97,896.00	40,129.00	-	-
23	Development of Multiscale modelling methods to predict quantum properties of 2D material heterostructures	4,75,800.00	-	-	4,75,800.00	47,670.00	4,28,130.00	-	-
24	CHL black holes and rademacher expansion	10,00,000.00	-	-	10,00,000.00	-	10,00,000.00	-	-
25	Phase field modelling of precipitate coarsening in superalloys: Effect of composition dependent mobility	9,99,200.00	-	-	9,99,200.00	-	9,99,200.00	-	-
26	Optimization of Service Completion Time for Distributed Gradient Descent Algorithm in the Presence of Straggler Nodes	2,95,604.34	-	-	2,95,604.34	6,93,603.00	-	-	3,97,998.66
27	Modeling of topologically interlocked high-performance composites	-	80,386.00	-	(80,386.00)	42,726.00	-	-	1,23,112.00
28	Compact, efficient and optimized wide bandgap semiconductor-based power converter solutions for power quality improvements.	-	91,778.00	-	(91,778.00)	-	-	-	91,778.00
29	Energy Consumption in Tribal Odisha a path towards Solar Electrification	-	-	-	-	2,62,851.00	-	-	2,62,851.00
30	Numerical simulations of ultra-sensitive biosensing and enhanced non-linear effect in whispering gallery mode microresonators	-	-	-	-	3,97,475.00	-	-	3,97,475.00
31	Receiver Equalizer design for lossy serial links in CMOS Technology	-	-	-	-	2,200.00	-	-	2,200.00
32	Design of QoS-Aware Gateway for Reliable IoT Communication Networks	-	-	-	-	7,97,169.00	-	-	7,97,169.00
	Total:	1,35,06,624.34	1,72,164.00	-	1,33,34,460.34	56,10,305.00	97,96,739.00	20,72,583.66	

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Income & Expenditure Account for the Year Ended 31st March 2023

(Amount in ₹)

INCOME	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Bank Intrest	11,51,683.00	11,35,290.00
Student Semister Registration Fees	14,19,18,509.00	10,22,44,115.00
Boarding charges	12,88,249.72	2,21,455.00
Fine to Student & Contractor	2,31,000.00	2,05,500.00
License fees recovery	12,16,900.00	7,67,700.00
Other Income	-	24,58,500.00
Total	14,58,06,341.72	10,70,32,560.00
EXPENDITURE	CURRENT YEAR 2022-23	PREVIOUS YEAR 2021-22
Hostel Office Staff Salary	1,13,31,709.00	73,92,046.00
Housekeeping charges	1,85,86,073.00	1,34,01,968.00
Mess Expenses	9,57,49,909.00	6,11,21,965.00
Repair & Maintainance	56,26,940.00	13,39,216.00
Student Welfare	4,30,654.00	4,63,931.00
News Paper & Periodicals	44,050.00	13,732.00
Office Contingency	13,98,104.00	25,74,009.00
AMC Charges	2,99,540.00	2,36,837.00
Pest control service	4,55,038.00	3,76,110.00
Audit Fees	17,700.00	17,700.00
Printing & Stationary	87,456.00	1,60,074.00
Bank charges	5,487.20	11,203.98
Security Service exp	1,29,52,281.00	1,05,46,920.00
Total	14,69,84,941.20	9,76,55,711.98



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

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