# Indian Institute of Technology Bhubaneswar

# Statement of Accounts
## 2023-24

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# 2023-24

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

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

Ltr No: Central Expenditure Audit/2024-2025/DIS-2293849
Date: 19 Dec 2024

To,

The Director,
Indian Institute of Technology (IIT),
Bhubaneswar, Odisha

Subject: Separate Audit Report (SAR) on the accounts of the Indian Institute of Technology (IIT), Bhubaneswar, Odisha for the year 2023-24

Sir/Madam,

Separate Audit Report on the accounts of the Indian Institute of Technology (IIT), Bhubaneswar, Odisha for the year 2023-24, Annexure 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.

Yours faithfully,

Encls: As above

BIBHANSHU SHEKHAR NAYAK
Deputy Director CRA

No. DGA(C)/BO-Odisha/SAR.2023-24/IIT-BBSR/2024-25/ Date: 19.12.2024

सेवामे ,

The Secretary,
Govt. of India, Ministry of Education,
Department of Higher Education, 'C' Wing,
Shastri Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110001.

Sub- Separate Audit Report (SAR) on the accounts of theIndian Institute of Technology (IIT), Bhubaneswar, Odisha for the year 2023-24 – regd.

Sir/Madam,

Separate Audit Report on the accounts of the Indian Institute of Technology (IIT), Bhubaneswar, Odishafor the year 2023-24, Annexure thereof and one copy of the Annual Accounts are forwarded herewith for placing before both the Houses of Parliament.

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आपसेअनुरोधहैकीसंलग्नककेसाथइसपत्रकीप्राप्तिकोस्वीकारकरें ।

Yours faithfully,

Sd/-

Encl: as above

Director General of Audit (Central)

No. DGA(C)/BO-Odisha/SAR.2023-24/IIT-BBSR/2024-25/ 534 Date: 19.12.2024

Copy to The Director, Indian Institute of Technology (IIT), Bhubaneswar, Odishaalong with one copy of Annual Accounts for the year 2023-24

Yours faithfully,

Encl: as above

Director General of Audit (Central)

# Separate Audit Report on the accounts of Indian Institute of Technology (IIT), Bhubaneswar for the year ended 31st March 2024

We have audited the attached Balance Sheet of the **Indian Institute of Technology, Bhubaneswar** as at 31 March 2024, the 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 & Conditions of Service) Act, 1971, read with Section 23(2) of the Institutes of Technology Act. 1961. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.

1. This Draft 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.

2. 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.

3. 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 & Payments Account dealt with by this Report have been drawn in the Format of Accounts, prescribed by Government of India, Ministry of Education, for Central Higher Educational Institutions.

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

   iv) We further report that:

**A. Balance Sheet**

**A.1. Source of Funds**

**A.1.1 Designated/Earmarked/Endowment fund (Schedule 2): ₹ 241.35 crore**

**(Reference Number: OBS-1515438)**

The Institute depicted fund amounting to ₹ 1,38,11,290 as Institute overhead under Designated/ Earmarked/Endowment fund (Corpus Fund) during the year 2023-24. However, Balance Sheet of the Sponsored Research and Industrial Consultancy (SRIC) showed ₹ 2,53,63,208 as Institute Overhead. This resulted in understatement of Corpus Fund by ₹ 11551918.

**A.1.2 Current Liabilities and Provisions (Schedule 3): ₹ 207.02 crore**

**(Reference Number : OBS-1515442)**

i) As per significant accounting policy, the unutilized grants at the year end includes advances on Capital Account.

   Under Schedule 8- Loans, Advances & Deposits the Institute depicted ₹ 8,48,58,232 as advances on Capital Account. But the same was not depicted under Current Liabilities and Provision (Schedule-3) as unutilized grants from GOI (Capital). This resulted in understatement of Current Liabilities by ₹ 8,48,58,232.

ii) All interests or other earnings against Grants-in-aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalisation of the accounts. Such advances should not be allowed to be adjusted against future releases.

The Institute earned interest of ₹ 3,58,333 on unspent grants during the year 2022–23 and did not refund even after completion of financial year 2023–24. This resulted in overstatement of Current Liabilities and Provisions and Current Assets by ₹ 3,58,333.

**A.1.2. Application of Funds**

**A.1.2.1 Fixed Assets (Schedule 4) : ₹ 1246.31 crore**

**(Reference Number: OBS-1535608)**

i) As per information made available to audit (by Engineering section) the work *'Football field'* worth ₹53,46,640 *(UC-68of NBCC)* was taken over by the Institute on11.3.2024. However,the same was not capitalized.This understated fixed assets by ₹53,46,640 and overstated CWIP by equal amount.

**(Reference Number: OBS-1535693)**

ii) Two original work/capital nature of works worth **₹4065305** as detailed below were completed during 2023–24 :

| Sl no | Name of the work | WO No /dt | WO value(₹) | Completion cost(₹)/ Date of completion | Remarks(agency/dt of payment) |
|---|---|---|---|---|---|
| 1 | SITC of 6M street light poles ,2.5M post top and 90 LED street light | Est/6.1.24 | 2695553 | 2962187/26.1.24 | M/s Civelcon Engineers & Associates/PV3356 dt23.3.24 |
| 2 | Supply and fixing of kota stone for paving path infrontof schools and hostels and Directors bunglow | Est/20.10.20 | 1325842 | 1103118/7.8.23 | M/s Jagannath Casting &Engineering,Bbsr/Pv no.1872 dtd21.11.23 |
| **Total** | | | | **4065305** | |

Instead of capitalizing the work under Fixed Assets, the expenditure was treated as revenue expenditure and booked under *'Repair and maintenance'*. This resulted in understatement fixed assets and overstatement of revenue expenditure each by ₹**4065305**. Further, depreciation of ₹170171 *[@ 5% of 2962187 and 2% of 1103118* was not charged which resulted in understatement of depreciation/expenditure by ₹170171.

**A.1.2.2 Investment- others (Schedule -6): ₹ 229.54 crore.**

**(Reference Number: OBS-1515445)**

As per format of Financial Statements for Central Higher Educational Institutions prescribed by Ministry of Education, investment made against Earmarked/Endowment fund need to be disclosed under Schedule–5 and investment of surplus fund will be included under Investment– other (Schedule– 6).

The Institute accounted for Student Brotherhood Fund *(an Earmarked fund)* of ₹85,87,968 under Investment– others (Schedule– 6) which was in contravention to the accounting policy.

This resulted in overstatement of Investment –Others (Schedule–6) by ₹85,87,968 and understatement of Investment from Earmarked/Endowment Fund by the same extent

**A.1.2.3 Loan, Advances & Deposits (Schedule-8) : ₹ 47.23 crore**

**(Reference Number: OBS-1535148)**

i) Ministry of Education vide letter F.No.23011/02/2018/ dtd 25.10.2018 advised the Centrally Funded Institutions and Central Universities ***not to exhibit*** the negative balance corresponding to the fund spent from the Internal Revenue Generation (IRG) in the books of accounts, instead IRG/Corpus fund should be debited corresponding to the expenditure incurred out of it.

The Institute incurred excess expenditure of ₹4,36,59,342 against the Grant– in –Aid ₹ 20001.55 lakh available for expenditure during the year 2023–24. The excess expenditure was met from

IRG and the amount was exhibited as *'Receivable from Ministry'* under Schedule -8. This resulted in overstatement of Loan, Advances and Deposits by ₹4,36,59,342 and understatement of Corpus by the same extent.

**(Reference Number: OBS-1535148)**

ii) As per GOI guidelines, MOE would pay entire interest and 75 percent of HEFA loan principal repayment instalments while the Institute has to pay 25 percent of HEFA loan out of its own generated income..

The Institute paid ₹ 2,67,11,250 towards Ministry's contribution at the year end after closure of fixed deposits created against security deposits of HEFA loan. The Ministry reimbursed the amount in May 2024.But the amount was not exhibited as *'Receivable from Ministry'* under Schedule-8 .This resulted in understatement of Loan, Advancesand Deposits by ₹2,67,11,250 and overstatement of Secured Loan (HEFA) *[Schedule 3(I)]* by the same extent.

**(Reference Number: OBS-1535778)**

iii) Prepaid expenses of ₹ 21759 (proportionate amount for 2024-25) in respect of following was booked as expenditure for the year 2023-24.

| Description | Firm | period | Total amount paid (₹) | Proportionate amount for 2024-25 (₹) | Remarks |
|---|---|---|---|---|---|
| Insurance of tractor OD02AQ4812 | United India Insurance company Ltd | 7.11.23 to 06.11.24 | 22454 | 13472 | Insurance |
| Licence for software | Tristar software solution | Aug'23 to Aug'24 | 21547 | 8287 | Other-licence |
| **Total** | | | | **21759** | |

This resulted in understatement of prepaid expenses and overstatement of deficit each by ₹21,759.

**B. Income and Expenditure Account**

**B.1 Income**

**B.1.1 Academic Receipt (Schedule 9): ₹ 16.24 crore**

**(Reference Number: OBS-1515449)**

The Institute received ₹ 40.85 crore as academic receipts during the year 2023-24. Out of this expenditure of ₹ 14.76 crore was incurred under various head as detailed below and ₹ 9.85 crore was transferred to Corpus Fund leaving balance of ₹16.24crore. Further, ₹ 16.24 crore only was taken as '*Income*' under Income and Expenditure Account which resulted in understatement of Income by ₹ 2,460 and overstatement of deficit by the same extent.

₹ in *lakh)*

| Received during 2023-24 | Expenditure incurred | Transferred to |
|---|---|---|
| Academics - ₹ 2148.13 lakh | Repayment HEFA- ₹ 987.50 lakh | Hostel Exp. - ₹ 1624.20 lakh |
| Examination- ₹ 37 lakh | SD HEFA- ₹ 300 lakh | Corpus Fund - ₹ 985.23 lakh |
| Other fee- ₹ 260.37 lakh<br>Hostel fee- ₹ 1624.20 lakh | KV IIT BBSR- ₹ 170.71 lakh | |
| Sale of publication- ₹ 15.43 lakh | Creche- ₹ 17.50 lakh | |
| Total- ₹ 4085.13 lakh | Total- ₹ 1475.71 lakh | Total- ₹ 2609.43 lakh |
| Understatement to Academic receipt =<br>₹ 4085.13 lakh - (₹1475.71 lakh + ₹ 985.23 lakh) = ₹ **2460.94 lakh** | | |

**B.1.2 Income from Investment (Schedule 11): ₹ Nil**

(**Reference Number: OBS-1515449)**

As per significant accounting policy, the income from Earmarked/Endowment Investments· shown in Schedule-11 will be transferred to Earmarked/Endowment Funds, leaving no balance and Income on Investments – others, the total of which will appears in the Income and Expenditure Account as Income from Investments.

The Income generated from own sources and income generated from the investment of the funds needs to be included as Income under Income and Expenditure Account.

The Institute earned interest of ₹ 13,14,81,037 from investment of Corpus fund (₹ 228.68 crore), but did not depict the amount as '*income*' under Income and Expenditure Account. This resulted in understatement of Income by ₹ 13,14,81,037 and overstatement of deficit by the same extent.

**B.1.3 Interest Earned (Schedule -12): ₹ 0.33 crore.**

**(Reference Number: OBS-1527447)**

The Institute earned interest of ₹3,86,13,915 during the year 2023-24. Out of this, an amount of ₹ 3,53,31,089 was directly included in the Corpus Fund instead of routing it through Income and Expenditure A/c.This resulted in understatement of income by ₹3,53,31,089 and overstatement of deficit by the same extent.

**B.2 Expenditure**

**B.2.1 Establishment Expenses : ₹ 72.83 crore.**

**(Reference Number: OBS-1516439 )**

As per instructions and accounting principles attached to common format of financial statements the prior period items shall be separately disclosed under the head *'Prior Period expenses'*so that the effect thereof on the net expenditure for the year is known in respect of Schedule-15 Staff payments and benefits (Establishment expenses).

An amount of ₹21,04,626 paid towards leave salary and pension contribution in respect of ex-Registrar for his deputation period from 24.5.2019 to 23.5.2021 was depicted as expenditure for 2022-23under Schedule-15 instead of showing asestablishment expenses under Schedule-22 Prior Period expenses. This resulted in understatement of Prior Period expenditure and overstatement of deficit by ₹21,04,626.

**C. Receipt and Payment: Nil**

**D. General :**

**(Reference Number: OBS-1515438)**

i) As per MOE format , the interest on investment under Earmarked/Endowment fund should be shown under Schedule 11 and Schedule- 2 of the Annual Account. The Institute earned interest of ₹ 16,65,319 on Investment of Student Brotherhood fund (an Earmarked fund) and added the interest directly to the fund (under Schedule 2) without showing the interest amount under Schedule 11. This needs to be rectified.

**(Reference Number: OBS-1537364)**

ii) The Govt. of Odisha allotted(2017) land measuring 40 acres of at Laudigaon in the district of Ganjam for *Establishment of the Observatory and Innovation Centre for Climate Chang* for 99 years free of premium and incidental charges(subject to payment of ground rent and cess at concessional rate of ₹100 per acre and cess of ₹3000) .The lease deed was signed between the Collector, Ganjam and the Directo,IIT, Bhubaneswar on 30.11.2020 and expenditure of ₹2250 was incurred towards stamp paper and fees. Further ground rent and cess of ₹7000 per annum is being paid by the Institute.

Though quantum of land alloted at *'Argul'* campus and the fact regarding expenditure incurred towards conversion and related expenses is disclosed in Schedule-24, the land (measuring 40 acres) allotted at ***Laudigaon***isnot disclosed. Further expenditure of ₹2250 incurred towards stamp paper and fees was not shown under *land* in Schedule-4 Fixed assets.

**(Reference Number:OBS-1579809)**

**iii) Administrative and general expenses (Schedule–17):**

As per significant accounting policies of the Institute ( Sch–23, para 5) Borrowing cost on capitalized assets are treated as revenue expenses under ‘Finance cost’.The cost towards stamp paper and hythecation amounting to ₹2,37,18,160 was booked as administrative and general expenses (Sch–17). This is in contradiction to the accounting policiesdiscolsed.

**(Reference Number: OBS-1579809)**

iv) Work–wise expenditure position in respect of ongoing deposit(CPWD) works /NBCC works was not maitained. In absence of the same correctness of the figures shown under CWIP could not be verified (work–wise)in audit.

v) Though pointed out in the previous year’sSeparate Audit Report (2022–23), the unclaimed EMD/ security deposit lying with Instituteunclaimed formore than three completed financial years were nor transferred to Other Income (Schedule–13) as miscellaneous income.

vi) Though pointed out in the previous year’sSeparate Audit Report (2022–23), retirement benefits to employees were not provided on actuarial valuation basisin contravention to the AS–15.

**E. Receipt and Utilization of Grants-in-Aid:**

**(Ref. No: OBS-1507362)**

The Institute received total grants of ₹ 20001.55 lakh from MOE during the year 2023–24. After adjustment of previous year’s closing balance of (–)₹ 982.65 lakh and refund of Rs. 44.95 lakh. A total of ₹ 1,8973.95 lakh was available for expenditure during the yearagainst which the Institute incurred expenditure of ₹ 19410.54 lakh during the year.

i) 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.

ii) 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 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, Bhubaneswar** as at 31 March 2024; and

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

Heme

**Director General of Audit (Central)**

# Annexure-I
# (Annexure to DSAR)

| | | |
|---|---|---|
| 1. | Adequcacy of Internal audit | No internal audit manual were prepared |
| 2 | Adequcacy of Internal Internal control | Internal audit was inadequate as capital expenditure treated revenue expenditure. |
| 3 | System of physical verification of fixed asset | Physical verification of fixed assets was not conducted for 2023-24 as on date of balance sheet. |
| 4 | System of physical verification of inventory | Physical verification of Inventories was not conducted for the year 2023-24 |
| 5 | Regularity in payment of statutory dues | Statutory dues were paid regularly. |

***Deputy Director (CRA)***

# Contents

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## Balance Sheet as at 31st March 2024

(Amount in ₹ )

| SOURCES OF FUNDS | Schedule | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **Capital Fund** | 1 | 9,203,779,590.60 | 8,904,851,430.93 |
| Designated/Earmarked/Endowment Funds | 2 | 2,413,570,838.99 | 2,124,973,560.91 |
| Current Liablities & Provisions | 3 | 2,070,205,919.80 | 2,149,591,958.86 |
| Secured Loan | 3 (I) | 3,066,562,233.00 | 1,921,678,000.00 |
| **TOTAL** | | **16,754,118,582.39** | **15,101,094,950.70** |

| APPLICATION OF FUNDS | Schedule | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **Fixed Assets** | 4 | | |
| Tangible Assets | | 13,164,712,124.34 | 12,134,748,403.71 |
| Intangible Assets | | 697,546,961.10 | 628,244,722.10 |
| Capital Work-In-Progress | | 1,691,637,166.00 | 1,427,919,750.00 |
| | | **15,553,896,251.44** | **14,190,912,875.81** |
| Less:- Depreciation | | 3,090,737,277.33 | 2,675,361,756.93 |
| **Net Block Fixed Assets** | | **12,463,158,974.11** | **11,515,551,118.88** |
| Investments from Earmarked Funds/Endowmwnt Funds | 5 | | |
| Long Term | | 115,775,236.24 | 109,254,271.91 |
| Short Term | | - | - |
| Investments-Others | 6 | 2,295,434,285.95 | 1,945,189,926.71 |
| Current Assets | 7 | 1,407,436,306.12 | 703,094,996.73 |
| Loans, Advances & Deposits | 8 | 472,313,779.97 | 828,004,636.47 |
| **TOTAL** | | **16,754,118,582.39** | **15,101,094,950.70** |
| Significant Accounting Policies | 23 | | |
| Contingent Liabilities and Notes to Accounts | 24 | | |

**Registrar**
IIT Bhubaneswar

**Director**
IIT Bhubaneswar

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## Income & Expenditure Account for the Year Ended 31st March 2024

(Amount in ₹ )

| INCOME | Schedule | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **Academic Receipts** | 9 | 162,420,304.55 | 144,654,658.72 |
| Grants/Subsidies | 10 | 1,358,932,131.00 | 1,073,100,000.00 |
| Income from Investments | 11 | - | - |
| Interest Earned | 12 | 3,282,825.12 | 1,151,683.00 |
| Other Income | 13 | 219,289,569.90 | 190,313,955.32 |
| Prior Period Income | 14 | - | - |
| **TOTAL (A)** | | **1,743,924,830.57** | **1,409,220,297.04** |
| **EXPENDITURE** | | | |
| Staff Payments & Benefits (Establishment Expenses) | 15 | 728,332,000.00 | 532,668,708.03 |
| Academic Expenses | 16 | 220,658,309.50 | 271,718,102.50 |
| Administrative and General Expenses | 17 | 617,786,097.39 | 504,404,951.78 |
| Transportaion Expenses | 18 | 13,065,993.00 | 11,028,721.00 |
| Repairs & Maintenance | 19 | 61,858,653.00 | 37,493,778.00 |
| Finance cost | 20 | 76,982.65 | 2,009,910.21 |
| Depreciation & Impairment loss | 4 | 415,375,520.40 | 475,217,351.87 |
| Other Expenses | 21 | - | - |
| Prior Period Expenses | 22 | 11,533,332.00 | 10,388,518.49 |
| **TOTAL (B)** | | **2,068,686,887.94** | **1,844,930,041.88** |
| Balance being excess of Expenditure over Income ( A - B ) | | (324,762,057.37) | (435,709,744.84) |
| **Balance being deficit carried to capital fund** | | **(324,762,057.37)** | **(435,709,744.84)** |
| Significant Accounting Policies | 23 | | |
| Contingent Liabilities and Notes to Accounts | 24 | | |

**Registrar**
IIT Bhubaneswar

**Director**
IIT Bhubaneswar

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## Receipts and Payments Account for the Year Ended 31st March 2024

(Amount in ₹)

| SI No. | RECEIPTS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 | SI No. | PAYMENTS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|---|---|---|---|
| **I.** | **Opening Balance** | | | **I.** | **EXPENSES** | | |
| | a) Cash in Hand | - | - | | a) Establishment Expenses | 640,919,968.00 | 465,061,821.03 |
| | b) Bank Balances | | | | b) Academic Expenses | 212,624,978.50 | 231,945,805.93 |
| | i) In Current accounts | - | - | | c) Administrative Expenses | 98,053,540.00 | 59,589,181.00 |
| | ii In deposit accounts | - | - | | d) Transportation Expenses | 102,285.00 | - |
| | iii) In Savings accounts | 129,078,984.81 | 216,257,516.41 | | e) Repairs & Maintenance | 330,984.00 | 188,071.00 |
| | | | | | f) Prior Period Expenses | 16,878.00 | 6,785,500.00 |
| | | | | | g) Finance Cost | 76,982.65 | 44,328.21 |
| | | | | | h) Expenses from IRG | 16,559,463.00 | 6,690,417.00 |
| **II.** | **Grants Received** | | | **II.** | **Payment against Earmarked/ Endowment Funds** | 3,560,471.00 | 1,650,837.00 |
| | a) From Govt. of India | 2,000,155,205.00 | 1,709,207,568.00 | | | | |
| | b) From State Government | - | - | | | | |
| | c)From Other Sources(Details) | - | - | | | | |
| | (Grants from Capital and Revenue expenses to be Shown Separately) | | | | | | |
| **III.** | **Academic Receipts** | 304,596,915.56 | 359,977,182.00 | **III.** | **Payment against Sponsored Projects/ Schemes** | 501,230,939.25 | 191,359,228.45 |
| **IV.** | **Receipts against Earmarked/ Endowment Funds :** | | | **IV.** | **Payment against Sponsored Fellowships/ Scholarships** | - | - |
| | a)Earmarked/Endowment Fund | 5,000,000.00 | 5,000,000.00 | | | | |
| | c)Own Funds (other Investment) | - | - | | | | |
| **V.** | **Receipts against Sponsored Projects/ Schemes** | 504,141,282.12 | 164,952,921.01 | **V.** | **Investments and Deposits made** | | |
| | | | | | a) Out of Earmarked/ Endowment funds | 8,747,524.01 | - |
| | | | | | b) Out of Own funds (Investments - other) | 484,134,289.00 | 12,586,381.00 |
| VI. | Receipts against Sponsored Fellowships and Scholarships | - | - | **VI.** | **Term Deposits with Scheduled Banks** | 518,197,008.30 | 1,059,114,113.07 |
| **VII.** | **Income/ receipt on Investment** | | | **VII.** | **Expenditure on Fixed Assets and Capital Wrok-in-Progress** | | |
| | a) Earmarked/ Endowment funds | 1,937,612.00 | 1,760,513.90 | | a) Fixed Assets | 1,499,567.67 | 397,932.00 |
| | b) other Investments | 200,873.00 | 249,932.00 | | b) Capital Works-in-Progress | - | 12,915,521.00 |
| **VIII.** | **Intrest received on** | | | **VIII.** | **Other Payments including statutory payments** | 974,784,459.67 | 887,981,629.34 |
| | a) Bank deposits | 15,544,950.00 | 2,873,126.20 | | **Capital fund** | | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## Receipts and Payments Account for the Year Ended 31st March 2024 (Contd.)

(Amount in ₹)

| Sl No. | RECEIPTS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 | Sl No. | PAYMENTS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|---|---|---|---|
| | b) Loans and Advances | 228,233.00 | - | | **HEFA Loan** | 497,444,151.00 | 381,946,269.00 |
| | c) Savings Bank Accounts | 1,492,570.00 | 1,036,992.00 | | | | |
| **IX.** | **Investments encashed** | - | - | **IX.** | **Refunds of Grants** | | |
| | | | | | Refunds of Grants | 4,494,719.00 | 42,672,358.00 |
| | | | | | Refund of Interest on Govt. Grants | - | 22,984,798.66 |
| **X.** | **Term Deposits wih Scheduled Banks encashed** | 733,944,259.68 | 810,362,982.69 | **X.** | **Deposits and Advances** | - | - |
| | | | | | | | |
| **XI.** | **Other Income (including Prior Period Income)** | | | **XI.** | **Other Payments** | | |
| | Institute | 3,954,177.91 | 6,352,282.49 | | | | |
| | Hostel Receipts | 3,243,438.55 | 101,827,122.04 | | Hostel | 1,018,960.21 | 3,601,028.00 |
| | Receipt against Hostel Current Assets | 36,616,595.00 | 32,470,000.00 | | Hostel Payment against Fixed Assets | 525,758.00 | 2,147,745.00 |
| | CEP Receipts | 125,362,472.84 | 48,847,903.43 | | Hostel Payment against Current Liabilities | 30,815,767.21 | 127,644,772.00 |
| | Gymkhana Receipts | 10,254,163.00 | 4,628,700.64 | | CEP Payments | 45,643,024.69 | 47,096,537.27 |
| | Guest House Receipts | 5,315,250.00 | 4,949,473.36 | | Gymkhana payments | 8,427,091.03 | 8,690,283.00 |
| | S K Bet Receipts | 16,282,426.00 | 18,694,447.00 | | Guest House Payments | 4,854,729.71 | 4,976,735.91 |
| | | | | | S K Bet Payments | 14,801,163.38 | 18,687,858.00 |
| **XII.** | **Deposits and Advances** | | 4,93,59,162.25 | **IX** | **Closing Balances** | | |
| | | | | | a) Cash in Hand | - | - |
| **XIII.** | **Miscellaneous Receipts including Statutory Receipts** | 408,506,259.08 | 236,389,472.51 | | b) Bank Balances | | |
| | | | | | i) In Current accounts | - | - |
| **XIV** | **Any Other Receipts** | - | - | | ii In deposit accounts | - | - |
| | | | | | iii) In Savings accounts | 236,990,965.27 | 129,078,984.81 |
| | **TOTAL** | **4,305,855,667.55** | **3,725,838,135.68** | | **TOTAL** | **4,305,855,667.55** | **3,725,838,135.68** |

**Registrar**
IIT Bhubaneswar

**Director**
IIT Bhubaneswar

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-1: CAPITAL FUND

(Amount in ₹ )

| | PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| | **Balance at beginning of the year** | 8,904,851,430.93 | 8,856,876,179.70 |
| Add: | MOE Grant for Repayment of HEFA Loan | 359,538,750.00 | 206,250,000.00 |
| Add: | MOE Grant for Repayment of HEFA Loan Interest | 137,690,455.00 | 106,946,269.00 |
| Add: | Grants from MOE,Government of India to the extent utilized for capital expenditure | 139,499,150.00 | 263,093,496.50 |
| Add: | HEFA loan repayment (Institute Share) from Fees | 98,750,000.00 | 68,750,000.00 |
| Add: | Encashment of PBG of defaulted contractors engaged by M/S. NBCC LTD | - | 138,727,532.00 |
| Add: | Other Additions (Interest earned on advance to M/S. NBCC LTD) | 32,817,858.00 | 1,938,827.00 |
| Add: | Unutilised Grant Under Head - 35 (shown in Current Liabilities) | 26,317,365.63 | - |
| Less: | Payment of KV IIT Bhubaneswar and other exp from IRG | - | - |
| Less: | HEFA loan Security Deposit (MOE Share) | 170,923,361.59 | - |
| Less: | Unutilised Grant Under Head - 31 and 36 (shown in Current Assets) | - | 38,321,128.43 |
| Less: | refund of Encashment of PBG of defaulted contractors engaged by M/S. NBCC LTD | - | 263,700,000.00 |
| **Total** | | **9,528,541,647.97** | **9,340,561,175.77** |
| Deduct :Deficit transferred from the Income & Expenditure Account | | (324,762,057.37) | (435,709,744.84) |
| **BALANCE AS AT THE YEAR END** | | **9,203,779,590.60** | **8,904,851,430.93** |

# 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 | 2023-24 | PREVIOUS YEAR 2022-23 |
| **A.** | | | | | | |
| **a)** | Opening Balance | 2,004,779,840.96 | 9,032,633.83 | 111,161,086.12 | 2,124,973,560.91 | 1,788,906,045.84 |
| **b)** | Additions during the year | 138,696,284.43 | - | 5,000,000.00 | 143,696,284.43 | 254,614,235.19 |
| **c)** | Income from Investments made on account of funds (Sch - 11) | 131,481,037.44 | 1,665,319.00 | 6,097,826.97 | 139,244,183.41 | 85,196,754.68 |
| **d)** | Other Adjustment | - | - | - | - | - |
| **e)** | Interest on Savings Bank Account (Sch - 11) | 200,873.00 | - | 6,455.00 | 207,328.00 | 219,479.00 |
| **f)** | Other additions- Donations/Grants/Adjustment | 13,811,290.62 | - | - | 13,811,290.62 | 11,551,918.17 |
| **TOTAL (A )** | | **2,288,969,326.45** | **10,697,952.83** | **122,265,368.09** | **2,421,932,647.37** | **2,140,488,432.88** |
| **B.** | | | | | | |
| **Utilisation/Expenditure towards objectives of funds** | | | | | | |
| **i)** | **Capital Expenditure** | | | | | |
| | Fixed Assets | - | - | - | - | - |
| | Others | - | - | - | - | - |
| **ii)** | Revenue Expenditure* | | | | - | |
| | Salaries, Wages and allowances etc. | 1,300,849.00 | - | 3,452,601.00 | 4,753,450.00 | 11,259,131.00 |
| | Rent | - | - | - | - | - |
| | Other Administrative Expenses | - | 200,000.00 | 3,408,358.38 | 3,608,358.38 | 4,255,740.97 |
| **TOTAL (B )** | | **1,300,849.00** | **200,000.00** | **6,860,959.38** | **8,361,808.38** | **15,514,871.97** |
| **CLOSING BALANCE AS AT THE YEAR END (A-B)** | | **2,287,668,477.45** | **10,497,952.83** | **115,404,408.71** | **2,413,570,838.99** | **2,124,973,560.91** |
| **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 | 2023-24 | PREVIOUS YEAR 2022-23 |
| Cash and Bank Balances | 534.17 | - | 1,659,654.70 | 1,660,188.87 | 138,055.36 |
| Investments in TDR | 2,286,846,317.65 | 8,587,968.30 | 115,775,236.24 | 2,411,209,522.19 | 2,124,810,820.75 |
| TDR Mixed with other Term Deposit | - | - | - | - | 24,684.80 |
| **TOTAL** | **2,286,846,851.82** | **8,587,968.30** | **117,434,890.94** | **2,412,869,711.06** | **2,124,973,560.91** |

**Notes** -

1. Institute created Corpus fund as per BOG Agenda No- BOG-15-28. In the financial Year 2023-24 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.
2. As per Student Brotherhood Fund Policy (SBFP) contribution collected from students are added to the Fund along with Interest income.
3. MGM Endoment 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 beed added to the fund account.
4. 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.
5. 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.
6. Investment of Corpus Fund in TDRs (₹2,28,68,46,317.65) shown above included in TDRs for ₹2,28,68,46,317.65 shown in Schedule 6 and (i).

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-2 A: ENDOWMENT FUNDS

(Amount in ₹ )

| Sn. | Name of the Endowment | Opening Balance 2023-24 | | Additions during 2023-24 | | Total | | Expenditure on the object during the FY 2023-24 | Closing Balance 2023-24 | | Total (10+11) 2023-24 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Endowment | Accumulated Interest | Endowment | Interest | Endowment (3+5) | Accumulated Interest (4 + 6) | | Endowment | Accumulated Interest | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | MGM Endoment Fund | 30,000,000.00 | 17,532,096.93 | - | 2,575,609.00 | 30,000,000.00 | 20,107,705.93 | 2,033,616.00 | 30,000,000.00 | 18,074,089.93 | 48,074,089.93 |
| 2 | Best B. Tech thesis in Electrical & Mechanical Sicence (Tejwasi & Dinesh award) | 400,000.00 | 128,821.04 | - | 38,510.40 | 400,000.00 | 167,331.44 | - | 400,000.00 | 167,331.44 | 567,331.44 |
| 3 | Best outgoing student (Fund T. V. Mohandas Pai) | 1,000,000.00 | 268,249.44 | - | 98,988.00 | 1,000,000.00 | 367,237.44 | - | 1,000,000.00 | 367,237.44 | 1,367,237.44 |
| 4 | B K Dey memorial award of most innovative project (Fund Piyali De) | 1,600,000.00 | 474,324.94 | - | 165,398.00 | 1,600,000.00 | 639,722.94 | 5,000.00 | 1,600,000.00 | 634,722.94 | 2,234,722.94 |
| 5 | S K BET Endowment fund | 30,000,000.00 | 24,493,626.08 | - | 2,659,741.00 | 30,000,000.00 | 27,153,367.08 | 4,539,343.38 | 30,000,000.00 | 22,614,023.70 | 52,614,023.70 |
| 6 | Abhijit Gangopadhyay | 128,140.00 | 45,824.69 | - | 9,604.00 | 128,140.00 | 55,428.69 | - | 128,140.00 | 55,428.69 | 183,568.69 |
| 7 | Prof R H Tupakry Award | 5,000,000.00 | 90,003.00 | 5,000,000.00 | 556,431.57 | 10,000,000.00 | 646,434.57 | 283,000.00 | 10,000,000.00 | 363,434.57 | 10,363,434.57 |
| | **TOTAL** | **68,128,140.00** | **43,032,946.12** | **5,000,000.00** | **6,104,281.97** | **73,128,140.00** | **49,137,228.09** | **6,860,959.38** | **73,128,140.00** | **42,276,268.71** | **115,404,408.71** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 3- CURRENT LIABILITIES AND PROVISIONS

(Amount in ₹ )

| A. | | CURRENT LIABILITIES | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|---|
| A | | **Deposits from staff** | - | - |
| B | | **Deposits from students** | | |
| | 1 | Hostel Fees (Caution money) | 12,457,292.00 | 12,903,425.00 |
| | 2 | Hostel Fees (Caution money) Ex-Student | 4,032,000.00 | 1,839,000.00 |
| | 3 | Institute (Caution money) | 6,300,385.00 | 7,412,885.00 |
| | 4 | Institute (Caution money) Ex- Student | 3,360,000.00 | 1,532,500.00 |
| | 5 | Library Fees (Caution money) | 6,328,750.00 | 7,441,250.00 |
| | 6 | Library Fees (Caution money) Ex- Student | 3,360,000.00 | 1,532,500.00 |
| | 7 | Ph D (Caution Money Ex-Student) | 46,000.00 | 46,000.00 |
| | 8 | Mess (Caution Money) | 5,344,146.00 | 8,049,146.00 |
| | 9 | Mess (Caution Money) Ex- student | 5,376,000.00 | 2,452,000.00 |
| | 10 | Other (Caution Money) | 69,947.00 | 69,947.00 |
| | 11 | M Sc (Caution Money) | - | - |
| C | | **Sundry Creditors** | | |
| | 1 | For Goods & Services | 53,066,792.69 | 35,195,809.59 |
| | 2 | Others | 90,292,841.00 | 126,012,496.00 |
| D | | **Deposits-Others(including EMD,Security Deposits)** | | |
| | 1 | EMD | 13,466,161.73 | 11,500,454.73 |
| | 2 | Performance Security (in liew of PBG) | 6,797,952.56 | 7,639,575.56 |
| | 3 | Security Deposit Received | 263,164,415.00 | 141,655,630.00 |
| | 4 | Advances Received | - | - |
| | 5 | JEE (Advance) organisation expenses | 2,504,734.39 | 3,532,308.49 |
| E | | **Statutory Liabilities:** | | |
| | 1 | Duities & Tax - Goods & Service Tax | 5,833,776.65 | 2,591,000.89 |
| | 2 | Others (Annexure- I) | 2,263,353.00 | 3,199,482.00 |
| F | | **Other current Liabilities** | | |
| | 1 | Salaries | 66,328,550.00 | 47,356,463.00 |
| | 2 | Receipts against sponsored projects (R&D) | 293,823,670.96 | 244,004,959.34 |
| | 3 | Receipts against sponsored fellowship & scholarship | 1,028,361.00 | 1,028,361.00 |
| | 4 | Receipts against sponsored fellowship & scholarship (R&D) | 3,042,129.00 | 3,235,652.00 |
| | 5 | Withheld GST from Parties | 4,214,889.00 | 896,573.00 |
| | 6 | HEFA Loan Intrest payable | 39,906,621.00 | 35,246,304.00 |
| | 7 | Guest House Current Liabilities | 505,769.00 | 559,153.00 |
| | 8 | Other Liabilities | 25,665,259.11 | 18,093,356.45 |
| | 9 | Payment returned by Bank | 519,573.00 | 519,573.00 |
| | 10 | PDA - CSIR | 30,000.00 | 30,000.00 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 3- CURRENT LIABILITIES AND PROVISIONS (Contd.)

(Amount in ₹ )

| A. | CURRENT LIABILITIES | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| 11 | DST Grant | 76,654.00 | 76,654.00 |
| 12 | SRIC/ R&D Liabilities | 748,022,907.26 | 658,722,434.69 |
| 13 | Hostel Current Liabilites | 35,542,662.62 | 28,962,472.83 |
| 14 | Wissenaire | 12,250.00 | 12,250.00 |
| 15 | Student Insurance Claim | 11,730.00 | 11,730.00 |
| 16 | CEP Liabilites | 96,705,818.93 | 16,429,999.39 |
| 17 | Construction of OBC Hostel | 22,596,133.35 | 21,166,483.35 |
| 18 | Startup Center IIT Bhubaneswar | 562,019.01 | 845,777.01 |
| 19 | JEE Fee receivable | 6,646,580.00 | 4,898,580.00 |
| 20 | NBCC (India) Ltd | 72,942,056.00 | 522,424,403.00 |
| 21 | NSS Fund | 408,445.59 | 328,905.59 |
| 22 | CSR Fund | 4,274,696.00 | 3,025,000.00 |
| 24 | Performance Security | 3,311,393.00 | 3,220,185.00 |
| 25 | IIT Hostel | 84,744,394.00 | 90,716,253.00 |
| 26 | IIT Gymkhana | 4,943,227.00 | 8,843,573.00 |
| 27 | Payable to IIT inter IIT sport | 25,687.00 | 104,321.00 |
| 28 | Interest Generated from Unspent Grant refundable to MOE | 358,333.33 | 358,333.33 |
| 29 | Unutilised Grant from GOI (Capital) | - | - |
| | **TOTAL (A)** | **2,000,314,356.18** | **2,085,723,160.24** |

(Amount in ₹ )

| B. | PROVISIONS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **1** | **For Taxation** | - | - |
| 2 | For Gratuity | - | - |
| 3 | Superannuation/Pension | - | - |
| 4 | Accumulated Leave Encashment | - | - |
| 5 | Trade Warranties/Claims | - | - |
| 6 | Others (Specify) | | |
| a) | Expenses Payable (Misc.) | 68,195,631.62 | 63,383,866.62 |
| b) | S K BET Center | - | - |
| c) | S K Bet Current Liabilities | 1,629,712.00 | 484,932.00 |
| d) | Gymkhana Liabilities | 66,220.00 | - |
| | **TOTAL (B)** | **69,891,563.62** | **63,868,798.62** |
| | **TOTAL (A+B)** | **2,070,205,919.80** | **2,149,591,958.86** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## Annexure-I: Statutory Liablities (Others)

(Amount in ₹ )

| PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| Labour Cess | 54,657.00 | 31,044.00 |
| Professional Tax Payable | 6,150.00 | 3,450.00 |
| New Pension Scheme | 92,750.00 | 295,987.00 |
| GSLI Payable | - | - |
| **TDS Payable** | | |
| TDS Payable(Contractor) | 884,122.00 | 682,884.00 |
| TDS Payable(Proffessional) | 336,104.00 | 357,798.00 |
| TDS Payable(Rent) | 10,100.00 | 2,350.00 |
| TDS on Salary | 879,470.00 | 1,825,969.00 |
| Entry Tax Payable | | - |
| **TOTAL** | **2,263,353.00** | **3,199,482.00** |

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

(Amount in ₹ )

| | PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| | **Opening Balance** | 1,921,678,000.00 | 1,255,613,000.00 |
| **Add:** | Addition of Loan | 1,539,884,233.00 | 941,065,000.00 |
| | **Total Loan Amount** | **3,461,562,233.00** | **2,196,678,000.00** |
| **Less:** | Repayment of Loan from MOE Grant | 269,538,750.00 | 206,250,000.00 |
| **Less:** | Repayment of Loan from Closure of TDR (Created for SD Hefa Loan) | 26,711,250.00 | |
| **Less:** | Repayment of Loan from Fees | 98,750,000.00 | 68,750,000.00 |
| | **TOTAL** | **3,066,562,233.00** | **1,921,678,000.00** |

## SCHEDULE - 3 (A) SPOSNSERED PROJECTS AS ON 31.03.2024

(Amount in ₹ )

| Sr. No. | Name of the Project | Opening Balance | | Tyransaction 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** | - | - | - | - | - | - |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3 (B) SPOSNSERED FELLOWSHIP AND SCHOLARSHIP AS ON 31.03.2024

(Amount in ₹ )

| Sr. No. | Name of the Sponsor | Opening Balance | | Tyransaction during the Year | | Closing Balance | |
|---|---|---|---|---|---|---|---|
| | | Credit | Debit | Credit | Debit | Credit | Debit |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | UGC | 1,394,048.00 | - | - | - | 1,394,048.00 | - |
| 2 | CSIR | 914,106.00 | - | - | - | 914,106.00 | - |
| 3 | DST | 833,307.00 | - | 4,575,131.00 | 4,768,654.00 | 639,784.00 | - |
| 4 | NBHM/SERB NPDF | 35,871.00 | - | - | - | 35,871.00 | - |
| 5 | ICMR | 58,320.00 | - | - | - | 58,320.00 | - |
| | **Total** | **3,235,652.00** | **-** | **4,575,131.00** | **4,768,654.00** | **3,042,129.00** | **-** |

Note : During PY 2022-23, there was an typographical error and reported the closing figure as as ₹57,98,764. Actual closing figure was ₹ 32,35,652 and reported correectly in SRIC Financials of FY 2022-23 (Refer Page- 46 of Financial Statements of FY 2022-23).

# 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 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **Balance B/F** | | (2,656,546.05) | 3,709,308.45 |
| Add: | Receipts during the year for creation of capital assets | 139,500,000.00 | 271,600,000.00 |
| Add: | Grant for repayment of HEFA Loan | 359,538,750.00 | 206,250,000.00 |
| Add: | Grant against HEFA Interest | 137,690,455.00 | 130,457,568.00 |
| | **Total available during the year Total (A)** | **634,072,658.95** | **612,016,876.45** |
| Less: | Refunds | 850.00 | 14,872,358.00 |
| Less: | Utilized for Capital Expenditure | 165,816,515.63 | 263,093,496.50 |
| Less: | Utilized for repayment of HEFA Loan | 359,538,750.00 | 206,250,000.00 |
| Less : | Utilized for HEFA Loan Interest | 137,690,455.00 | 130,457,568.00 |
| **Total (B)** | | **663,046,570.63** | **614,673,422.50** |
| **Unutilised Grant in Aid (carried forward and transfer to Current Lianlity) (A-B)** | | **(28,973,911.68)** | **(2,656,546.05)** |

| | B. Recurring Grant (Government of India) | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **Balance B/F** | | (95,608,792.00) | (133,929,920.43) |
| Add: | Recepits during the year | 1,363,426,000.00 | 1,100,900,000.00 |
| Add: | Internal Income | - | - |
| | **Total available during the year Total (C)** | **1,267,817,208.00** | **966,970,079.57** |
| Less : | Refunds | 4,493,869.00 | 27,800,000.00 |
| Less : | Utilized for Revenue Expenditure | 1,278,008,769.41 | 1,034,778,871.57 |
| **Total (D)** | | **1,282,502,638.41** | **1,062,578,871.57** |
| **Unutilised Grant in Aid Carried forward (C-D)** | | **(14,685,430.41)** | **(95,608,792.00)** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-4 (Fixed Assets - Consolidated Data)

(Amount in ₹ )

| DESCRIPTION | Gross Block (Closing Balance as on 31.03.2024) | Depreciation for FY 2023-24 | Total Depreciation upto 31-03-2024 | Net Block (Closing Balance as on 31.03.24) |
|---|---|---|---|---|
| **(A)Tangible Assets** | | | | |
| Schedule 4 (Institute Main) | 12,663,224,466.61 | 344,888,788.06 | 2,449,200,216.42 | 11,967,194,734.00 |
| Schedule 4A (i)(Hostel) | 19,670,867.00 | 1,430,243.28 | 4,683,356.33 | 14,987,510.68 |
| Schedule 4A (ii) (R&D/SRIC) | 478,953,388.73 | - | - | 478,953,388.73 |
| Schedule 4A (iii) (Student Gymkhana) | 2,710,693.00 | 246,008.00 | 809,703.00 | 1,900,990.00 |
| Schedule 4A (iv) (Guest House) | 152,709.00 | 11,071.00 | 30,358.30 | 122,350.70 |
| Depreciation/Asset Rounding Off ( E) | | | (3.10) | 3.10 |
| **Total (A)** | **13,164,712,124.34** | **346,576,110.33** | **2,454,723,630.94** | **12,463,158,977.21** |
| **(B) Intangible Assets** | | | | |
| Schedule 4 (Institute Main) | 697,546,961.10 | 68,799,410.07 | 636,013,646.39 | 61,533,314.71 |
| Schedule 4A (i)(Hostel) | - | - | - | - |
| Schedule 4A (ii) (R&D/SRIC) | - | - | - | - |
| Schedule 4A (iii) (Student Gymkhana) | - | - | - | - |
| Schedule 4A (iv) (Guest House) | - | - | - | - |
| **Total (B)** | **697,546,961.10** | **68,799,410.07** | **636,013,646.39** | **61,533,314.71** |
| **(C) Capital Work-In-Progress & Asset In Transit** | | | | |
| Schedule 4 (Institute Main) | 1,691,637,166.00 | - | - | 1,691,637,166.00 |
| Schedule 4A (i)(Hostel) | - | - | - | - |
| Schedule 4A (ii) (R&D/SRIC) | - | - | - | - |
| Schedule 4A (iii) (Student Gymkhana) | - | - | - | - |
| Schedule 4A (iv) (Guest House) | - | - | - | - |
| **Total (C)** | **1,691,637,166.00** | **-** | **-** | **1,691,637,166.00** |
| **Grand Total (A+B+C)** | **15,553,896,251.44** | **415,375,520.40** | **3,090,737,277.33** | **14,216,329,457.92** |

# 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 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Adjustments | Closing Balance as on 31-03-2024 | Rate (%) | Depreciation Opening Balance (As on 01-04-2023) | Adjustment of prov of Dept on Sale/ Change of classification of Fixed Assets | Depreciation on Opening Value of Fixed Assets as on 01-04-2023 | Depreciation on Additions during the Year 2023-24 | Depreciation on Deductions during the Year 2023-24 | Total Dept for the Year 2023-24 | Impairment of Fixed Assets | Total Depreciation & Impairment As on 31-03-2024 | As on 31-03-2024 | As at the Previous year 2022-23 |
| A. FIXED ASSETS | | | | | | | | | | | | | | | | |
| 1 Land | 11,950,018.00 | | | | 11,950,018.00 | 0% | - | - | | | - | - | - | - | 11,950,018.00 | 11,950,018.00 |
| 2 Site Development | - | | | | - | | - | - | | | - | - | - | - | - | - |
| 3 Buildings | | | | | | | | | | | | | | | | |
| I Academic Building | 463,312,673.00 | | | | 463,312,673.00 | 2.00% | 59,098,807.16 | - | 9,266,253.46 | - | - | 9,266,253.46 | - | 68,365,060.62 | 394,947,612.38 | 404,213,865.84 |
| II Administrative Building | 1,179,489,529.00 | 528,226,510.00 | | | 1,707,716,039.00 | 2.00% | 125,203,189.48 | - | 23,589,790.58 | 10,564,530.20 | - | 34,154,320.78 | - | 159,357,510.26 | 1,548,358,528.74 | 1,054,286,339.52 |
| III Commercial Complex and Other Buildings | 430,151,439.00 | | | | 430,151,439.00 | 2.00% | 33,581,239.86 | - | 8,603,028.78 | - | - | 8,603,028.78 | - | 42,184,268.64 | 387,967,170.36 | 396,570,199.14 |
| IV External Development Works | 122,509,453.00 | | | | 122,509,453.00 | 2.00% | 20,208,975.19 | - | 2,450,189.06 | - | - | 2,450,189.06 | - | 22,659,164.25 | 99,850,288.75 | 102,300,477.81 |
| V Hostel Building | 3,096,154,192.00 | | | | 3,096,154,192.00 | 2.00% | 232,618,805.24 | - | 61,923,083.84 | - | - | 61,923,083.84 | - | 294,541,889.08 | 2,801,612,302.92 | 2,863,535,386.76 |
| VI School Buildings | 1,873,406,032.00 | 349,800,000.00 | | | 2,223,206,032.00 | 2.00% | 175,266,499.40 | - | 37,468,120.64 | 6,996,000.00 | - | 44,464,120.64 | - | 219,730,620.04 | 2,003,475,411.96 | 1,698,139,532.60 |
| VII Staff & Faculty Quarter Buildings | 2,384,445,277.00 | | | | 2,384,445,277.00 | 2.00% | 143,506,772.22 | - | 47,688,905.54 | - | - | 47,688,905.54 | - | 191,195,677.76 | 2,193,249,599.24 | 2,240,938,504.78 |
| 4 Roads & Bridges | - | | | | - | 2.00% | - | - | - | - | - | - | - | - | - | - |
| 5 Tubewells & Water Supply | 2,398,879.00 | | | | 2,398,879.00 | 2.00% | 287,868.00 | - | 47,977.58 | - | - | 47,977.58 | - | 335,845.58 | 2,063,033.42 | 2,111,011.00 |
| 6 Sewerage & Drainage | 17,461,138.00 | | | | 17,461,138.00 | 2.00% | 748,389.52 | - | 349,222.76 | - | - | 349,222.76 | - | 1,097,612.28 | 16,363,525.72 | 16,712,748.48 |
| 7 Electrical Installation and Equipment | 111,393,983.00 | 1,066,373.00 | 33,570.00 | | 112,426,786.00 | 5.00% | 70,225,730.95 | - | 5,569,699.15 | 53,318.65 | - | 5,623,017.80 | - | 75,848,748.75 | 36,578,037.25 | 41,168,252.05 |
| 8 Plant & Machinery | 2,569,571.00 | 3,346,077.00 | | 206,207,923.00 | 212,123,571.00 | 5.00% | 192,360.00 | 51,551,981.00 | 10,438,874.70 | 167,303.85 | - | 62,158,159.55 | - | 62,350,519.55 | 149,773,051.45 | 2,377,211.00 |
| 9 Scientific & Laboratory Equipment | 1,313,504,401.21 | 50,458,361.63 | | (18,440,640.00) | 1,345,522,122.84 | 8.00% | 849,812,403.48 | (1,475,251.00) | 103,605,100.90 | 4,036,668.93 | - | 106,166,518.83 | - | 955,978,922.31 | 389,543,200.53 | 463,691,997.73 |
| 10 Office Equipemnt | 18,704,871.45 | 1,142,009.00 | - | | 19,846,880.45 | 7.50% | 14,527,689.44 | - | 1,402,865.36 | 85,650.68 | - | 1,488,516.03 | - | 16,016,205.47 | 3,830,674.98 | 4,177,182.01 |
| 11 Audio Visual Equipment | - | | | | - | 7.50% | - | - | - | - | - | - | - | - | - | - |
| 12 Computer & Peripherals | 180,839,176.86 | 26,624,249.00 | - | 18,440,640.00 | 225,904,065.86 | 20.00% | 167,933,448.42 | 3,688,128.00 | 10,238,837.20 | 5,324,850.00 | - | 19,251,815.20 | - | 187,185,263.62 | 38,718,802.24 | 12,905,728.44 |
| 13 Furniture,Fixitures & Fittings | 363,738,929.51 | 14,222,149.00 | | (206,207,923.00) | 171,753,155.51 | 7.50% | 164,929,144.32 | (77,327,970.00) | 11,814,825.49 | 1,066,661.18 | - | (64,446,483.34) | - | 100,482,660.98 | 71,270,494.53 | 198,809,785.19 |
| 14 Security Cabin | 492,000.00 | | | | 492,000.00 | 7.50% | 289,950.00 | - | 36,900.00 | - | - | 36,900.00 | - | 326,850.00 | 165,150.00 | 202,050.00 |
| 15 Vehicles | 2,745,228.00 | | | | 2,745,228.00 | 10.00% | 1,951,149.80 | - | 274,522.80 | - | - | 274,522.80 | - | 2,225,672.60 | 519,555.40 | 794,078.20 |
| 16 Library Books & Scientific Journals | 47,570,815.95 | 3,529,832.00 | - | | 51,100,647.95 | 10.00% | 41,376,002.43 | - | 4,757,081.60 | 352,983.20 | - | 5,110,064.80 | - | 46,486,067.23 | 4,614,580.73 | 6,194,813.52 |
| 17 Other Fixed Assets (Small Value) | 5,504,716.00 | 68,363.00 | - | | 5,573,079.00 | 5.00% | 2,553,003.45 | - | 275,235.80 | 3,418.15 | - | 278,653.95 | - | 2,831,657.40 | 2,741,421.60 | 2,951,712.55 |
| **TOTAL (A)** | **11,628,342,322.98** | 978,483,923.63 | **33,570.00** | - | 12,606,792,676.61 | | **2,104,311,428.36** | **(23,563,112.00)** | **339,800,515.23** | **28,651,384.83** | - | **344,888,788.06** | - | **2,449,200,216.42** | **10,157,592,460.19** | **9,524,030,894.62** |

# 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 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Adjustments | Closing Balance as on 31-03-2024 | Rate (%) | Depreciation Opening Balance (As on 01-04-2023) | Adjustment of prov of Dept on Sale/ Change of classification of Fixed Assets | Depreciation on Opening Value of Fixed Assets as on 01-04-2023 | Depreciation on Additions during the Year 2023-24 | Depreciation on Deductions during the Year 2023-24 | Total Dept for the Year 2023-24 | Impairment of Fixed Assets | Total Depreciation & Impairment As on 31-03-2024 | As on 31-03-2024 | As at the Previous year 2022-23 |
| 18 Capital Work In Progress | 1,427,919,750.00 | 1,141,743,926.00 | 878,026,510.00 | - | 1,691,637,166.00 | 0.0% | - | - | - | - | - | - | | - | 1,691,637,166.00 | 1,427,919,750.00 |
| Asset-In-Transit | 54,551,591.00 | 2,110,749.00 | 230,550.00 | - | 56,431,790.00 | 0.0% | - | - | - | - | - | - | | - | 56,431,790.00 | 54,551,591.00 |
| **TOTAL (B)** | **1,482,471,341.00** | **1,143,854,675.00** | **878,257,060.00** | **-** | **1,748,068,956.00** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **1,748,068,956.00** | **1,482,471,341.00** |
| 19 Computer Networking | 68,364,111.78 | 2,265,348.00 | - | - | 70,629,459.78 | 20% | 60,295,418.38 | - | 2,287,215.60 | 453,070.00 | - | 2,740,285.60 | | 63,035,703.98 | 7,593,755.80 | 8,068,693.40 |
| 20 Computer Software | 117,981,950.53 | 6,373,062.00 | - | - | 124,355,012.53 | 40% | 109,674,842.53 | - | 5,699,524.00 | 2,549,225.00 | - | 8,248,749.00 | | 117,923,591.53 | 6,431,421.00 | 8,307,108.00 |
| 21 Web Designing | 1,134,888.00 | - | - | - | 1,134,888.00 | 40% | 1,134,888.00 | - | - | - | - | - | | 1,134,888.00 | - | - |
| 22 E-Journals | 440,449,211.79 | 60,663,829.00 | - | - | 501,113,040.79 | 40% | 395,826,999.31 | - | 33,512,371.57 | 24,265,532.00 | - | 57,777,903.57 | | 453,604,902.88 | 47,508,137.91 | 44,622,212.48 |
| 23 Patent & Copyrights | 314,560.00 | - | - | - | 314,560.00 | 11% | 282,088.10 | - | 32,471.90 | - | - | 32,471.90 | | 314,560.00 | - | 32,471.90 |
| **TOTAL (C)** | **628,244,722.10** | **69,302,239.00** | **-** | **-** | **697,546,961.10** | | **567,214,236.32** | **-** | **41,531,583.07** | **27,267,827.00** | **-** | **68,799,410.07** | **-** | **636,013,646.39** | **61,533,314.71** | **61,030,485.78** |
| **GRAND TOTAL (A + B+ C)** | **13,739,058,386.08** | **2,191,640,837.63** | **878,290,630.00** | | **15,052,408,593.71** | | **2,671,525,661.58** | **(23,563,112.00)** | **381,332,098.30** | **55,919,211.83** | **-** | **413,688,198.13** | **-** | **3,085,213,859.71** | **11,967,194,734.00** | **11,067,532,721.40** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-4A(i): FIXED ASSETS Hostel

(Amount in ₹ )

| | DESCRIPTION | GROSS BLOCK | | | | Rate (%) | DEPRECIATION | | | | | NET BLOCK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Opening Balance as on 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Closing Balance as on 31.03.24 | | "Depreciation Opening Balance (As on 01-04-2023)" | Depreciation on Opening Value of Fixed Assets as on 01-04-2023 | Depreciation on Additions during the Year 2023-24 | Depreciation on Deductions during the Year 2023-24 | Total Depreciation As on 31-03-2024 | As on 31-03-2024 | As at the Previous year 2022-23 |
| **A.** | **FIXED ASSETS Hostel** | | | | | | | | | | | | |
| 1 | Furniture & Fixtures | 7,696,854.00 | 960,431.00 | - | 8,657,285.00 | 7.5% | 1,466,702.55 | 577,264.05 | 72,032.33 | - | 2,115,998.93 | 6,541,286.08 | 6,230,151.45 |
| 2 | Office Equipment | 454,062.00 | 17,800.00 | - | 471,862.00 | 7.5% | 199,787.72 | 34,054.65 | 1,335.00 | - | 235,177.37 | 236,684.63 | 254,274.28 |
| 3 | Electrical Installations | 4,283,799.00 | 1,956,106.00 | - | 6,239,905.00 | 5% | 771,988.45 | 214,189.95 | 97,805.30 | - | 1,083,983.70 | 5,155,921.30 | 3,511,810.55 |
| 4 | Other Fixed Assets | 2,706,948.00 | 707,460.00 | - | 3,414,408.00 | 7.5% | 536,664.53 | 203,021.10 | 53,059.50 | - | 792,745.13 | 2,621,662.87 | 2,170,283.47 |
| 5 | Computer & Peripherals | 381,149.00 | 506,258.00 | - | 887,407.00 | 20% | 277,969.80 | 76,229.80 | 101,251.60 | | 455,451.20 | 431,955.80 | 103,179.20 |
| | **Total** | **15,522,812.00** | **4,148,055.00** | **-** | **19,670,867.00** | **0.48** | **3,253,113.05** | **1,104,759.55** | **325,483.73** | **-** | **4,683,356.33** | **14,987,510.68** | **12,269,698.95** |

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

| | DESCRIPTION | GROSS BLOCK | | | | "Rate (%)" | DEPRECIATION | | | | | NET BLOCK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Opening Balance as on 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Closing Balance as on 31.03.24 | | "Depreciation Opening Balance (As on 01-04-2023)" | Depreciation on Opening Value of Fixed Assets as on 01-04-2023 | Depreciation on Additions during the Year 2023-24 | Depreciation on Deductions during the Year 2023-24 | Total Depreciation As on 31-03-2024 | As on 31-03-2024 | As at the Previous year 2022-23 |
| **A.** | **FIXED ASSETS SRIC/R&D** | | | | | | | | | | | | |
| 1 | Plant Machinery & Equipments | 373,072,291.27 | 26,249,142.00 | - | 399,321,433.27 | - | - | - | - | - | - | 399,321,433.27 | 373,072,291.27 |
| 2 | Furniture & Fixtures | 3,369,329.00 | 144,312.00 | - | 3,513,641.00 | - | - | - | - | - | - | 3,513,641.00 | 3,369,329.00 |
| 3 | Office Equipments | 370,544.00 | 1,666,128.00 | - | 2,036,672.00 | - | - | - | - | - | - | 2,036,672.00 | 370,544.00 |
| 4 | Computer Peripheral / Softwares | 57,356,715.46 | 16,724,927.00 | - | 74,081,642.46 | - | - | - | - | - | - | 74,081,642.46 | 57,356,715.46 |
| 5 | Asset in Transit | - | - | - | - | - | - | - | - | - | - | - | - |
| | **Total** | **434,168,879.73** | **44,784,509.00** | **-** | **478,953,388.73** | **-** | **-** | **-** | **-** | **-** | **-** | **478,953,388.73** | **434,168,879.73** |

# 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 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Closing Balance as on 31.03.24 | | Depreciation Opening Balance (As on 01-04-2023) | Depreciation on Opening Value of Fixed Assets as on 01-04-2023 | Depreciation on Additions during the Year 2023-24 | Depreciation on Deductions during the Year 2023-24 | Total Depreciation As on 31-03-2024 | As on 31-03-2024 | As at the Previous year 202-23 |
| A. | FIXED ASSETS - Student Gymkhana | | | | | | | | | | | | |
| 1 | Audio Visual Equipment | 122,117.00 | 257,995.00 | - | 380,112.00 | 7.50% | 27,548.00 | 9,159.00 | 19,350.00 | - | 56,057.00 | 324,055.00 | 94,569.00 |
| 2 | Computer Peripheral | 349,084.00 | 28,711.00 | - | 377,795.00 | 20.00% | 202,022.00 | 69,817.00 | 5,742.00 | - | 277,581.00 | 100,214.00 | 147,062.00 |
| 3 | Furniture & Fixture | 200,007.00 | - | - | 200,007.00 | 7.50% | 65,160.00 | 15,001.00 | - | - | 80,161.00 | 119,846.00 | 134,847.00 |
| 4 | Gym & Sports Equipment | 851,678.00 | 133,544.00 | - | 985,222.00 | 7.50% | 181,441.00 | 63,876.00 | 10,016.00 | - | 255,333.00 | 729,889.00 | 670,237.00 |
| 5 | Musical Instruments | 378,078.00 | 208,689.00 | - | 586,767.00 | 7.50% | 72,584.00 | 28,356.00 | 15,652.00 | - | 116,592.00 | 470,175.00 | 305,494.00 |
| 6 | Tech Council | - | 22,800.00 | | 22,800.00 | 5.00% | - | - | 1,140.00 | - | 1,140.00 | 21,660.00 | - |
| 7 | Electrical Equipments | 157,990.00 | - | - | 157,990.00 | 5.00% | 14,940.00 | 7,899.00 | - | - | 22,839.00 | 135,151.00 | 143,050.00 |
| | **Total** | **2,058,954.00** | **651,739.00** | **-** | **2,710,693.00** | **0.60** | **563,695.00** | **194,108.00** | **51,900.00** | **-** | **809,703.00** | **1,900,990.00** | **1,495,259.00** |

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

| | DESCRIPTION | GROSS BLOCK | | | | Rate (%) | DEPRECIATION | | | | | NET BLOCK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Opening Balance as on 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Closing Balance as on 31.03.24 | | Depreciation Opening Balance (As on 01-04-2023) | Depreciation on Opening Value of Fixed Assets as on 01-04-2023 | Depreciation on Additions during the Year 2023-24 | Depreciation on Deductions during the Year 2023-24 | Total Depreciation As on 31-03-2024 | As on 31-03-2024 | As at the Previous year 2022-23 |
| A. | FIXED ASSETS Guest House | | | | | | | | | | | | |
| 1 | Furniture & Fixture | 54,560.00 | 48,865.00 | - | 103,425.00 | 7.5% | 10,111.50 | 4,092.00 | 3,665.00 | - | 17,868.50 | 85,556.50 | 44,448.50 |
| 2 | Audio Visual Eqp | 33,984.00 | - | - | 33,984.00 | 7.5% | 7,645.80 | 2,549.00 | - | - | 10,194.80 | 23,789.20 | 26,338.20 |
| 3 | ELECTRICAL EQUIPMENT | 15,300.00 | - | - | 15,300.00 | 5% | 1,530.00 | 765.00 | - | - | 2,295.00 | 13,005.00 | 13,770.00 |
| | **Total** | **103,844.00** | **48,865.00** | **-** | **152,709.00** | **0.20** | **19,287.30** | **7,406.00** | **3,665.00** | **-** | **30,358.30** | **122,350.70** | **84,556.70** |

## SCHEDULE-4A(v): FIXED ASSETS MGM Endoment

| | DESCRIPTION | GROSS BLOCK | | | | Rate (%) | DEPRECIATION | | | | | NET BLOCK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Opening Balance as on 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Closing Balance as on 31.03.24 | | Depreciation Opening Balance (As on 01-04-2023) | Depreciation on Opening Value of Fixed Assets as on 01-04-2023 | Depreciation on Additions during the Year 2023-24 | Depreciation on Deductions during the Year 2023-24 | Total Depreciation As on 31-03-2024 | As on 31-03-2024 | As at the Previous year 2022-23 |
| A. | FIXED ASSETS MGM Endoment | | | | | | | | | | | | |
| 1 | Office Equipment | 33,300.00 | - | - | 33,300.00 | 0% | - | - | - | | - | 33,300.00 | 33,300.00 |
| 2 | Electrical Installations | 102,049.00 | - | | 102,049.00 | 0% | - | - | - | | - | 102,049.00 | 102,049.00 |
| 3 | Computer Peripheral | 68,920.00 | - | | 68,920.00 | 0% | - | - | - | | | 68,920.00 | 68,920.00 |
| 4 | Electrical Installations | 126,300.00 | - | | 126,300.00 | 0% | - | - | - | | | 126,300.00 | 126,300.00 |
| | **Total** | **330,569.00** | **-** | **-** | **330,569.00** | | **-** | **-** | **-** | **-** | **-** | **330,569.00** | **330,569.00** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-5: INVESTMENT FROM EARMARKED/ENDOWMENT FUNDS

(Amount in ₹ )

| PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| 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 | 115,775,236.24 | 109,254,271.91 |
| **Total** | **115,775,236.24** | **109,254,271.91** |

## SCHEDULE-5 A: INVESTMENT FROM EARMARKED/ENDOWMENT FUNDS

(Amount in ₹ )

| | PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2021-22 |
|---|---|---|---|
| 1 | MGM Endoment Fund | 48,082,116.29 | 47,268,704.93 |
| 2 | "Best B. Tech thesis in Electrical & Mechanical Sicence (MGM Fund Tejwasi & Dinesh award)" | 625,271.00 | 586,760.60 |
| 3 | Best out going student (Fund T. V. Mohandas Pai) | 1,607,237.44 | 1,508,249.44 |
| 4 | B K Dey memorial award of most innovative project (Fund Piyali De) | 2,544,173.94 | 2,378,775.94 |
| 5 | S K BET Endowment fund | 52,378,438.00 | 52,255,623.00 |
| 6 | Abhijit Gangopadhaya Endowment fund | 184,255.00 | 174,651.00 |
| 6 | Prof R H Tupakry Award Endowment fund | 10,353,744.57 | 5,081,507.00 |
| | **Total** | **115,775,236.24** | **109,254,271.91** |

## SCHEDULE-6: INVESTMENTS- OTHERS

(Amount in ₹ )

| Particlars | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| 1. In Central Government Securities | | - |
| 2. In State Government Securities | | - |
| 3. Other Approved Securities | | - |
| 4. Shares | | - |
| 5. Debentures and Bonds | | - |
| **6. Others** | | |
| Corpus Fund | 2,286,846,317.65 | 1,937,109,977.41 |
| Student Brotherhood Fund (SBF) | 8,587,968.30 | 8,079,949.30 |
| **Total** | **2,295,434,285.95** | **1,945,189,926.71** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-7 : CURRENT ASSETS

(Amount in ₹ )

| PARTICULARS | | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **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)** | **-In Current Accounts** | | |
| | -In Term Deposit Accounts | | - |
| | -In Savings Accounts (Details as per Annexure II ) | 1,170,445,340.85 | 574,016,011.92 |
| | With non-scheduled Banks: | 236,990,965.27 | 129,078,984.81 |
| **b)** | **-In Term Deposit Accounts** | | |
| | -In Savings Accounts | | - |
| | -In Savings Accounts | | - |
| **4. Post Office savings Accounts** | | **-** | **-** |
| **Total** | | **1,407,436,306.12** | **703,094,996.73** |

# 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 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|---|
| 1 | Canara (Syndicate) Bank- CEP A/C | 24282010001960 | 81,669,566.04 | 1,950,117.89 |
| 2 | Canara (Syndicate) Bank- Hostel A/c | 80072200011951 | 34,637,905.90 | 27,138,357.77 |
| 3 | Canara (Syndicate) Bank- Main A/c | 80072160000018 | 78,264,228.50 | 66,033,676.84 |
| 4 | Canara (Syndicate) Bank- Gymkhana A/c | 80072010034135 | 2,712,687.31 | 885,615.34 |
| 5 | Axis Bank A/c | 912020013584849 | 362,662.16 | 509,077.79 |
| 6 | S B I- Institute Main A/c | 30824066553 | 14,516,030.46 | 8,344,320.40 |
| 7 | ICICI Bank A/c | 006101055198 | 5,574,610.53 | 161,437.00 |
| 8 | Canara Bank- Escro A/c 3 | 3673101007607 | 3,289,321.00 | 2,452,862.00 |
| 9 | Canara (Syndicate) Bank- Corpus Fund A/c | 24282160000031 | 534.17 | 886.00 |
| 10 | ICICI Bank A/c | 198501000430 | 539,283.61 | 3,049,391.00 |
| 11 | Canara (Syndicate) Bank- Endowment Fund A/c | 80072010035590 | 170,937.00 | 137,169.36 |
| 12 | Canara Bank- Escro A/c 2 | 72822610000263 | 300,938.77 | 292,367.77 |
| 13 | ICICI Bank A/c | 006101058683 | 94,011.00 | 650,695.00 |
| 14 | Canara (Syndicate) Bank- NSS IIT A/c | 72822200000634 | 279,128.59 | 271,126.59 |
| 15 | S B I- Guest House A/c | 36976372905 | 496,650.85 | 36,130.56 |
| 16 | S B I- Fee receivable A/c | 379905000647 | 147,635.00 | 143,706.00 |
| 17 | Canara (Syndicate) Bank A/c - | 2428216000027 | 342,152.00 | 4,477,438.00 |
| 18 | S B I- Endowment Fund A/c | 33547594939 | 1,488,717.70 | 7,455.08 |
| 19 | Canara Bank- Escro A/c 4 | 3673101007608 | 24,710.00 | 19,010.00 |
| 20 | SBI JEE | 4049692101 | 311,187.39 | 138,258.00 |
| 21 | Canara Bank- NSS IIT A/c | 72822200000649 | 53,962.00 | 52,424.00 |
| 22 | S B I- KC IIT Bhubaneswar A/c | 41041973501 | 264,979.00 | 8,172,911.00 |
| 23 | Asean Fellowship SBI | 41367223469 | - | - |
| 23 | Canara (Syndicate) Bank- SRIC- A/c | 80072160000022 | (1,036,645.00) | 22,325.20 |
| 24 | S B I- Project A/c | 20054905156 | 5,187,800.59 | 4,226,729.52 |
| 25 | S B I- A/c | 38605214766 | 2,806,100.70 | (4,404.30) |
| 26 | BOM A/c | 60420734797 | - | (97,000.00) |
| 27 | BOM A/c | 60422783846 | - | (96,900.00) |
| 28 | S B I - CENEMA A/c | 35052867155 | 106,637.00 | 103,801.00 |
| 29 | Axis Bank A/c - SRIC | 923010030417279 | 1,001.00 | - |
| 30 | Canara Bank CSR A/c | 110121394626 | 4,331,967.00 | - |
| 31 | Icici Bank Prepaid Pool Account | 102205000069 | 52,265.00 | - |
| 32 | (NSS MAIN) | 41375099665 | - | - |
| 33 | (NSS-1) | 41754980927 | - | - |
| 34 | (NSS-3) | 41754981557 | - | - |
| 35 | RBI A/c No | 10684601001 | - | - |
| | **Total** | **RBI A/c No** | **236,990,965.27** | **129,078,984.81** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-8 : LOANS, ADVANCES & DEPOSITS

(Amount in ₹ )

| | PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **A. Advance to employees:(Non-interest bearing)** | | | |
| 1 | Salary | - | - |
| 2 | Festival Advance | - | - |
| 3 | LTC Advance | 144,345.00 | 772.00 |
| 4 | Medical Advance | - | - |
| 5 | Other Advances | - | - |
| | Advance to Student | 54,215.00 | - |
| | General Advance (Contingent) | 630,814.00 | 111,000.00 |
| | Imprest Advances | 152,277.00 | 67,816.00 |
| | PDA Advance | 1,122,741.00 | 270,860.00 |
| | TA Advance | - | - |
| | Soft Loan | - | - |
| | Advance - President Student Gymkhana | **25,687.00** | **-** |
| | Advance to Alma Fiesta, JEE & Wissenaire | - | - |
| | Advance - S K BET | 25,000.00 | 25,000.00 |
| | In House Project Grant | 26,227,507.00 | 22,227,507.00 |
| | Faculty Development Fund | 15,000.00 | 15,000.00 |
| | Guest House Curent Assets | 762,539.00 | 279,082.00 |
| **B. Long Term Advance to employees:(Interest bearing)** | | - | |
| 1 | Vechicle 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 | 84,858,232.00 | 11,167,330.00 |
| 2 | to suppliers | - | - |
| 3 | Others current Assets | 62,795,449.32 | 9,058,275.36 |
| 4 | Tax deducted at Score (TDS) | 7,387,963.94 | 1,252,118.94 |
| 5 | Endowment Centre, R & D (TDS), Hostel & CEP (TDS) | 13,724,057.90 | 9,242,012.44 |
| **D. Prepaid Expenses** | | - | |
| 1 | Insurance (Student) | | |
| 2 | Other Expenses | | - |
| | i) Prepaid AMC Charges | | - |
| | ii)Prepaid E-Subscription Charges | 42,299,108.00 | 47,686,442.00 |
| **E. Deposits** | | - | |
| 1 | Telephone | 240,404.00 | 240,404.00 |
| 2 | Lease Rent | 60,000.00 | 60,000.00 |
| 3 | Electricity | 4,782,408.26 | 5,752,035.00 |
| 4 | HP Gas | 11,550.00 | 11,550.00 |
| 5 | TPCODL | 5,760,562.00 | 3,418,802.00 |
| **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 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-8 : LOANS, ADVANCES & DEPOSITS

(Amount in ₹ )

| PARTICULARS | | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|---|
| **F. Income Accrued** | | - | - |
| 1 | On investments from Earmarked/Endowment funds | 348,769.00 | 290,007.00 |
| | On investments from Endowment funds | | 2,687,669.00 |
| 2 | On investments- others (Term Deposit) | 45,714,205.00 | 31,634,155.00 |
| 3 | On Loans and advances (on Securities) | 546,373.00 | 428,371.00 |
| 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 | 355,528.00 | 355,528.00 |
| | ii) Receivable from R&D towards overhead for Corpus Fund & Other | 19,855,085.75 | 16,251,483.30 |
| | iii) Fellowship Inspired (DST) | 36,000.00 | 36,000.00 |
| | iv) DST Inspire Fellowhip | 431,342.00 | 431,342.00 |
| | v) CSIR JRF Fellowhip | 350,922.00 | 350,922.00 |
| | vi) Receivable - Electricity Collection | 1,698,099.00 | 1,698,099.00 |
| | vii) Receivable - JAM Fee Joint M SC PhD | | - |
| | viii) Receivable from CEP | 1,393,009.03 | 1,393,009.03 |
| 3 | i)Receivable from MOE | 43,659,342.09 | 98,265,338.05 |
| | ii) Receivable from MOE - HEFA Loan Interest | - | - |
| **4** | **Others receivable** | | |
| | i) SRIC/ R&D IIT Bhubaneswar | 11,682,513.79 | 458,647,872.44 |
| | ii)SRIC/ R&D Project fund | 2,438.00 | 2,438.00 |
| | iii)SRIC/ R&D Current Assets | 3,603,492.89 | 3,603,492.89 |
| | iv) CEP Current Assets | 150,559.00 | 26,629.00 |
| | v) Hostel Current Assets | 84,744,394.00 | 90,716,253.00 |
| | vi) Gymkhana Current Assets | 5,393,227.00 | 9,143,573.00 |
| | vii) Guest house receivable | 116,001.00 | 3,829.00 |
| | viii) Loan for Project | 929,000.00 | 929,000.00 |
| **H. Claims Receivable** | | | - |
| **Total** | | **472,313,779.97** | **828,004,636.47** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 9 – ACADEMIC RECEIPTS

(Amount in ₹ )

| PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| **FEE FROM STUDENTS** | | |
| **Academic** | | |
| 1. Tuition Fees | 203,648,678.00 | 253,413,042.00 |
| 2.Admission Fees | 184,900.00 | 170,700.00 |
| 3. Enrolment Fees (One Time Fees) | 3,603,550.00 | 3,328,150.00 |
| 4. Library Admission Fees | 462,000.00 | 430,444.00 |
| 5. Laboratory Fees | 5,761,500.00 | 5,433,000.00 |
| 6. Art & Craft Fees | | - |
| 7. Registration Fees | 1,152,700.00 | 1,086,800.00 |
| 8. Syllabus Fees | | - |
| **Total (A)** | **214,813,328.00** | **263,862,136.00** |
| **Examinations** | | |
| 1. Admission test Fees | | - |
| 2. Annual Examination Fees | 2,881,750.00 | 2,717,000.00 |
| 3. Mark Sheet, Certificate Verification Fees | 522,250.00 | 490,750.00 |
| 4. Supplimentary Exam Fees | 54,850.00 | 20,750.00 |
| 5. Thesis Examination Fees | 57,000.00 | 33,150.00 |
| 6. Provisional Certificate Fees | 184,900.00 | 170,700.00 |
| **Total (B)** | **3,700,750.00** | **3,432,350.00** |
| **Others fees:** | | |
| 1. Identity card Fees | 93,000.00 | 85,700.00 |
| 2. Fine/Miscellaneous Fees | - | - |
| i) Late Fees (Fine) | - | - |
| ii) Penalty Charges to Student | - | - |
| iii) Income From Library/ Fine | - | - |
| 3. Medical Fees/ Insurance Fees | 7,129,451.00 | 6,631,866.00 |
| 4. Transportation Fees | - | - |
| 5. Hostel Fees (seat rent) | 2,880,000.00 | 2,716,000.00 |
| 6. Transcript Fees | 289,417.56 | 297,955.00 |
| 7. Educational verification Fees | - | - |
| 8. Electricity & Water Charges Fees | 8,640,000.00 | 8,148,000.00 |
| 9. Internet Connectivity Fees | 2,880,000.00 | 2,588,522.00 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 9 – ACADEMIC RECEIPTS

(Amount in ₹ )

| PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| 10. Gymkhana Fees | - | - |
| 11. Fees Subscriptions & other (Hostel ) ANNEXURE - III | 162,420,304.55 | 144,654,658.72 |
| 15. Certificate Fees | - | - |
| 16. Convocation Registration Fees | 86,000.00 | 779,000.00 |
| 17. M Tech Seat Reservation Fees | 123,000.00 | 40,200.00 |
| 18. Summer Quarter Registration Fees | | - |
| 19. Student Amenities Fees | 3,456,000.00 | 3,259,200.00 |
| 20. Career Development Fees | 461,000.00 | 423,750.00 |
| 21. Other Fees (Student Benefit Fees) | - | - |
| 22. Educational Verification Fees | - | - |
| **Total (C)** | **188,458,173.11** | **169,624,851.72** |
| **Sale of publications** | | |
| 1. Sale of Admission forms | | - |
| 2. Sale of syllabus and Question Paper, etc. | | - |
| 3. Sale of prospectus including admission forms | 1,543,060.00 | 1,896,240.00 |
| **Total (D)** | 1,543,060.00 | 1,896,240.00 |
| **Other Academic Receipts** | | |
| 1.Registration Fees for workshops,programmes | | |
| 2.Registration Fees (Academic Staff College) | - | - |
| **Total (E)** | **-** | **-** |
| **F. Repayment of HEFA Loan** | **98,750,000.00** | **68,750,000.00** |
| **G. Repayment of HEFA Loan - Security Deposit** | **30,000,000.00** | **-** |
| **H. Expenditue for KV IIT Bhubaneswar** | **17,071,375.00** | **7,902,586.00** |
| **I. Expenditue for Vatsalya Creche** | **1,750,000.00** | **-** |
| **J. Payment of Interest (Vidyalakshmi Scheme)** | **-** | **4,874,273.00** |
| **K. Transferred to Corpus Fund** | **98,523,631.56** | **212,634,060.00** |
| **GRAND TOTAL (A+B+C+D+E-F-G-H-I)** | **162,420,304.55** | **144,654,658.72** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

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

(Amount in ₹ )

| PARTICULARS | Non-Plan | | | Total Plan | Plan | Current Year Total 2023-24 | Previous Year Total 2022-23 |
|---|---|---|---|---|---|---|---|
| | Govt.of India | UGC | | | | | |
| | | Plan | Specific Schemes | | | | |
| **Balance B/F:** | | | | | | | |
| Grant-in-Aid for Recurring activities | | - | - | | 1,363,426,000.00 | 1,363,426,000.00 | 1,100,900,000.00 |
| Grant-in-Aid for payment of HEFA Loan Interest | | - | - | - | 137,690,455.00 | 137,690,455.00 | 130,457,568.00 |
| Grant-in-Aid for payment of HEFA Loan Principal (Capital) | | - | - | - | 359,538,750.00 | 359,538,750.00 | 206,250,000.00 |
| Internal Income (Interest) treated as additional/ adjustment of Grant | | | | | | - | - |
| **Total** | **-** | **-** | **-** | **-** | **1,860,655,205.00** | **1,860,655,205.00** | **1,437,607,568.00** |
| Less:Refund | - | - | - | - | 4,493,869.00 | 4,493,869.00 | 27,800,000.00 |
| **Balance** | **-** | **-** | **-** | **-** | **1,856,161,336.00** | **1,856,161,336.00** | **1,409,807,568.00** |
| Less:Utilised for repayment of HEFA loan Principal (Capital) | - | - | - | - | 359,538,750.00 | 359,538,750.00 | 206,250,000.00 |
| Less:Utilised for repayment of HEFA loan Interest (Capital) | | | | | 137,690,455.00 | 137,690,455.00 | 130,457,568.00 |
| **Balance** | **-** | **-** | **-** | **-** | **1,358,932,131.00** | **1,358,932,131.00** | **1,073,100,000.00** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-11: INCOME FROM INVESTMENT

(Amount in ₹ )

| PARTICULARS | Earmarked /Endowment Funds | | Other Investments | |
|---|---|---|---|---|
| | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
| **Investment from Earmarked/Endowment Fund** | | | | |
| 1. Interest | | | | |
| a) On Govt. Securities | | - | | - |
| b) Other Bonds/Debentures | | - | | - |
| | | | | |
| 2. Interest on Term Deposits | 6,097,826.97 | 5,677,125.94 | 131,481,037.44 | 79,228,042.74 |
| | | | | |
| 3. Income accrued but not due on term deposits / Interest bearing advances to employees | - | - | - | - |
| | | | | |
| 4. Income on Savings bank accounts | 6,455.00 | 7,047.00 | 200,873.00 | 212,432.00 |
| | | | | |
| 5. Others (Specify) | | - | | - |
| **TOTAL** | **6,104,281.97** | **5,684,172.94** | **131,681,910.44** | **79,440,474.74** |
| **TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS** | **6,104,281.97** | **5,684,172.94** | **131,681,910.44** | **79,440,474.74** |
| **Balance** | **-** | **-** | **-** | **-** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 12- INTEREST EARNED

(Amount in ₹ )

| PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| **1. On Savings Accounts with schedule banks:** | | |
| a) With Scheduled Banks | 1,492,570.00 | 1,036,992.00 |
| b) With Non-Scheduled Banks | - | - |
| c) With Institutions | - | - |
| d) Others | 1,796,148.85 | 115,122.00 |
| **Total (A)** | **3,288,718.85** | **1,152,114.00** |
| **1. Term Deposit Accounts with schedule banks:** | | |
| a) With Scheduled Banks | 21,098,175.96 | 21,470,602.00 |
| b) With Scheduled Banks (Hostel A/c) Annexure - III | 1,163,608.27 | 1,151,683.00 |
| c) With Non-Scheduled Banks | - | - |
| d) With Institutions | - | - |
| e) Others - Institute | 11,965,738.00 | 4,885,285.00 |
| f) Others - Guest House | 323,068.00 | |
| **Total (B)** | **34,550,590.23** | **27,507,570.00** |
| **2. On Loans:** | | |
| a) Employees/Staff | - | - |
| b) Others (Intrest from Income Tax return) | 228,233.00 | 2,346.00 |
| **Total ( C )** | **228,233.00** | **2,346.00** |
| 3. On Debtors and Other Receivables | 546,373.00 | 428,371.00 |
| **Total (D)** | **546,373.00** | **428,371.00** |
| **I. Transferred to Current Liabilities for refund to MOE €** | | **-** |
| **II. Transferred to Corpus Fund ( F )** | **35,331,089.96** | **27,938,718.00** |
| **GRAND TOTAL (A+B+C+D-E-F)** | **3,282,825.12** | **1,151,683.00** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 13- OTHER INCOME

(Amount in ₹ )

| PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| **A. Income from Land & Building** | | |
| 1. Hostel Room Rent | - | - |
| 2. License fee | 2,690,196.00 | 1,520,917.00 |
| 3. Hire Charges of Auditorium/Play ground/Convention Centre, Shopping Complex,Car Rent etc | 594,928.35 | 706,292.00 |
| 4. Electricity charges | - | - |
| 5. Water charges recovered | 211,701.00 | 126,120.00 |
| 6. Income from Guest House | 6,886,846.00 | 6,203,253.36 |
| **Total (A)** | **10,383,671.35** | **8,556,582.36** |
| **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 | | - |
| 2. RTI fees | 280.00 | - |
| 3. Income from Royalty | - | - |
| 4. Sale of application form (recruitment) | 49,000.00 | 3,625,500.00 |
| 5. Misc. receipts (Sale of tender form, waste paper,Scarp etc.) | 34,807.00 | - |
| 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 | 1,902.00 | 3,950.00 |
| iii.CEP Receipts | 562,915.00 | 1,641,639.15 |
| iv. Fine (Late fee & Library) | 196,625.00 | 317,504.00 |
| v.Liquidated Damages | 1,246,923.00 | 1,559,844.00 |
| vi.Misc. Income | 392,200.56 | 112,214.19 |
| vii.Penalty Charges to party/ Student | 100,000.00 | 39,000.00 |
| viii.Penal Intrest Collected | - | - |
| ix.SRIC Income | 202,784,672.90 | 171,085,725.17 |
| x.Gymkhana Income | 9,055,136.00 | 11,383,337.64 |
| **Total (D)** | **214,424,461.46** | **189,768,714.15** |
| **E. Transferred to Corpus Fund** | **5,518,562.91** | **8,011,341.19** |
| **GRAND TOTAL (A+B+C+D-E)** | **219,289,569.90** | **190,313,955.32** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 14- PRIOR PERIOD INCOME

(Amount in ₹ )

| PARTICULARS | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| **1.Academic Receipts** | | |
| 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 | (677,000.00) | (60,784.00) |
| **Total (A)** | **(677,000.00)** | **(60,784.00)** |
| **B. Transferred to Corpus Fund** | **(677,000.00)** | **(60,784.00)** |
| **GRAND TOTAL (A-B)** | | **-** |

## SCHEDULE 15 : Staff Payments & Benefits (Establishment Expenses)

(Amount in ₹ )

| | PARTICULARS | CURRENT YEAR 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|---|
| | | Plan | Non Plan | Total | Plan | Non Plan | Total |
| 1 | Salaries and Wages | 599,520,796.00 | - | 599,520,796.00 | 439,809,712.00 | - | 439,809,712.00 |
| 2 | Allowances and Bonus | | - | - | - | - | - |
| 3 | Contribution to Provident Fund | - | - | - | - | - | - |
| 4 | Contribution to Other Fund (NPS) | 76,015,353.00 | - | 76,015,353.00 | 55,546,684.00 | - | 55,546,684.00 |
| 5 | Staff Welfare Expenses | | - | - | - | - | - |
| 6 | Retirement and Terminal Benefits | 2,423,790.00 | - | 2,423,790.00 | 2,451,797.00 | - | 2,451,797.00 |
| 7 | LTC facility | 3,817,864.00 | - | 3,817,864.00 | 4,719,531.00 | - | 4,719,531.00 |
| 8 | Medical facility | 13,763,194.00 | - | 13,763,194.00 | 11,248,619.00 | - | 11,248,619.00 |
| 9 | Children Education Allowance | 5,822,493.00 | - | 5,822,493.00 | 4,430,000.00 | - | 4,430,000.00 |
| 10 | Honorarium | 1,398,401.00 | - | 1,398,401.00 | 3,518,890.00 | - | 3,518,890.00 |
| 11 | TA on transfer | 233,520.00 | - | 233,520.00 | 496,491.00 | - | 496,491.00 |
| 12 | Newspaper allowance | 1,066,104.00 | - | 1,066,104.00 | 834,226.00 | - | 834,226.00 |
| 13 | Leave Salary, Lien & Pension Contribution | 3,323,994.00 | - | 3,323,994.00 | 597,209.00 | - | 597,209.00 |
| 14 | NPS Admn Charges | 46,105.00 | - | 46,105.00 | 42,907.00 | - | 42,907.00 |
| 15 | Professional Development Allowance | 14,011,159.00 | - | 14,011,159.00 | 7,023,365.03 | - | 7,023,365.03 |
| 16 | EGI Expenses | - | - | - | - | - | - |
| 17 | Leave Encashment | 5,879,738.00 | - | 5,879,738.00 | 1,949,277.00 | | 1,949,277.00 |
| 18 | Incentives | 130,000.00 | - | 130,000.00 | - | | |
| 19 | Arrear Salary | 879,489.00 | - | 879,489.00 | - | - | - |
| | **TOTAL** | **728,332,000.00** | **-** | **728,332,000.00** | **532,668,708.03** | **-** | **532,668,708.03** |

# 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 31.3.2024 c(a-b) | - | - | - | - |
| Provision required on 31.03.2024 as per Actuarial 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. Actuarial valuation is not required. Please refer Sl 12 of Schedule 23 & Sl 7 of Schedule 24

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 16 – ACADEMIC EXPENSES

(Amount in ₹ )

| PARTICULARS | | CURRENT YEAR 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|---|
| | | Plan | Non Plan | Total | Plan | Non Plan | Total |
| 1 | Laboratory expenses | 12,741,959.50 | | 12,741,959.50 | 9,116,404.00 | - | 9,116,404.00 |
| 2 | Field work/Participation | - | | - | - | - | - |
| 3 | Seminar/Workshop | - | | - | - | - | - |
| 4 | Payment to visiting faculty | - | | - | 804,742.00 | - | 804,742.00 |
| 5 | Examination Expenses | 3,848,553.00 | | 3,848,553.00 | 2,827,888.00 | - | 2,827,888.00 |
| 6 | Student Welfare expenses | 7,921,264.00 | | 7,921,264.00 | 10,005,646.00 | - | 10,005,646.00 |
| 7 | Inter IIT Sports meet | 4,306,574.00 | | 4,306,574.00 | 4,257,425.00 | | 4,257,425.00 |
| 8 | Admission expenses | | | - | - | - | - |
| 9 | Convocation expenses | 1,163,392.00 | | 1,163,392.00 | 2,647,715.00 | - | 2,647,715.00 |
| 10 | Publications | | | - | - | - | - |
| 11 | Stipend/means-cum-merit scholarship | 172,572,098.00 | | 172,572,098.00 | 223,607,288.00 | - | 223,607,288.00 |
| 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 | 2,738,609.00 | | 2,738,609.00 | 4,223,543.93 | - | 4,223,543.93 |
| 17 | Operating Expenditure SES | 3,500,419.00 | | 3,500,419.00 | 2,876,432.00 | - | 2,876,432.00 |
| 18 | Operating Expenditure SIF | 3,080,754.00 | | 3,080,754.00 | 1,527,060.00 | - | 1,527,060.00 |
| 19 | Operating Expenditure HSS&M | 1,303,061.00 | | 1,303,061.00 | 1,256,621.00 | - | 1,256,621.00 |
| 20 | Operating Expenditure SMS | 2,002,752.00 | | 2,002,752.00 | 1,811,868.00 | - | 1,811,868.00 |
| 21 | Operating Expenditure CIF | 840,922.00 | | 840,922.00 | 3,145,378.00 | - | 3,145,378.00 |
| 22 | Operating Expenditure SEOCS | 1,685,191.00 | | 1,685,191.00 | 1,206,827.00 | - | 1,206,827.00 |
| 23 | Operating Expenditure SMMME | 2,389,413.00 | | 2,389,413.00 | 2,088,182.57 | - | 2,088,182.57 |
| 24 | Operating Expenditure CDC | 563,348.00 | | 563,348.00 | 315,082.00 | | 315,082.00 |
| **TOTAL** | | **220,658,309.50** | **-** | **220,658,309.50** | **271,718,102.50** | **-** | **271,718,102.50** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 17 – ADMINISTRATIVE AND GENERAL EXPENSES

(Amount in ₹ )

| | PARTICULARS | CURRENT YEAR 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|---|
| | | Plan | Non Plan | Total | Plan | Non Plan | Total |
| **A. Infrastructure** | | | | | | | |
| 1 | Electricity and power | 68,073,144.00 | | 68,073,144.00 | 54,684,685.00 | - | 54,684,685.00 |
| 2 | Water charges | 1,044,838.00 | | 1,044,838.00 | - | - | - |
| 3 | Insurance | | | - | - | - | - |
| 4 | Rent, Rates and Taxes (including property tax) | 2,500.00 | | 2,500.00 | 108,268.00 | - | 108,268.00 |
| **B. Communication** | | | | | | | |
| 1 | Postage & telegram | 111,917.00 | | 111,917.00 | 129,043.00 | - | 129,043.00 |
| 2 | Telephone and Internet Charges | 981,592.00 | | 981,592.00 | 678,061.00 | - | 678,061.00 |
| **C. Others** | | | | | | | |
| 1 | Printing and Stationary | 2,402,588.00 | | 2,402,588.00 | 2,617,123.34 | - | 2,617,123.34 |
| 2 | Traveling and Conveyance Expenses | 548,874.00 | | 548,874.00 | 432,955.00 | - | 432,955.00 |
| 3 | Audit Expenses/ Fees | 16,000.00 | | 16,000.00 | 318,960.00 | - | 318,960.00 |
| 4 | Professional Charges | 2,865,526.00 | | 2,865,526.00 | 2,415,370.00 | - | 2,415,370.00 |
| 5 | Advertisement and Publicity | 32,048.00 | | 32,048.00 | 341,520.00 | - | 341,520.00 |
| 6 | Magazines & Journals | 25,351.00 | | 25,351.00 | 24,725.00 | - | 24,725.00 |
| 7 | E-filing Charges | 39,059.00 | | 39,059.00 | 32,810.00 | - | 32,810.00 |
| 8 | Institute Function Expenses | 12,088,712.00 | | 12,088,712.00 | 2,142,559.00 | - | 2,142,559.00 |
| 9 | Relocation Charges | 4,649,458.00 | | 4,649,458.00 | 20,659.00 | - | 20,659.00 |
| 10 | Recruitment Expenses | 3,177,859.00 | | 3,177,859.00 | 3,490,691.00 | - | 3,490,691.00 |
| 11 | Guest House Expenses | 5,386,919.71 | | 5,386,919.71 | 5,289,796.91 | - | 5,289,796.91 |
| 12 | Misc. Expenses (Rounding up difference) | 0.02 | | 0.02 | - | - | - |
| 13 | Hostel Expenditure Annexure - III | 164,168,961.21 | | 164,168,961.21 | 146,984,941.20 | - | 146,984,941.20 |
| 14 | CEP Expenses | 27,189.52 | | 27,189.52 | 3,009.16 | - | 3,009.16 |
| 15 | Gymkhana Expenses | 10,314,257.03 | | 10,314,257.03 | 11,570,346.00 | - | 11,570,346.00 |
| 16 | Annual Membership Fees | | | - | 203,149.00 | - | 203,149.00 |
| 17 | Operating Expenditure Admin. | 8,426,750.00 | | 8,426,750.00 | 4,447,563.00 | - | 4,447,563.00 |
| 18 | Operating Expenditure - CITCS | 824,578.00 | | 824,578.00 | 1,046,869.00 | - | 1,046,869.00 |
| 19 | Operating Expenditure Library | 513,370.00 | | 513,370.00 | 284,302.00 | - | 284,302.00 |
| 20 | Operating Expenditure Hindi Cell & E Cell | 146,899.00 | | 146,899.00 | 318,272.00 | - | 318,272.00 |
| 21 | Security & Man power supply Exp. | 95,989,098.00 | | 95,989,098.00 | 89,061,669.00 | - | 89,061,669.00 |
| 22 | Fuel Exp. For DG Set | 283,710.00 | | 283,710.00 | 326,781.00 | - | 326,781.00 |
| 23 | Development of Horticulture Work | 8,897,650.00 | | 8,897,650.00 | 5,239,152.00 | - | 5,239,152.00 |
| 24 | IIT Council Secretariate Expenses | 100,000.00 | | 100,000.00 | 1,000,000.00 | - | 1,000,000.00 |
| 25 | Training of Employees | 144,416.00 | | 144,416.00 | 105,947.00 | - | 105,947.00 |
| 26 | SRIC Expenses | 202,784,672.90 | | 202,784,672.90 | 171,085,725.17 | | 171,085,725.17 |
| 27 | HEFA Loan Expenses - Stamp Duty | 23,718,160.00 | | 23,718,160.00 | | - | - |
| | **TOTAL** | **617,786,097.39** | **-** | **617,786,097.39** | **504,404,951.78** | **-** | **504,404,951.78** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 18 – TRANSPORTATION EXPENSES

(Amount in ₹ )

| Particulars | CURRENT YEAR 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|
| | Plan | Non Plan | Total | Plan | Non Plan | Total |
| 1. Vehicles (owned by institution) | | | | | | |
| a) Running expenses | - | - | - | - | - | - |
| b) Repairs & maintenance | 68,364.00 | - | 68,364.00 | 94,139.00 | - | 94,139.00 |
| c) Insurance expenses | 36,820.00 | - | 36,820.00 | 38,186.00 | - | 38,186.00 |
| d) Motor Vehicle Road Tax Expenses | 29,615.00 | - | 29,615.00 | | | |
| 2. Vehicles taken on rent/lease | | | | - | | |
| a) Rent/lease expenses | 12,707,282.00 | - | 12,707,282.00 | 10,737,093.00 | - | 10,737,093.00 |
| b) Fuel Expenses | 223,912.00 | - | 223,912.00 | 159,303.00 | - | 159,303.00 |
| 3. Vehicle (Taxi Hiring expenses) | - | - | - | - | - | - |
| **TOTAL** | **13,065,993.00** | **-** | **13,065,993.00** | **11,028,721.00** | **-** | **11,028,721.00** |

## SCHEDULE 19: REPAIRS & MAINTENANCE

(Amount in ₹ )

| Particulars | CURRENT YEAR 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|
| | Plan | Non Plan | Total | Plan | Non Plan | Total |
| a) Building | 27,168,625.00 | - | 27,168,625.00 | 12,439,121.00 | - | 12,439,121.00 |
| b) Furniture & Fixture | - | - | - | 391,955.00 | - | 391,955.00 |
| c) Plant & Machinery | - | - | - | - | - | - |
| d) Office Equipments | 11,183,960.00 | - | 11,183,960.00 | 7,296,183.00 | - | 7,296,183.00 |
| e) Cleaning material & services | 23,398,449.00 | - | 23,398,449.00 | 17,366,519.00 | - | 17,366,519.00 |
| f) Others (specify) | 107,619.00 | - | 107,619.00 | - | - | - |
| **TOTAL** | **61,858,653.00** | **-** | **61,858,653.00** | **37,493,778.00** | **-** | **37,493,778.00** |

## SCHEDULE 20 : FINANCE COSTS

(Amount in ₹ )

| Particulars | CURRENT YEAR 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|
| | Plan | Non Plan | Total | Plan | Non Plan | Total |
| a. Bank charges | 76,982.65 | | 76,982.65 | 45,016.21 | - | 45,016.21 |
| b. HEFA Loan Interest Exp on Capitalised Assets | - | | - | 1,964,894.00 | - | 1,964,894.00 |
| **TOTAL** | **76,982.65** | **-** | **76,982.65** | **2,009,910.21** | **-** | **2,009,910.21** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE 21 – OTHER EXPENSES

(Amount in ₹ )

| | Particulars | CURRENT YEAR 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|---|
| | | 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 2023-24 | | | PREVIOUS YEAR 2022-23 | | |
|---|---|---|---|---|---|---|---|
| | | Plan | Non Plan | Total | Plan | Non Plan | Total |
| 1 | Establishment Expenses | - | | - | 3,052,418.32 | - | 3,052,418.32 |
| 2 | Academic Expenses | 27,290.00 | | 27,290.00 | 1,919,351.00 | - | 1,919,351.00 |
| 3 | Administrative Expenses | 10,555,129.00 | | 10,555,129.00 | 4,941,007.17 | - | 4,941,007.17 |
| 4 | Transportation Expenses | - | | - | - | - | - |
| 5 | Repairs & Maintenance Expenses | 914,275.00 | | 914,275.00 | 475,742.00 | - | 475,742.00 |
| 6 | Other Expenses | 36,638.00 | | 36,638.00 | - | - | - |
| | **TOTAL** | **11,533,332.00** | **-** | **11,533,332.00** | **10,388,518.49** | **-** | **10,388,518.49** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-23

*SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2024*

### 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 2024 (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 Insstitute 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.

c) 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.

d) **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 completion of the Project 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 2024 (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 2023-24 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, purchases and works contracts, etc.

### 9. FOREIGN CURRENCY TRANSACTION

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

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-23

*SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2024 (Contd.)*

### 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.

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.

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-23

*SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2024 (Contd.)*

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 based on the situation araises.

### 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.

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-23

*SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2024 (Contd.)*

### 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.'

### 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 2024*

### A.CONTINGENT LIABILITIES

1. Claims against the Entity not acknowledged as debts - ₹ 31.66 crore (Previous year ₹ 22.02 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 2024, MEIL has claimed ₹ 31.76 crore including Penal Interest on this account and against this Payment of ₹ 0.10 crore has been made based on actual consumption. 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 based on interim Order, 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)
- Municipal Taxes-₹ NIL(Previous year ₹ NIL)
- GST - ₹ 23.51 Lakhs (Previous year ₹ NIL) – During the year, Order from Office Of the Principal Commissioner, Goods and Service Tax and Central Excise, Bhubaneswar Commisionerate towards claim of Input Tax Credit of GST for FY 2017-18 to FY 2021-22 dated 30.11.2023 bearing DIN – 20231162WJ0000980208 has been received without proper demand amount, Interest and Penalty. Rectification has been subsequently filed on 09.02.2024 and rectification order is pending as on 31.03.2024 and accordingly appeal has not been filed as on 31.03.2024.

### B. NOTES TO ACCOUNTS

#### 1. GOVERNMENT GRANT

During the year 2023-24, the Institute released all its payments out of Govt grant under Treasury Single Account (TSA) through RBI, New Delhi.

Grants-in-aid of ₹200.02 crore was released by MoE during 2023-24 for meeting recurring expenses (₹136.34 crore), creation of capital assets (₹ 13.95 crore) and payment of HEFA loan principal and interest (₹49.72 crore) as indicated in table below.

Revenue grant of ₹135.89 crore (i.e ₹136.34 crore less lapsed ₹0.45 crore and deficit of 2022-23 i.e.₹9.56 crore as on 31.3.2023) has been recognized as revenue income (Grants received) in the 'Income and Expenditure Account.' Against this, revenue expenses incurred during 2022-23 was ₹ 127.80 crore resulting in a deficit of ₹1.47 crore at the year end.

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-24

### *CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2024 (Contd.)*

(₹ in crore)

| Installment. No | Sanction Letter No. and Date | Grants sanctioned | Grants received | OH |
|---|---|---|---|---|
| 1 | F.No.27-2/2023-TS-1 dated 27.04.2023 | 5,57,00,000 | 5,57,00,000 | 31 |
| | | 37,00,000 | 37,00,000 | 31 |
| | | 18,00,000 | 18,00,000 | 31 |
| | | 5,63,00,000 | 5,63,00,000 | 36 |
| | | 37,00,000 | 37,00,000 | 36 |
| | | 18,00,000 | 18,00,000 | 36 |
| | | 5,12,00,000 | 5,12,00,000 | 35 |
| | | 34,00,000 | 34,00,000 | 35 |
| | | 16,00,000 | 16,00,000 | 35 |
| 2 | F.No.27-2/2023-TS-1 dated 04.05.2023 | 5,41,00,000 | 5,41,00,000 | 31 |
| | | 36,00,000 | 36,00,000 | 31 |
| | | 17,00,000 | 17,00,000 | 31 |
| | | 5,46,00,000 | 5,46,00,000 | 36 |
| | | 36,00,000 | 36,00,000 | 36 |
| | | 18,00,000 | 18,00,000 | 36 |
| | | 6,49,00,000 | 6,49,00,000 | 35 |
| | F.No.27-2/2023-TS-1 (Pt.3) dated 24.07.2023 | 43,00,000 | 43,00,000 | 35 |
| | | 21,00,000 | 21,00,000 | 35 |
| | | 5,41,00,000 | 5,41,00,000 | 31 |
| 3 | F.No.27-2/2023-TS-1 dated 02.06.23 | 5,41,00,000 | 5,41,00,000 | 31 |
| | | 36,00,000 | 36,00,000 | 31 |
| | | 17,00,000 | 17,00,000 | 31 |
| | | 5,46,00,000 | 5,46,00,000 | 36 |
| | | 36,00,000 | 36,00,000 | 36 |
| | | 18,00,000 | 18,00,000 | 36 |
| | F.No.27-2/2023-TS-1 dated 19.10.23 | 1,09,00,000 | 1,09,00,000 | 35 |
| | | 7,00,000 | 7,00,000 | 35 |
| | | 4,00,000 | 4,00,000 | 35 |
| 4 | F.No.27-2/2023-TS-1 dated 18.07.23 | 3,68,00,000 | 3,68,00,000 | 31 |
| | | 24,00,000 | 24,00,000 | 31 |
| | | 12,00,000 | 12,00,000 | 31 |
| | | 5,72,00,000 | 5,72,00,000 | 36 |
| | | 38,00,000 | 38,00,000 | 36 |
| | | 18,00,000 | 18,00,000 | 36 |
| | F.No.14-14/2022-TS-1 dated 07.08.23 | 4,52,00,000 | 4,52,00,000 | 31 |
| | | 30,00,000 | 30,00,000 | 31 |
| | | 15,00,000 | 15,00,000 | 31 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-24

### *CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2024 (Contd.)*

| Installment. No | Sanction Letter No. and Date | Grants sanctioned | Grants received | OH |
|---|---|---|---|---|
| 5 | F.No.27-2/2023-TS-1 dated 03.08.23 | 3,68,00,000 | 3,68,00,000 | 31 |
| | | 24,00,000 | 24,00,000 | 31 |
| | | 12,00,000 | 12,00,000 | 31 |
| | | 5,72,00,000 | 5,72,00,000 | 36 |
| | | 38,00,000 | 38,00,000 | 36 |
| | | 18,00,000 | 18,00,000 | 36 |
| 6 | F.No.27-2/2023-TS-1 (Pt.2) dated 11.09.23 | 3,80,00,000 | 3,80,00,000 | 31 |
| | | 25,00,000 | 25,00,000 | 31 |
| | | 12,00,000 | 12,00,000 | 31 |
| | | 5,90,00,000 | 5,90,00,000 | 36 |
| | | 39,00,000 | 39,00,000 | 36 |
| | | 19,00,000 | 19,00,000 | 36 |
| 7 | F.No.27-2/2023-TS-1 dated 19.10.23 | 2,21,00,000 | 2,21,00,000 | 31 |
| | | 15,00,000 | 15,00,000 | 31 |
| | | 7,00,000 | 7,00,000 | 31 |
| | | 5,22,00,000 | 5,22,00,000 | 36 |
| | | 34,00,000 | 34,00,000 | 36 |
| | | 17,00,000 | 17,00,000 | 36 |
| 8 | F.No.27-2/2023-TS-1 dated 02.11.23 | 2,15,00,000 | 2,15,00,000 | 31 |
| | | 14,00,000 | 14,00,000 | 31 |
| | | 7,00,000 | 7,00,000 | 31 |
| | | 5,06,00,000 | 5,06,00,000 | 36 |
| | | 34,00,000 | 34,00,000 | 36 |
| | | 16,00,000 | 16,00,000 | 36 |
| 9 | F.No.27-2/2023-TS-1 dated 04.12.23 | 2,14,00,000 | 2,14,00,000 | 31 |
| | | 14,00,000 | 14,00,000 | 31 |
| | | 7,00,000 | 7,00,000 | 31 |
| | | 5,05,00,000 | 5,05,00,000 | 36 |
| | | 34,00,000 | 34,00,000 | 36 |
| | | 16,00,000 | 16,00,000 | 36 |
| 10 | F.No.27-2/2023-TS-1 dated 18.01.24 | 6,78,00,000 | 6,78,00,000 | 36 |
| | | 45,00,000 | 45,00,000 | 36 |
| | | 22,00,000 | 22,00,000 | 36 |
| | | 5,57,00,000 | 5,57,00,000 | 31 |
| | | 37,00,000 | 37,00,000 | 31 |
| | | 18,00,000 | 18,00,000 | 31 |
| 11 | F.No.27-2/2023-TS-1 (Pt.2) dated 06.02.24 | 5,41,00,000 | 5,41,00,000 | 31 |
| | | 36,00,000 | 36,00,000 | 31 |
| | | 17,00,000 | 17,00,000 | 31 |
| | | 6,58,00,000 | 6,58,00,000 | 36 |
| | | 44,00,000 | 44,00,000 | 36 |
| | | 21,00,000 | 21,00,000 | 36 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE-24

### *CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2024 (Contd.)*

| Installment. No | Sanction Letter No. and Date | Grants sanctioned | Grants received | OH |
|---|---|---|---|---|
| 12 | F.No.27-2/2023-TS-1 dated 01.03.24 | 5,41,00,000 | 5,41,00,000 | 31 |
| | | 36,00,000 | 36,00,000 | 31 |
| | | 17,00,000 | 17,00,000 | 31 |
| | | 6,58,00,000 | 6,58,00,000 | 36 |
| | | 44,00,000 | 44,00,000 | 36 |
| | | 21,00,000 | 21,00,000 | 36 |
| 13 | F.No.27-2/2023-TS-1 dated 18.03.24 | 1,26,000 | 1,26,000 | 31 |
| 1st HEFA Loan Interest | F.No.27-3/2023-TS-1 dated 26.04.23 | 3,20,87,693 | 3,20,87,693 | 31 |
| | | 21,26,979 | 21,26,979 | 31 |
| | | 10,31,632 | 10,31,632 | 31 |
| 2nd HEFA Loan Interest | F.No.27-3/2023-TS-1 dated 18.07.23 | 2,58,76,329 | 2,58,76,329 | 31 |
| | | 17,15,250 | 17,15,250 | 31 |
| | | 8,31,934 | 8,31,934 | 31 |
| 3rd HEFA Loan Interest | F.No.27-3/2023-TS-1 dated 30.10.23 | 3,33,53,456 | 3,33,53,456 | 31 |
| | | 22,10,882 | 22,10,882 | 31 |
| | | 10,72,327 | 10,72,327 | 31 |
| 4th HEFA Loan Interest | F.No.27-3/2023-TS-1 dated 17.01.24 | 3,40,33,794 | 3,40,33,794 | 31 |
| | | 22,55,979 | 22,55,979 | 31 |
| | | 10,94,200 | 10,94,200 | 31 |
| HEFA Loan Principal (1st Installment) | F.No.27-3/2023-TS-1 dated 08.06.23 | 8,19,00,000 | 8,19,00,000 | 31 |
| | | 54,00,000 | 54,00,000 | 31 |
| | | 27,00,000 | 27,00,000 | 31 |
| HEFA Loan Principal (2nd Installment) | F.No.27-3/2023-TS-1 dated 18.09.23 | 9,39,00,000 | 9,39,00,000 | 31 |
| | | 62,00,000 | 62,00,000 | 31 |
| | | 30,25,000 | 30,25,000 | 31 |
| HEFA Loan Principal (3rd Installment) | F.No.27-3/2023-TS-1 dated 12.12.23 | 8,20,00,000 | 8,20,00,000 | 31 |
| | | 54,00,000 | 54,00,000 | 31 |
| | | 26,00,000 | 26,00,000 | 31 |
| HEFA Loan Principal (6th Installment) | F.No.27-3/2023-TS-1 dated 04.03.24 | 7,02,00,000 | 7,02,00,000 | 31 |
| | | 47,00,000 | 47,00,000 | 31 |
| | | 15,13,750 | 15,13,750 | 31 |
| **Total GIA sanctioned** | | **2,00,01,55,205** | **2,00,01,55,205** | |

Against net availability of ₹ 13.68 crore during 2023-24 (unspent capital grants of ₹ 0.27 crore available as on 31st March 2023, the release of ₹27.16 crore less ₹0.00 crore lapsed), ₹ 16.58 crore was utilised during 2023-24 and the amount utilised has been added to the Capital Fund. Deficit MoE Grants (Capital) of ₹ 2.90 crore has been shown under 'Current Assets' as grant receivable from MoE pending adjustment on receipt of MoE grant for 2023-24.

Similarly, the deficit in revenue grant (₹2.90 crore) during 2023-24 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 ₹49.72 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 2023-24,an amount of ₹28.42 crore out of which interest of ₹13.17 crore received during the year on investment of Corpus Fund, and ₹ 24.61 crore being internal income on account of tuition and other fee collected from students and R&D overhead of ₹1.38 Crore and utilised towards HEFA loan principal (₹9.88 crore), repayment of HEFA loan security deposit (₹3.00 crore), expenditure incurred on Kendriya Vidyalaya, IIT, Bhubaneswar (₹ 1.71 crore) and expenditure for Vatsalya Creche (₹0.18 crore) 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 31.03.2024 increase to ₹ 228.77 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.

**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 | | | |
|---|---|---|---|---|---|
| | | Opening Balance as on 01-04-2023 | Additions during the year 2023-24 | Deductions during the year 2023-24 | Closing Balance as on 31.03.24 |
| 1 | Plant Machinery & Equipments | 37,30,72,291.27 | 2,62,49,142.00 | - | 39,93,21,433.27 |
| 2 | Furniture & Fixtures | 33,69,329.00 | 1,44,312.00 | - | 35,13,641.00 |
| 3 | Office Equipments | 3,70,544.00 | 16,66,128.00 | - | 20,36,672.00 |
| 4 | Computer Peripheral/Softwares | 5,73,56,715.46 | 1,67,24,927.00 | - | 7,40,81,642.46 |
| 5 | Asset in Transit | - | - | - | - |
| **TOTAL OF CURRENT YEAR** | | **43,41,68,879.73** | **4,47,84,509.00** | **-** | **47,89,53,388.73** |

5. **HEFA loan:** During the year 2023-24, loan of ₹ 153.99 crore was availed by the Institute for payment to NBCC out of ₹240 crore sanctioned during February 2023 and a cumulative loan availed up to 31st March 2024 was ₹ 153.99 crore. As per the GoI 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 ₹39.50 crore was repaid to HEFA (MoE grant-₹26.954 crore and Institute share-₹9.875 crore). However, Payment for the quarter ended 31st March 2024 towards MoE Contribution has been paid out of cancellation of Fixed Deposits created against Security Deposit for HEFA Loans amounting to ₹2.671 crore and the same has been received on 01.05.2024 from MoE and Fixed Deposit created accordingly.

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 during the Previous Financial Year 2022-23 but the statement of NBCC is yet to disclose the same.

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 2024. 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 no employee of this Institute retired on superannuation during the Financial Year no provisions are required in the Finacial Statesments.

   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 ₹14.85 lakh has been received under Corporate Social Responsibility during the year.

10. **Related Party Disclosure:** No such case.

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

## Balance Sheet as at 31st March 2024 (Contd.)

| LIABILITIES | Previous Year | Current Year | (Amount in ₹ ) |
|---|---|---|---|
| | | | |
| **Capital Grant against Project Assets** | **434,164,885.73** | **44,784,509.00** | **478,949,394.73** |
| Sponsored Research Project | 383,731,337.52 | 40,031,229.00 | 423,762,566.52 |
| Asset R&D | 1,840,691.00 | 160,419.00 | 2,001,110.00 |
| Seed Money Project | 48,592,857.21 | 4,592,861.00 | 53,185,718.21 |
| | | | |
| **Current Liability:-** | | | |
| **A. Unspent Project Balance** | | | |
| Sponsored Research Project {Sch - 3A (1)} | 180,271,656.08 | (13,252,452.32) | 193,524,108.40 |
| Sponsored Consultancy Receipt {Sch - 3A (2)} | 51,128,960.26 | (42,879,306.96) | 94,008,267.22 |
| Seed Money Grant {Sch - 3A (3)} | 7,724,155.34 | 1,432,860.00 | 6,291,295.34 |
| Sponsored Fellowship {Sch - 3(B)} | 3,235,652.00 | 193,523.00 | 3,042,129.00 |
| **B. Interest Received From Bank** | | | |
| Bank Interest | 38,931,662.87 | 17,985,441.28 | 56,917,104.15 |
| Accrued Interest | 94,576,378.11 | 6,429,117.40 | 101,005,495.51 |
| Tender fee | 455,000.00 | 500.00 | 454,500.00 |
| PDF Application Fees | 25,000.00 | - | 25,000.00 |
| **C. Other Liabilities:** | | | |
| Demmrage Charges & Amendment Charges | 1,399.00 | - | 1,399.00 |
| Grant to Spoke Institute (DIC) | 4,950,000.00 | - | 4,950,000.00 |
| Other Liabilities | 2,173,240.25 | (5,218,948.03) | 7,392,188.28 |
| Sundry Creditor | 37,635,386.15 | 6,545,078.94 | 31,090,307.21 |
| Stale Cheque | 710,917.64 | 24,005.00 | 686,912.64 |
| Liquidated Damages | 3,605,943.89 | 273,498.00 | 3,879,441.89 |
| Performance Bank Gurantee (PBG) | 2,678,387.00 | 1,005,265.00 | 3,683,652.00 |
| Duty & Tax | - | - | - |
| Institute Overhead | 11,551,918.17 | 13,811,290.62 | 25,363,208.79 |
| School Development Fund | 17,291,538.00 | 3,485,709.82 | 20,777,247.82 |
| Faculty Development Fund | 9,035,009.00 | 3,006,273.00 | 12,041,282.00 |
| Earnest Money Deposit (EMD) | 617,286.18 | 69,000.00 | 548,286.18 |
| Workshop | 184,363.70 | (156,686.00) | 27,677.70 |
| Security Deposit | 134,119.00 | 95,690.36 | 229,809.36 |
| **TOTAL LIABILITIES** | **901,082,858.37** | | **1,044,888,707.22** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

## Balance Sheet as at 31st March 2024 (Contd.)

| ASSETS | Opening | Addition/ Modification | (Amount in ₹ ) |
|---|---|---|---|
| **Fixed Assets:** | **434,168,879.73** | **44,784,509.00** | **478,953,388.73** |
| Equipement | 373,072,291.27 | 26,249,142.00 | 399,321,433.27 |
| Office Equipement | 370,544.00 | 1,666,128.00 | 2,036,672.00 |
| Workstattion/Computer | 51,340,305.46 | 14,942,856.00 | 66,283,161.46 |
| Furniture & Fixture | 3,369,329.00 | 144,312.00 | 3,513,641.00 |
| Acessories | 523,708.00 | 249,021.00 | 772,729.00 |
| Software | 5,492,702.00 | 1,533,050.00 | 7,025,752.00 |
| **Current Assets:** | | | |
| Advance | 2,313,047.80 | -376,641.00 | 1,936,406.80 |
| Grant to Spoke Institute | 4,950,000.00 | - | 4,950,000.00 |
| Debtors | 6,177,591.10 | (1,819,933.11) | 4,357,657.99 |
| Tax Deducted at Source (TDS) | 8,991,742.44 | 4,455,284.46 | 13,447,026.90 |
| Goods & Service Tax (TDS) | - | 438,449.00 | 438,449.00 |
| Term Deposit | 440,327,045.88 | 93,413,837.63 | 533,740,883.51 |
| | | | |
| **Bank A/c:** | **4,154,551.42** | | **7,064,894.29** |
| As per Annuxre I | | | |
| **TOTAL ASSETS** | **901,082,858.37** | | **1,044,888,707.22** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

## Income & Expenditure Account for the Year Ended 31st March 2024

| INCOME | | (Amount in ₹) |
|---|---|---|
| **Add: Receipt during the year** | | |
| Consultancy Project | | **45,754,683.11** |
| Sponsored Research Project | 124,183,655.68 | |
| Less : Refund | 12,470,005.68 | |
| Less : Reallocation of fund | 2,726,328.00 | 108,987,322.00 |
| Sponsored Fellowship | | 4,768,654.00 |
| Seed Grant | | 5,432,860.00 |
| Institute Overheads | | 36,594,575.79 |
| CEP Grant Receipt | | 1,246,578.00 |
| **TOTAL** | | **202,784,672.90** |
| EXPENDITURE | | (Amount in ₹) |
| Salary to JRF/SRF and project Assistant | | 32,287,489.00 |
| Consumables | | 16,892,323.00 |
| Contingencies | | 5,079,862.00 |
| Recurring Expenses | | 3,794,889.21 |
| Travel Expenses | | 5,786,056.00 |
| Consultancy Fees & Honorarium | | 40,737,964.90 |
| Meeting & Workshop Expenses | | 1,014,748.00 |
| Institute Corpus Fund | | 25,363,208.79 |
| Fellowship | | 4,768,654.00 |
| Sample Preparation & Testing | | 201,426.00 |
| Outsourcing Subcontracting & Procured Service | | 2,488,036.00 |
| SRIC Recurring Expenses | | 1,922,304.00 |
| SRIC Non Recurring Expenses | | 160,419.00 |
| Fee for Intelectual Assets | | 1,576,900.00 |
| Fabrication & Other Cost | | 1,956,296.00 |
| Startup & IPR Expenses | | 102,745.00 |
| Project Management cost | | 52,180.00 |
| Material Cost | | 1,534,000.00 |
| Faculty Development Fund | | 3,659,458.00 |
| School Development Fund | | 5,489,186.00 |
| Scientific & Social Responsibility | | 474,229.00 |
| Research Grant | | 1,571,631.00 |
| CEP Grant Payment | | 1,246,578.00 |
| **Non Recurring Exependiture:-** | | |
| Equipment | | 26,249,142.00 |
| Office Equipment | | 1,666,128.00 |
| Work Station and computer | | 14,807,005.00 |
| Furniture & Fixture | | 119,744.00 |
| Acessories | | 249,021.00 |
| Software | | **1,533,050.00** |
| **TOTAL PAYMENT** | | **202,784,672.90** |
| **CLOSING BALANCE** | | **-** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY

### Receipts and Payments Account for the Year Ended 31st March 2024

| RECEIPTS | | (Amount in ₹ ) | PAYMENTS | | (Amount in ₹ ) |
|---|---|---|---|---|---|
| **Opening Bank Balance** | | **41,54,551.42** | **FOR REVENUE EXPENSES** | | |
| **Add: Receipt during the year** | | | Interest Paid | | 22,23,401.00 |
| Consultancy Project | | 8,86,33,990.07 | Deposits | | 9,34,13,837.63 |
| Sponsored Research Project | 13,74,36,108.00 | | Loan & advances | | 38,60,578.00 |
| Less : Refund | 1,24,70,005.68 | | Goods & Service Tax (GST) TDS | | 4,38,449.00 |
| Less : Reallocation of Fund | 27,26,328.00 | 12,22,39,774.32 | Sundry Creditors | | 17,77,84,722.10 |
| Sponsored Fellowship | | **45,75,131.00** | Income Tax TDS | | 44,55,284.46 |
| Seed Grant | | **40,00,000.00** | Salary to JRF/SRF and project Assistant | | 3,22,87,489.00 |
| **Institute Overheads** | | **3,65,94,575.79** | Consumables | | 1,68,92,323.00 |
| Goods & Service Tax (GST) | | 2,31,88,147.78 | Contingencies | | 50,79,862.00 |
| Duty & Taxes | | 1,30,84,928.82 | **Recurring Expenses** | | 37,94,889.21 |
| Performance Bank Gurantee (PBG) | | **10,05,265.00** | Travel Expenses | | 57,86,056.00 |
| Other Current Liability | | 52,18,948.03 | Consultancy Fees & Honorarium | | 4,07,37,964.90 |
| Loan & advances | | 42,37,219.00 | Meeting & Workshop Expenses | | 12,21,434.00 |
| Sundry Creditors | | 17,12,39,643.16 | Institute Corpus Fund | | 1,15,51,918.17 |
| Sundry Debtors | | 18,08,328.47 | Fellowship | | 47,68,654.00 |
| Security Deposit | | **1,07,295.00** | Acqiation of fixed assets:- | | |
| WorkShop | | 50,000.00 | Equipment | | 2,62,49,142.00 |
| Bank Interest | | 2,02,08,842.28 | Office Equipment | | 16,66,128.00 |
| Interest on TDR | | 64,29,117.40 | Work Station and computer | | 1,48,07,005.00 |
| CEP Grant Receipt | | 12,46,578.00 | Acessories | | 2,49,021.00 |
| Liquidated Damages | | 2,73,498.00 | Furniture & Fixture | | 1,19,744.00 |
| | | | Software | | 15,33,050.00 |
| | | | Sample Preparation & Testing | | 2,01,426.00 |
| | | | Outsourcing , Subcontracting & procured Service | | 24,88,036.00 |
| | | | SRIC Recurring Expenses | | 19,22,304.00 |
| | | | SRIC Non Recurring Expenses | | 1,60,419.00 |
| | | | Fee for Intelectual | | 15,76,900.00 |
| | | | Fabrication & Other Cost | | 19,56,296.00 |
| | | | Startup & IPR Expenses | | 1,02,745.00 |
| | | | Project Management cost | | 52,180.00 |
| | | | Tender Fees | | 500.00 |
| | | | Duty & Taxes | | 1,30,84,928.82 |
| | | | Good and Service Tax | | 2,31,88,147.78 |
| | | | Stale Cheque | | 24,005.00 |
| | | | **Material Cost** | | 15,34,000.00 |
| | | | Faculty Development Fund | | 6,53,185.00 |
| | | | School Development Fund | | 20,03,476.18 |
| | | | Scientific & Social Responsibility | | 4,74,229.00 |
| | | | Research Grant | | 15,71,631.00 |
| | | | Earnest Money Deposit (EMD) | | 69,000.00 |
| | | | CEP Grant Payment | | 12,46,578.00 |
| | | | Closing Bank Balance | | |
| | | | (As per Annexure-I) | | 70,64,894.29 |
| **TOTAL RECEIPT** | | **50,82,95,833.54** | **TOTAL PAYMENT** | | **50,82,95,833.54** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT

(Amount in ₹)

| 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 |
| 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 | 9,758,366.00 | - | - | 9,758,366.00 | - | 9,758,366.00 | |
| 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 | 892,899.00 | | | 892,899.00 | - | 892,899.00 | |
| 5 | Design, Synthesis and biological evaluation of novel Ftsz 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 aquous 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 iof 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 | - | 149,415.00 | | (149,415.00) | | - | 149,415.00 |
| 11 | Investigation on the field and laboratory corrosion behaviour of steel in structural concretes | DST | 123,163.00 | - | | 123,163.00 | | 123,163.00 | - |
| 12 | Robust Nonlinear Channel Equalization and Indentification using Bio-inspired techniques. | DST | 120,003.00 | - | | 120,003.00 | | 120,003.00 | - |
| 13 | 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 | |
| 14 | Novel Hypereute Al-si-mg alloys for automative applications | DST | 8,070.00 | - | | 8,070.00 | | 8,070.00 | - |
| 15 | National Initiative for Design Innovation | MHRD | - | 232,096.00 | 8,820,950.00 | 8,588,854.00 | 8,598,933.00 | - | 10,079.00 |
| 16 | Investigations of Aerosol Outflow from Indo Gangetic Plain | ISRO | 659,021.00 | - | 1,000,000.00 | 1,659,021.00 | 631,000.00 | 1,028,021.00 | - |
| 17 | Synthesis, Characterisation and development of red mud-fly ash based geopolymer concrete | NALCO | 465,767.00 | - | | 465,767.00 | - | 465,767.00 | - |
| 18 | Analysis & Design of acoustic absorber linings for underwater application | NPOL | 122,930.00 | - | | 122,930.00 | - | 122,930.00 | - |
| 19 | Intramolecular 1,3-dipolar cycloaddition of nitrile oxide to embellished bicyclo[2.2.2] octenones ant 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.)

(Amount in ₹)

| 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 |
| 20 | Study on the development of ultra-sensitive optical fiber accelerometer based on Fiber Bragg grating (FBG) written Trapered Thin-Core Fiber | RCI | 25,750.00 | - | | 25,750.00 | - | 25,750.00 | - |
| 21 | Optimization HIP process conditions for 9Cr and 18Cr ODS steel powder | UGC-DAE | 79,819.00 | - | | 79,819.00 | - | 79,819.00 | - |
| 22 | "Southampton & National Oceanography centre IIT Bhubaneswar UMASS Dartmauth- Earth, Ocean& climate Science" | UKIERI | 156,297.00 | - | | 156,297.00 | - | 156,297.00 | - |
| 23 | Neutron Diffraction studies of fiels induced magnetic transmission in Er5si3 | UGC-DAE | 12,719.00 | - | | 12,719.00 | - | 12,719.00 | - |
| 24 | Design and implementation of MIMO based transceiver for emergency applications | DST | 288,551.00 | - | | 288,551.00 | | 288,551.00 | - |
| 25 | Development of Higher Order Compact Scheme to capture Taylor column phenomena in rotating fluids | DST | - | 89,459.00 | | (89,459.00) | | - | 89,459.00 |
| 26 | Pool Boiling Crisis on Porous Coated Surface: An Experimental Study and Model Development | DST | 169,686.00 | - | | 169,686.00 | | 169,686.00 | - |
| 27 | Quantifying the impact of urbanisation and climate change on the microclimate of Bhubaneswar | DST UKIERI | 238,407.00 | - | - | 238,407.00 | - | 238,407.00 | |
| 28 | Project Liability | | - | 72,807.00 | | (72,807.00) | | - | 72,807.00 |
| 29 | Establishment of Innovation-cum-Incubation Centre at IIT Bhubaneswar | Planning & Coordination Dept. Odisha | 775,527.00 | - | | 775,527.00 | | 775,527.00 | - |
| 30 | Visveswaraya PHD Scheme | DeitY | 83,635.00 | - | | 83,635.00 | 33,815.00 | 49,820.00 | - |
| 31 | Simulation of coastall circulation on North-West Bay of Bengal | DST | - | 24,740.00 | | (24,740.00) | - | | 24,740.00 |
| 32 | Development of Deep Hole Drilling Technique for Measurement of Residual Stresses and its Validation | BRNS | 30,209.00 | | | 30,209.00 | | 30,209.00 | |
| 33 | Fabrication and characterisation of CVD diamond detectors for plasma diagnostics in nuclear fusion reactors | BRNS | 90,706.00 | | | 90,706.00 | | 90,706.00 | |
| 34 | Modelling of Chemical Vapour Infiltration (CVI) process for Fabrication of Carbon Reinforced Carbon Matrix Composites | DRDO | 170,616.00 | | | 170,616.00 | | 170,616.00 | |
| 35 | Study of the effects of Climate Change on Hydro-meteorological processes: Droughts and Floods at Different Spatial and Temporal Scales in Eastern India | DST | 655,156.00 | | | 655,156.00 | | 655,156.00 | |
| 36 | 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 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 37 | Development of enhanced hydrophobic tube bundle with low pressure drop for two phase shell and tube heat exchanger | DST | - | 394,643.00 | 156,135.00 | (238,508.00) | | - | 238,508.00 |
| 38 | 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 | - |
| 39 | Greywater treatment and reuse by combined sequencing batch reactor and solar photocatalytic reactor | DST | - | 153,940.00 | | (153,940.00) | | - | 153,940.00 |
| 40 | "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 | |
| 41 | Driver behavior modelling for autonomous driving | KPIT Technology Ltd | 11,607.00 | - | | 11,607.00 | | 11,607.00 | - |
| 42 | Atomic Scale Aluminium as Interconnects in Electronic devices | NALCO | 1,486,852.00 | - | | 1,486,852.00 | 180,000.00 | 1,306,852.00 | - |
| 43 | 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 | 645,683.00 | - | | 645,683.00 | 355,531.00 | 290,152.00 | - |
| 44 | 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 | - |
| 45 | Structural studies on the interaction of hc5a with the N-terminus peptides of C5aR and C5L2 receptor | DST | 18.00 | - | - | 18.00 | - | 18.00 | - |
| 46 | Design and Development of Optical Microfiber based Acoustic Sensors for Under/ Over Water Applications | DST | 100,668.18 | - | 21,943.00 | 122,611.18 | 122,611.18 | - | - |
| 47 | Optimization Of Silos, Bins And Hoppers Designs Through Modelling, Primarily Intended For Iron Ore Storage | UAY of MHRD & NMDC | 262,269.00 | | 155,722.00 | 417,991.00 | - | 417,991.00 | |
| 48 | Magnetic properties of self-assembled bivalent, trivalent and mixed-valent [2x2] transition metal grids | UGC-DAE | 246,600.00 | | | 246,600.00 | | 246,600.00 | |
| 49 | Design development of light weight wearable wireless acoustic wave sensor array based audio-visual digital stethoscope device | DST | 355,969.00 | | | 355,969.00 | | 355,969.00 | |
| 50 | Design and Development of Affordable and Movable Solar Photovoltaic (SPV) Water Pumping System | DA&FP | 210,572.00 | - | | 210,572.00 | - | 210,572.00 | - |
| 51 | Design and analysis of reactor for catalytic co-pyrolysis of biomass and plastic: A treatment technique for mixed solid waste | DST | - | 247,515.00 | | (247,515.00) | | - | 247,515.00 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 52 | Growth and characterization of semiconductor graphene hybrid nanosheets for sola cell applications | DST | - | 33,329.00 | | (33,329.00) | | - | 33,329.00 |
| 53 | UI-ASSIST: US-India collaborative for smart distribution system with storage | IUSSTF | 3,202,267.00 | - | 705,000.00 | 3,907,267.00 | 3,643,477.00 | 263,790.00 | |
| 54 | Design and study of Nano and micro displacement sensor based on Photonic Crystal Fiber modal interferometer | ISRO | 92,721.00 | | | 92,721.00 | 92,721.00 | - | |
| 55 | Detection of lighting phenomena and associated process and its now casting | ISRO | 10.00 | - | | 10.00 | - | 10.00 | - |
| 56 | Treatment for domestic wastewater using microphyte assisted vermifiltration system | MHRD | 1,656.00 | - | | 1,656.00 | | 1,656.00 | - |
| 57 | UK India clean energy research institute (UKICERI) | MHRD | - | 57,863.00 | | (57,863.00) | - | - | 57,863.00 |
| 58 | 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 | - |
| 59 | Materials and related storage devices for grid-deprived communities | DST | 799.00 | - | | 799.00 | | 799.00 | - |
| 60 | Investigation on quantification and prevention of high residual stresses and hydrogen assisted cracking in creep strength enhanced ferritic steel welds for low pollution ultra supereritical power plant applications | DST | 477,943.00 | - | | 477,943.00 | | 477,943.00 | - |
| 61 | Value added Electrochemical Devices from Zircon Obtained from Beach Sands of Odisha | DST | - | 10,270.00 | | (10,270.00) | | - | 10,270.00 |
| 62 | Performance Improvement of Steam Generator through the Enhanced Hydrophobic Surface | CPRI | 53,224.40 | | | 53,224.40 | | 53,224.40 | |
| 63 | ION Induced modification of the nanostructured materials and tuning of surface wetting property | DST | 528,595.00 | - | | 528,595.00 | | 528,595.00 | - |
| 64 | Minimization of Storage Requirements in Renewable Rich Smart Microgrid through Coordinated Control of Resources | DST | - | 74,358.00 | - | (74,358.00) | 216,661.00 | - | 291,019.00 |
| 65 | Impact of changing aerosol loading and urbanization on surface temperature and rainfall over select cities over India | DST | 1,511,249.00 | - | | 1,511,249.00 | 2,029,465.00 | - | 518,216.00 |
| 66 | FIST Programme - SMS | DST | 2,325,430.00 | - | - | 2,325,430.00 | 1,124,312.00 | 1,201,118.00 | - |
| 67 | FIST Programme - SES | DST | 1,679,864.00 | - | - | 1,679,864.00 | 846,650.00 | 833,214.00 | - |
| 68 | Light weight, Reconfigurable Cognitive Radio Platform for M2M and IoT applications | DST - IMPRINT | 517,781.00 | - | - | 517,781.00 | - | 517,781.00 | |
| 69 | 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 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 70 | 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) | | - | 11,552.00 |
| 71 | Low temperature electro refining process for production of high purity aluminium (4N and above) | NALCO | 188,099.00 | - | | 188,099.00 | 74,532.00 | 113,567.00 | - |
| 72 | Improving damping capacity of cast Nickel aluminum Bronze (NAB) alloys | NRB, DRDO | 346,819.26 | | | 346,819.26 | | 346,819.26 | |
| 73 | Stress Corosion Cracking (SSC) evaluation of Materials for Naval application: New insights from Double Cantilever Beam (DCB) technique | NRB, DRDO | 294,077.00 | - | - | 294,077.00 | 294,077.00 | - | |
| 74 | 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 | 299,201.00 | | | 299,201.00 | | 299,201.00 | |
| 75 | Development of Metal Matrix Nano-Composites using selective Laser Melting process | DST | 3,004,227.00 | | | 3,004,227.00 | | 3,004,227.00 | |
| 76 | 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) | | - | 44,593.00 |
| 77 | Online Corrosion Monitoring in naval structures | NRB, DRDO | 74,577.00 | | | 74,577.00 | - | 74,577.00 | - |
| 78 | Development of Cost Effective process and known for production of A1-Mg alloys of enhanced mechanical properties, incorporating graphen/grapheme oxide, suitable for automobile application | NALCO | 1,503,509.00 | - | | 1,503,509.00 | - | 1,503,509.00 | - |
| 79 | Development of continuous gradient Functionally Graded Materials (FGMs) by using gravity die casting under Teachers Associateship for Research Excellence (TARE) | DST | 261,438.00 | | | 261,438.00 | 261,438.00 | - | - |
| 80 | Design and Development of Hybrid "PCM-Synthetic Jet" based Heat Sink for Electronic Cooling | DST | (2.00) | | 2.00 | - | - | - | - |
| 81 | Effect of laser shock peening on the fatigue behavior of Nitinol shape memory alloy | DST | 243,833.00 | | | 243,833.00 | 243,833.00 | - | - |
| 82 | Dynamic Analysis and Design of Dynamically Balanced Gait Controller for Lower Limb Exoskeleton | DST | 88,259.00 | | | 88,259.00 | 88,259.00 | - | |
| 83 | Smart Grid Security Control Using Nature-Inspired Decentralised Cooperative Metaheuristic Strategies | DST | 18,221.00 | | | 18,221.00 | | 18,221.00 | |
| 84 | Development of long-term high resolution Land Use Land Cover (LULC) data for Bhubaneswar peri-urban & rural areas and future projection | DST | 1,445,174.00 | | | 1,445,174.00 | 1,445,174.00 | - | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 85 | Development of stand-alone, cost effective conversion coatings for Magnesium alloys | UAY MHRD | 742,296.00 | | | 742,296.00 | 128,487.00 | 613,809.00 | |
| 86 | Evaluation and development of hyperlocal forecasting systems for smart city bhubaneswar and neighburhood regions | DST | - | 45,819.00 | | (45,819.00) | | - | 45,819.00 |
| 87 | Urban Modelling: Development of multi-sectorial simulation lab and science based decision support framework to address urban environment issues | CDAC Under Meity | - | 106,528.00 | 2,766,954.00 | 2,660,426.00 | 2,660,426.00 | - | - |
| 88 | Design and Development of tools for detection and prevention of cyber-attacks in Smart Grid Energy Management Systems (EMS) | CPRI | 1,693,923.00 | - | | 1,693,923.00 | 230,145.00 | 1,463,778.00 | - |
| 89 | Urban Flood Modelling - A Web-based Decision Tool Integrating UAV Based Information | DST | 40,241.00 | | | 40,241.00 | 40,241.00 | - | |
| 90 | Centre for H2 Solutions - Materials Energy Systems (H2 - M & ES) | DST-NFTDC | 383,117.00 | - | 660,000.00 | 1,043,117.00 | 377,552.00 | 665,565.00 | |
| 91 | Mechanical behaviour of additively manufactured hierarchical micro-architected metamaterials and composites for structural and functional applications | DST | 69,662.00 | - | 400,000.00 | 469,662.00 | 469,662.00 | - | |
| 92 | Improved surface hardness of bus body panels: A simple route by shot peening | NALCO | 644,140.00 | | | 644,140.00 | - | 644,140.00 | |
| 93 | Development of Aluminium-based Materials for Energy Storage Application-Supercapacitor | NALCO | 186,446.00 | - | | 186,446.00 | 130,000.00 | 56,446.00 | - |
| 94 | Energy Efficiency in Agricultural pumping with smart ground water management through monitoring and targeting aquifers | EESL | 575,788.02 | - | | 575,788.02 | - | 575,788.02 | - |
| 95 | 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 | - |
| 96 | Seismic Design of Pipelines | NDMA-BIS | 66,687.00 | - | | 66,687.00 | 60,723.00 | 5,964.00 | |
| 97 | High Pure Nano-Alumina for Solar Cell Anti-Reflection Coatings and Reinforcing Aluminum | NALCO | 248,950.00 | | | 248,950.00 | - | 248,950.00 | |
| 98 | Development of hybrid smart grid communication network for last mile connectivity: A D2D and PLC approach | DST | - | 69,288.00 | | (69,288.00) | - | - | 69,288.00 |
| 99 | Grid Interconnection Protocols for Largely Dispersed Minigrids/Microgrids for Electrification of Rural India (MultiGrid) | DST | - | 96,900.00 | 580,800.00 | 483,900.00 | 274,355.00 | 209,545.00 | - |
| 100 | The inter-relationship between atmospheric aerosol distribution and tropical intraseasonal oscillations over the Indian region | DST | 152,155.00 | - | 450,000.00 | 602,155.00 | 389,740.00 | 212,415.00 | - |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 101 | Cost effective ICT-Data analytics system for efficient management of water and fertilizer in precision agriculture | DST IMPRINT II | 1,455,753.00 | - | | 1,455,753.00 | 556,073.00 | 899,680.00 | - |
| 102 | Taylor column phenomena of axially translating sphere in a rotating fluid - a numerical study | DST | 300,248.00 | | | 300,248.00 | - | 300,248.00 | |
| 103 | Design and development of lightweight and crashworthy hierarchical materials and structures | DST | 165,727.00 | | 468,422.00 | 634,149.00 | 629,333.00 | 4,816.00 | |
| 104 | Design and development of metal-oxide hetero-structures for enhancement of photovoltaic energy conversion efficiency | DST | 293,689.00 | | | 293,689.00 | - | 293,689.00 | |
| 105 | Space-time domain decomposition methods for non-linear cahn-hilliard equation and their implementations in parallel computers | DST | - | 70,224.00 | | (70,224.00) | - | | 70,224.00 |
| 106 | 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 | 657,876.00 | - | | 657,876.00 | 657,876.00 | - | - |
| 107 | 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 | 114,306.00 | - | 201,051.00 | 315,357.00 | 317,957.00 | - | 2,600.00 |
| 108 | Prediction of impact dynamics of projectile and armour plate with accurate thermal modelling | DRDO | 142.00 | - | 450,000.00 | 450,142.00 | 314,806.00 | 135,336.00 | |
| 109 | Thermal Characterization of gun barrel during dynamic firing | DRDO | 32,730.00 | - | 450,000.00 | 482,730.00 | 286,840.00 | 195,890.00 | |
| 110 | Subsurface variability of the Bay of Bengal from observations and models: relationship with Indian Monsoon and Cyclogenesis | DST | 40,883.00 | - | - | 40,883.00 | 40,883.00 | - | |
| 111 | Quasi-permutation representations and Gel'fand pair? | DST-MATRICS | (107,002.00) | - | | (107,002.00) | - | - | 107,002.00 |
| 112 | Design and characterization of an Al-Ti based high entropy alloys | DST | 351,222.00 | - | | 351,222.00 | 351,719.00 | - | 497.00 |
| 113 | High Resolution satellite mapping of particulate pollution (PM205) Hotspots over Bhubaneswar | SPCB | 736,562.00 | - | | 736,562.00 | 360,777.00 | 375,785.00 | - |
| 114 | Designing of novel transition metal oxide based ferroelectric perovskites for visible light photovoltaic application | DST | 340,632.00 | - | 400,000.00 | 740,632.00 | 740,632.00 | - | - |
| 115 | A study of harmonic analogue of certain univalent and analytic functions | DST-MATRICS | 1,206.00 | - | 31,000.00 | 32,206.00 | 31,000.00 | 1,206.00 | - |
| 116 | Study of carrying capacity of dolphins/habitatpreference and carrying capacity of tourist boats in Chilika Lake | Chilika Wildlife Division, Govt. of Odisha | 550,386.00 | | | 550,386.00 | - | 550,386.00 | |
| 117 | Assimilation of Ground Radar Data with Weather Research and Forecast Model in Information Theoretic Framework | Ministry of Earth Sciences | - | 1,397.00 | 630,550.00 | 629,153.00 | 634,591.00 | - | 5,438.00 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 118 | Functional consequences of cancer testis antigen ATAD2 in pancreatic cancer | DBT | - | - | 349,846.00 | 349,846.00 | 349,846.00 | - | - |
| 119 | Saraswati 2.0 - Identifying best available technologies for decentralized wastewater treatment and resource recovery for India | DST | 4,148,096.00 | - | - | 4,148,096.00 | 3,034,693.00 | 1,113,403.00 | - |
| 120 | Add on Radar for Jamming UAVs | MoD | 22,563.00 | | | 22,563.00 | - | 22,563.00 | |
| 121 | Design and development of compact and lightweight jet pumps for aviation application with enhanced efficiency | CTTC | 223,996.88 | - | | 223,996.88 | 115,958.00 | 108,038.88 | - |
| 122 | Spectrum of random band matrices | DST Inspire | 294,642.00 | - | | 294,642.00 | 23,219.00 | 271,423.00 | - |
| 123 | Development of Formal Verification Tools for Proactive Assessment and Prevention of Security Threats in Enterprise Networks | DRDO | 302,765.00 | - | | 302,765.00 | 122,907.00 | 179,858.00 | |
| 124 | National Post-Doctoral Fellowship to Dr. Haimabati Das | DST | 55,510.00 | - | 100,000.00 | 155,510.00 | 159,500.00 | - | 3,990.00 |
| 125 | Achieving reliable communications in the Internet of things: an erasure-correction coding approach | DST | 59,660.00 | - | | 59,660.00 | - | 59,660.00 | - |
| 126 | Synthesis of Homo, Di and Tri (ABA type) Block Co-polymers of Less Activated Monomers by Reversible Deactivation Radical Polymerization | DST | 396,119.00 | - | 250,000.00 | 646,119.00 | 417,017.00 | 229,102.00 | - |
| 127 | Metal Complexes of Macrocyclic/ Acyclic Ligands as T1 and ParaCEST-based Contract Agent for MRI | DST | 813,640.00 | - | 300,000.00 | 1,113,640.00 | 676,180.00 | 437,460.00 | - |
| 128 | Multiscale (QM/MM) modelling approach to understand the bacterial resistance towards beta-lactam based antibiotics | DST | 512,941.00 | - | 75,000.00 | 587,941.00 | 414,864.00 | 173,077.00 | - |
| 129 | Photovoltaic assisted water harvestting from moisture using biometric surface | DST | (73,014.00) | - | - | (73,014.00) | 387,797.00 | | 460,811.00 |
| 130 | National Post-Doctoral Fellowship to Dr. Surjit Sahoo | DST | 216,013.00 | | | 216,013.00 | - | 216,013.00 | |
| 131 | Design Of Dynamic MAC and PHY SoC for Low Power and Long Range networks | MEITY | (190,960.00) | - | 2,138,000.00 | 1,947,040.00 | 1,905,691.00 | 41,349.00 | |
| 132 | Growth of semiconductor heterostructure nanolayers for solar cell application | SERB | - | 139,464.00 | 534,885.00 | 395,421.00 | 387,515.00 | 7,906.00 | - |
| 133 | Controlling Heat Float at Nanoscale: A Versatile Approach to Generate Sustainable Energy From Waste Heat | SERB | 102,273.00 | - | 550,000.00 | 652,273.00 | 243,367.00 | 408,906.00 | |
| 134 | Middle Pleistocene to Holocene dynamics of Antarctic Circumpolar Current and its implicatons to global climate: Evidence from Southern Pacific | SERB | 6,904.00 | - | 900,000.00 | 906,904.00 | 940,181.00 | - | 33,277.00 |
| 135 | C-H, C-O Activation and C1-Platform Chemicals: Synthetic and Mechanistic Studies on Two-metal Synergy | SERB | 399,723.00 | - | 700,000.00 | 1,099,723.00 | 1,059,236.00 | 40,487.00 | - |
| 136 | Fast Charging High Energy Density Lithium Ion Batteries with Nanoporous Silicon Anodes | SERB | 45,361.00 | - | 85,268.00 | 130,629.00 | 395,024.00 | - | 264,395.00 |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

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|---|---|---|---|---|---|---|---|---|---|
| | | | Credit | Debit | | | | Credit | Debit |
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 137 | High-speed and energy efficient CMOS transceiver design for full-duplex chip-to-chip serial link | SERB-DST | 560,685.00 | - | - | 560,685.00 | 959,135.00 | | 398,450.00 |
| 138 | Topological Phases Based on Metail-Organic Framework | SERB-DST | 5,036,835.00 | - | - | 5,036,835.00 | 2,623,787.00 | 2,413,048.00 | |
| 139 | Contact Geometry Framework for Thermodynamics, Statistical Mechanics and Dissipative Dynamics? | SERB-DST | 212,488.00 | - | - | 212,488.00 | 252,213.00 | - | 39,725.00 |
| 140 | Interaction of vortex beam with quantum emitters coupled to photonic nanowire | SERB-DST | 1,010,000.00 | - | - | 1,010,000.00 | 866,978.00 | 143,022.00 | |
| 141 | Computational alloy design and mechanical property study of complex concentrated alloys | NMRL | 208,389.00 | - | - | 208,389.00 | 208,389.00 | - | |
| 142 | "Ultrasonic assisted laser additive manufacturing of nickel based super alloys and its online tempreture 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 | 360,175.00 | - | 650,000.00 | 1,010,175.00 | 526,607.00 | 483,568.00 | |
| 143 | Employing metallurgical silicon to develop new class of silicon composites for structural applications | MoM | 2,413,047.00 | - | 620,800.00 | 3,033,847.00 | 102,651.00 | 2,931,196.00 | |
| 144 | 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 | 1,502,140.00 | | | 1,502,140.00 | - | 1,502,140.00 | |
| 145 | Development of Specialty Fiber Modal Interferometer as a Thermometer for Harsh Environment | IGCAR | 55,860.00 | - | - | 55,860.00 | 50,231.00 | 5,629.00 | |
| 146 | An enquiry into the problems in Geometric Function Theory | SERB-DST | 374,040.00 | - | - | 374,040.00 | 196,682.00 | 177,358.00 | |
| 147 | Identification, synthesis and validation of potential ATAD2 ligands as a therapeutic strategy for stomach cancer | ICMR | 291,848.00 | - | 31,945.00 | 323,793.00 | 320,339.00 | 3,454.00 | |
| 148 | Development of Internet of Things Enabled Phasor and Power Quality Monitoring Devices for Smart Power Grids | SERB-DST | 145,749.00 | - | 800,000.00 | 945,749.00 | 824,719.00 | 121,030.00 | |
| 149 | Indigenous development of controlled interferometry based high-temperature industrial flow measurement device | DST | 2,575,189.00 | - | - | 2,575,189.00 | 176,025.00 | 2,399,164.00 | |
| 150 | Bone health classification using machine learning | SERB-DST | 484,421.00 | - | - | 484,421.00 | 59,000.00 | 425,421.00 | |
| 151 | Development of PIEZOELECTRIC Ceramic-Polymer flexible composite based energy harvester for smart automobiles | CSIR | - | 233,431.00 | 175,000.00 | (58,431.00) | - | - | 58,431.00 |
| 152 | Design and Development of Deep Learning based App for Early Warning of Blindness | SERB-DST | 82,182.00 | - | 450,000.00 | 532,182.00 | 387,682.00 | 144,500.00 | |
| 153 | Development of in-reflection fiber based interferometer for residual stress measurement | DST | 1,384,461.00 | - | 302,226.00 | 1,686,687.00 | 403,881.00 | 1,282,806.00 | |
| 154 | Design and Development of a Software Defined Radar for Road Safety Applications | OMVD, Govt. of Odisha | 800,939.00 | - | - | 800,939.00 | 10,500.00 | 790,439.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 155 | Evaluation of Coal Tar Derived Hard/Soft Carbon Anodes for Power Li-ion Batteries | Tata Steel Ltd | 468,826.00 | - | - | 468,826.00 | 250,000.00 | 218,826.00 | |
| 156 | Effect of climate change on convectively coupled equatorial waves and MJO and their influence on extreme rainfall events over Indian region | MoES | - | - | 84,636.00 | 84,636.00 | 84,636.00 | - | - |
| 157 | Designing of computer vision guided intelligent traffic systems for smart cities | SERB-DST | 529,330.00 | - | 600,000.00 | 1,129,330.00 | 851,616.00 | 277,714.00 | |
| 158 | Prototype Development, Fabrication and validation of Al-Graphene Composite Battery with Cooling Plates | NALCO | 3,949,594.00 | - | 2,690,400.00 | 6,639,994.00 | 4,732,447.00 | 1,907,547.00 | |
| 159 | Design and Development of Cost-Effective Floating-Solar Energy Generation Technologies and Infrastructure for Achieving Nearly Zero-Energy Villages | DST | 3,782,456.00 | - | - | 3,782,456.00 | 2,751,982.00 | 1,030,474.00 | |
| 160 | Speech to Speech Translation for Tribal Languages using Deep Leaning Framework | MoEIT | (122,286.00) | - | 1,301,000.00 | 1,178,714.00 | 1,178,714.00 | - | . |
| 161 | Pliocene dynamics of the southern Pacific and its linkages with the low latitude climate | NCPOR | 624,465.00 | - | | 624,465.00 | 509,859.00 | 114,606.00 | |
| 162 | Indigenous Development of a novel low-cost Solar PV panel self cleaning device | DST | - | - | 38,829.00 | 38,829.00 | 38,829.00 | - | |
| 163 | Renewal Energy EMPOWERing European and InDian communities (RE-EMPOWERED) | DST | 11,226,846.00 | - | 1,215,680.00 | 12,442,526.00 | 1,125,656.00 | 11,316,870.00 | |
| 164 | Load distribution, design and joint configurations for Load Grounding through Human Worn Exo-Frames | DRDO | 995,730.00 | - | - | 995,730.00 | 762,353.00 | 233,377.00 | |
| 165 | Design, Development, and Demonstration of Solar-PV On-board and Off-Board Electric Rickshaw Charging Infrastructure | DST | - | 6,000.00 | 2,819,968.00 | 2,813,968.00 | 568,595.00 | 2,245,373.00 | - |
| 166 | Development of Synthetic Strategies to Diverse N-Heterocyclic Fused ISOXAZOLES: Evaluation of Biological Activities And Photophysical Studies | CSIR | 1,832.00 | - | 343,041.00 | 344,873.00 | 344,996.00 | - | 123.00 |
| 167 | FIST Program: Discipline of Physics, SBS, IIT Bhubaneswar | DST | 14,350,816.00 | - | - | 14,350,816.00 | 946,102.00 | 13,404,714.00 | |
| 168 | EU Erasmus DIVERSASIA project – Embracing diversity in ASIA through the adoption of inclusive open practices | Nottingham Trent University | 920,912.00 | - | 3,494,773.00 | 4,415,685.00 | 3,497,795.00 | 917,890.00 | |
| 169 | Utilization of ITR Doppler Weather Radar Products in high resolution mesoscale model for prediction of severe weather over Chandipur- Phase II | ITR | - | 101,852.00 | | (101,852.00) | - | - | 101,852.00 |
| 170 | FIST Program: SMMME, IIT Bhubaneswar | DST | 19,100,000.00 | - | - | 19,100,000.00 | - | 19,100,000.00 | |
| 171 | Band and nanostructural engineering of doped Mg2Si composite for optimized thermoelectric and mechanical properties | SERB-DST | 26,383.00 | - | 395,184.00 | 421,567.00 | 421,567.00 | - | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 172 | Development of Coordinated Protection and Control Scheme for Microgrid | DST | 493,633.00 | - | 1,455,430.00 | 1,949,063.00 | 1,406,874.00 | 542,189.00 | |
| 173 | Development of process for 4N High Pressure pure alumina (HPA) and substrate making for its validation in LED applications | JNARDDC C/o NALCO | 310,191.00 | - | 1,019,520.00 | 1,329,711.00 | 966,064.00 | 363,647.00 | |
| 174 | A thermodynamically consistent model for designing high-performance ceramic laminates with tailored residual stresses | SERB-DST | 199,490.00 | - | 395,000.00 | 594,490.00 | 393,256.00 | 201,234.00 | |
| 175 | Titanium alloy based fine featured Cranial implant development using Incremental Forming and ECM | SERB-DST | 616,566.00 | - | 750,000.00 | 1,366,566.00 | 233,709.00 | 1,132,857.00 | |
| 176 | Enhancing the formability of Mg alloys by microstructural engineering using CPFEM approach | SERB-DST | 1,972,644.00 | - | 130,000.00 | 2,102,644.00 | 2,409,197.00 | - | 306,553.00 |
| 177 | Design and synthesis of cocrystals/satls of anticancer drugs to improve physicochemical and pharmacokinetic properties: crystal engineering approach | SERB-DST | - | 1,726.00 | 335,000.00 | 333,274.00 | 85,000.00 | 248,274.00 | |
| 178 | Investigation on the role of residual stresses on shape memory effect and superelasticity in shape memory alloy welds | SERB-DST | 111,442.00 | - | 235,000.00 | 346,442.00 | 371,517.00 | - | 25,075.00 |
| 179 | Design and Development of a Screw type Wheeled Snake-like Robot to Access the inaccessible Areas inside the Boiler Tubes and other Enclosures | CPRI | 1,660,655.00 | - | - | 1,660,655.00 | 872,534.00 | 788,121.00 | |
| 180 | Hypercyclic and chaotic behavior of adjoint multiplication operators on Banach spaces of analytic functions | SERB-DST | 734,520.00 | - | - | 734,520.00 | - | 734,520.00 | |
| 181 | Creep and fatigue of selective laser melted Ti-6242 alloy | ARDB-DRDO | 2,798,459.00 | - | 31,000.00 | 2,829,459.00 | 2,131,207.00 | 698,252.00 | |
| 182 | Rational Design Flexible Energy Storage Devices Using Multiscale Simulations and Machine Learning | SERB-DST | - | 13,279.00 | - | (13,279.00) | 84,048.00 | - | 97,327.00 |
| 183 | Machine Learning Based Model for Optimization of PCM-Metal Foam Composite Energy Storage System | SERB-DST | 1,083,030.00 | - | - | 1,083,030.00 | 984,250.00 | 98,780.00 | |
| 184 | Development of cost-effective energy management strategies for a green hydrogen based electric vehicle charging station | SERB-TARE | 30,510.00 | - | 335,000.00 | 365,510.00 | 181,126.00 | 184,384.00 | |
| 185 | Stability and contact problems of inflatable structures under DST INSPIRE Faculty Fellowship | DST | 2,484,513.00 | - | - | 2,484,513.00 | 35,000.00 | 2,449,513.00 | |
| 186 | Development of computational method for finding the exact result on the queueing model involving heavy-tail distributions using complex analysis | SERB | 56,316.00 | - | 150,000.00 | 206,316.00 | 128,478.00 | 77,838.00 | |
| 187 | Design and Development of Doppler Radar System for Inbore Projectile Velocity Measurement | DRDO | 1,450,135.00 | - | 544,856.00 | 1,994,991.00 | 993,470.00 | 1,001,521.00 | |
| 188 | Geometric optimization of finite time quantum thermodynamic processes under different control protocols | SERB | 48,362.00 | - | 150,000.00 | 198,362.00 | 195,960.00 | 2,402.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1  SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 189 | DST-Storage MAP: Automation and AI/ML- Assisted development of solid state battery technology | DST | 1,976,691.00 | - | 3,023,368.00 | 5,000,059.00 | 3,963,153.00 | 1,036,906.00 | |
| 190 | Analysis and Design of elastodynamic metamaterials for vibro-acoustic control | NPOL | 740,865.00 | - | 1,065,400.00 | 1,806,265.00 | 722,909.00 | 1,083,356.00 | |
| 191 | Evaluation of Bridge approach settlement mitigation schemes through field application | NRIDA | 963,697.00 | - | 1,124,280.00 | 2,087,977.00 | 1,204,702.00 | 883,275.00 | |
| 192 | Performance evaluation of cement concrete pavements in rural roads | NRIDA | 145,316.00 | - | 724,800.00 | 870,116.00 | 288,831.00 | 581,285.00 | |
| 193 | Development of adaptive motor controller for PMSM based three-wheeler Electric Vehicle | Meity | 142,871.50 | - | 202,804.00 | 345,675.50 | 345,675.50 | - | |
| 194 | Novel Al Nano-structure based electrodes for bettery and supercapacitor devices | DST | - | 236,520.00 | 944,614.00 | 708,094.00 | 710,794.00 | - | 2,700.00 |
| 195 | Experimental and theoretical investigations into the local strucure and magnetic phases vis-a-vis transitions in multicomponent AlcuFeMn alloy using ab-initio density functional theory calculations, high energy synchrotron and neutron diffractional techniques | UGC DAE CSR | - | 4,718.00 | | (4,718.00) | - | - | 4,718.00 |
| 196 | Design and Development of Grid Interactive Adaptive Controls for Frequency Regulation from Large Scale PV Systems | CPRI | 2,277,626.50 | - | 750,000.00 | 3,027,626.50 | 1,566,555.00 | 1,461,071.50 | - |
| 197 | X-ray and Ion-scattering Methods for Material Characterization | SERB | 105,177.00 | - | | 105,177.00 | 105,177.00 | - | - |
| 198 | " Identifications of model biases for extreme events over the Indian region." | New Venture Fund | 591,188.00 | - | - | 591,188.00 | 591,188.00 | - | - |
| 199 | Development of Electric Vehicle (Evs) Sub-Systems- Part-1 Programme. | MEITY | 1,163,190.00 | - | 1,658,500.00 | 2,821,690.00 | 2,821,690.00 | - | - |
| 200 | Implementation of World Bank Assisted Programme on " Rejuvenating Watersheds for Agricultural Resilience through Innovative Development" REWARD: Odisha | DSC&WD, Govt of Odisha | 4,985.00 | - | 11,217,585.00 | 11,222,570.00 | 11,210,698.00 | 11,872.00 | - |
| 201 | Design and Implementation of AI powered Autonomous Underwater Vehicle (AUV) and IoT Enabled Underwater Acoustic Sensor Networks | IITG TIDF | 455,107.63 | - | 1,439,600.00 | 1,894,707.63 | 699,074.00 | 1,195,633.63 | - |
| 202 | Proof of concept for coordinate determination of Fall of Shot from aerial imagery | PXE-CHANDIPUR-DRDO | 381,540.00 | - | - | 381,540.00 | 10,304.00 | 371,236.00 | - |
| 203 | Development of robust voltage and frequency control scheme for a microgrid operated in grid connected mode | DST | 557,730.00 | - | - | 557,730.00 | 557,730.00 | - | - |
| 204 | National Post Doctoral Fellowship (N-PDF), to Dr.Buddhadeva Sahoo | SERB | 722,939.00 | - | 1,040,000.00 | 1,762,939.00 | 1,092,274.00 | 670,665.00 | - |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 205 | Room-tempreture Sodium-Sulfur Batteries for Stationary Storage Applications | ReNew Power Private Limited | 1,078,000.00 | - | | 1,078,000.00 | 758,507.00 | 319,493.00 | - |
| 206 | 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 | 2,370,047.00 | - | 2,475,378.00 | 4,845,425.00 | 3,041,730.00 | 1,803,695.00 | - |
| 207 | Design and Development of an Efficient Framework for Decentralized Real-Time Coordination and Collaboration for a Swarm of Autonomous Robots | SERB | 1,214,362.00 | - | - | 1,214,362.00 | 440,504.00 | 773,858.00 | - |
| 208 | Mathematical and Numerical modelling of dropwise condensation on pipes | SERB | 200,000.00 | - | - | 200,000.00 | 190,622.00 | 9,378.00 | - |
| 209 | Optimized modulation of triple active bridge converter for electric vehicle application with wide band gap semiconductor devices | SERB | 1,824,357.00 | - | | 1,824,357.00 | 1,310,214.00 | 514,143.00 | - |
| 210 | An AI-powered fully automated diagnostic software for evidence-based glaucoma detection by identifying structural biomarkers of the optic nerve head | SERB | 2,340,250.00 | - | - | 2,340,250.00 | 517,170.00 | 1,823,080.00 | - |
| 211 | Development of Simplified Model for Partial infill RC Frames | SERB | 1,352,820.00 | - | - | 1,352,820.00 | 416,831.00 | 935,989.00 | |
| 212 | Design, Development, and Demonstration of a Centralized Protection and Monitoring (CPM) System within a Distribution Substation including DER | CPRI | 13,800,000.00 | - | 175,430.00 | 13,975,430.00 | 1,611,721.00 | 12,363,709.00 | |
| 213 | Design and Development of Synthetic Jet Array for Steered and Focused Jet | SERB | 1,465,001.00 | - | 1,000,000.00 | 2,465,001.00 | 922,536.00 | 1,542,465.00 | |
| 214 | Development of supercapacitor devices for grid-level energy storage application based on natural mineral chalcopyrite and bauxite residue | Ministry of Mines | 1,270,000.00 | - | - | 1,270,000.00 | 630,718.00 | 639,282.00 | |
| 215 | Conversion of natural mineral based tetrahedrite compounds into high-performance thermoelectric devices used in the conversion of waste heat into electricity | Ministry of Mines | 1,800,000.00 | - | - | 1,800,000.00 | 205,000.00 | 1,595,000.00 | |
| 216 | Reliability-Based design of Tunnels in Anisotropic Spatially Variable Residual Soil Slopes | SERB | 448,840.00 | - | 150,000.00 | 598,840.00 | 514,363.00 | 84,477.00 | |
| 217 | Adapting Fused Deposition Modelling (FDM) technique for additive manufacturing of aluminum alloys in the semisolid state: Design and development of a novel prototype | SERB | 450,000.00 | - | - | 450,000.00 | 229,556.00 | 220,444.00 | |
| 218 | Mechanistic-Emperical Design of Jute Geotextile Reinforced Pavements for Rural Roads | NJB | 1,932,542.71 | - | - | 1,932,542.71 | 520,145.00 | 1,412,397.71 | |
| 219 | Indian Participation in the CMS Experiment at CERN: Maintenance, Operation and Upgradation.” | DST | - | - | 459,499.00 | 459,499.00 | 175,274.00 | 284,225.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1  SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 220 | Pilot scale demonstration of solar-power driven microwave pyrolysis unit for upcycling conversion of end-of-life RO membrance material into biofuels | DST | - | - | 1,241,729.00 | 1,241,729.00 | 1,254,379.00 | - | 12,650.00 |
| 221 | Mathematical Modelling of gas based MIDREX shaft reactor with experimental exploration of final stage reduction reaction of iron ore with Hydrogen | SERB | - | - | 1,914,528.00 | 1,914,528.00 | 515,342.00 | 1,399,186.00 | |
| 222 | An Intelligent Vision system for autonomous health monitoring of underwater oil pipelines | IITG TIDF | - | - | 1,180,000.00 | 1,180,000.00 | 770,325.00 | 409,675.00 | |
| 223 | Characterization of key features of eyewall structure and its environment from RADAR observations and simulations of land falling tropical cyclone | NML (DST) | - | - | 1,165,461.00 | 1,165,461.00 | 533,128.00 | 632,333.00 | |
| 224 | Characterization of various scales generated in NALCO Alumina refinery, studies on scale formation and their removal | IITI DRISHTI CPS Foundation IIT Indore | - | - | 223,899.00 | 223,899.00 | 83,899.00 | 140,000.00 | |
| 225 | Development of highly electrically & thermally conducting Al based composite material using suitable manufacturing process for mass production | ICSSR | - | - | 280,000.00 | 280,000.00 | 21,000.00 | 259,000.00 | |
| 226 | Establishment of Marquee Semiconductor Chair Professor and Centre of Excellence(CoE) in SoC at IIT BBSR | NRIDA | - | - | 765,600.00 | 765,600.00 | 391,170.00 | 374,430.00 | |
| 227 | Investigations of Spray Cooling systems in non-Boiling Regime using Experimental and Numerical Methods | SERB | - | - | 1,110,711.00 | 1,110,711.00 | 431,471.00 | 679,240.00 | |
| 228 | Performance assessment of cell filled concrete pavements in Rural Roads | University of Agder (UiA), Norway | - | - | 772,925.00 | 772,925.00 | 46,679.00 | 726,246.00 | |
| 229 | Integrity of the Iron beams at Konarka Temple | MeitY | - | - | 3,757,850.00 | 3,757,850.00 | 3,812,140.00 | | 54,290.00 |
| 230 | CHANAKYA Fellowship Program_An AI-powered Software for Angle-Closure Glaucoma Detection from Anterior Segment Optical Coherence Tomography Images | DAE | - | - | 217,200.00 | 217,200.00 | 88,116.00 | 129,084.00 | |
| 231 | Bilingual Idioms Picture Book: a self-learning tool | IKS-MOE | - | - | 51,995.00 | 51,995.00 | 51,995.00 | - | |
| 232 | Performance Evaluation of the roads constructed using TerraZyme in the State of Odisha under PMGSY | NRSC, ISRO | - | - | 930,000.00 | 930,000.00 | 593,103.00 | 336,897.00 | |
| 233 | Thermo-hydro-mechanical controls and induced seismicity during hydraulic fracturing and unconventional energy exploration | SERB | - | - | 2,20,000.00 | 2,20,000.00 | 20,000.00 | 2,00,000.00 | - |
| 234 | Elevating the Quality of Education in ICT towards 2030 through Multilateral Collaborations (EQEI) | SERB | - | - | 20,30,000.00 | 20,30,000.00 | 2,05,643.00 | 18,24,357.00 | - |
| 235 | Energy Efficient Mesh Architecture Based Indigenous Neuromorphic Processor for Extreme Edge IoT Applications | SERB | - | - | 24,92,600.00 | 24,92,600.00 | 1,52,350.00 | 23,40,250.00 | - |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 236 | Exploring component wise linearity in Powers of cover ideals for Hypergraphs | SERB | - | - | 13,73,620.00 | 13,73,620.00 | 20,800.00 | 13,52,820.00 | |
| 237 | Forging the Past: Investigating the Manufacturing of Iron Beams Used in Konarka Sun Temple and Analyzing Their Socio-Economic Impact on the Local Community | CPRI | - | - | 1,43,00,000.00 | 1,43,00,000.00 | 5,00,000.00 | 1,38,00,000.00 | |
| 238 | Coastal Carbon Dynamics (CCD) in the Bay of Bengal off Mahanadi River | SERB | - | - | 15,00,000.00 | 15,00,000.00 | 34,999.00 | 14,65,001.00 | |
| 239 | Effect of Texture and grain size on Mechanical and Corrosion Properties of MG alloys | HRDG-CSIR | - | - | 350,000.00 | 350,000.00 | 49,943.00 | 300,057.00 | |
| 240 | A hybrid deep learning approach for automated electromechanical impedance-based concrete early-age monitoring and damage evaluation through a multi-sensing technique | SERB | - | - | 2,435,000.00 | 2,435,000.00 | 335,165.00 | 2,099,835.00 | |
| 241 | Heavy metal ion detector system for water quality monitoring | SERB | - | - | 2,032,000.00 | 2,032,000.00 | 162,418.00 | 1,869,582.00 | |
| 242 | Prediction of task-fMRI activation maps from resting state-fMRI and structural MRI to enhance clinical applicability of fMRI | SERB | - | - | 1,608,000.00 | 1,608,000.00 | 186,128.00 | 1,421,872.00 | |
| 243 | INSPIRE Faculty Fellow's Research Grant | DST | - | - | 80,518.00 | 80,518.00 | 80,518.00 | - | |
| 244 | Detection of biomarkers of cancers using irradiation engineered 2D hybrid nanomaterials | DBT | - | - | 99,479.00 | 99,479.00 | 69,579.00 | 29,900.00 | |
| 245 | Moisture and moist static energy budgets of the Indian summber monsoon intraseasonal oscilations and performance of a global climate model | SERB | - | - | 1,800,000.00 | 1,800,000.00 | 64,752.00 | 1,735,248.00 | |
| 246 | Scalable Strategies Towards Tough & Functional Hydrogels through Controlling of the Chain Conformation and Entanglement followed by Sequential Networking for Soft Electronics Applications | SERB | - | - | 1,537,008.00 | 1,537,008.00 | 392,469.00 | 1,144,539.00 | |
| 247 | Low cost, lightweight, USB controlled RF synthesizer using broadband band-pass filters with tunable passband | SERB | - | - | 847,510.00 | 847,510.00 | 88,510.00 | 759,000.00 | |
| 248 | Design and Proformance Investigation of Low Power III-V negative Capacitance Fet for sending applications | CSIR-HRDG | - | - | 1,099,000.00 | 1,099,000.00 | 22,569.00 | 1,076,431.00 | |
| 249 | Machine Learning Augmented Compact Modeling of a Cryogenic Nanosheet FET for implementing an Analog Front-end Readout Circuitry | SERB | - | - | 581,800.00 | 581,800.00 | 46,917.00 | 534,883.00 | |
| 250 | Automated prediction of hearing loss and loudness growth curve using EEG signals | SERB | - | - | 1,549,000.00 | 1,549,000.00 | 90,700.00 | 1,458,300.00 | |
| 251 | Communication-Efficient Gradient Aggregation for Hierarchical Networks | SERB | - | - | 1,839,200.00 | 1,839,200.00 | 87,529.00 | 1,751,671.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 252 | Development of Novel Catalytic Approaches for the Synthesis of Functionalized Polycarbo-/heterocycles Involving SO2/SOX Fixation for Application in Complex Bioactive Natural Products/Pharmaceutically-Active Molecules/ Agrochemicals Synthesis. | SERB | - | - | 1,774,500.00 | 1,774,500.00 | 320,266.00 | 1,454,234.00 | |
| 253 | Breaking the Memory Wall of High-Performance Computing: Design and Analysis of 3D-Stacked Caches. | SERB | - | - | 2,382,000.00 | 2,382,000.00 | 143,610.00 | 2,238,390.00 | |
| 254 | Exploring the Ordinary and Symbolic Powers of Squarefree Monomial Ideals. | SERB | - | - | 771,000.00 | 771,000.00 | 62,575.00 | 708,425.00 | |
| 255 | Interaction of Nanodroplets with Bio-Membranes: Wrapping and Membrane-Mediated Interaction | SERB | - | - | 220,000.00 | 220,000.00 | 20,000.00 | 200,000.00 | |
| 256 | VISHLESHNAM: A Video Analytics Solution for Crowd Behaviour Analysis Using Multiple Sensors | IRDE-DRDO | - | - | 2,600,000.00 | 2,600,000.00 | 530,086.00 | 2,069,914.00 | |
| 257 | Design and Development of High Flux Tubes with Lower Onset Wall Superheat in Application to Flooded Evaporator | SERB | - | - | 1,592,000.00 | 1,592,000.00 | 97,090.00 | 1,494,910.00 | |
| 258 | Distribution of hypogeometric functions over finite fields | SERB | - | - | 820,000.00 | 820,000.00 | 61,819.00 | 758,181.00 | |
| 259 | Development of Robust and Eco-Friendly Digital Concrete Mixes Incorporating Recycled Fine and Lightweight Coarse Aggregates | Hindustan Steelworks Construction Limited | - | - | 4,701,120.00 | 4,701,120.00 | 1,381,120.00 | 3,320,000.00 | |
| 260 | Innovative Biosensor Platform Utilizing Hybrid Fiber Interferometry for Enhanced Performance | SERB | - | - | 1,087,470.00 | 1,087,470.00 | 93,600.00 | 993,870.00 | |
| 261 | Rectangular Singular Control Systems in Descriptive Form: Structural Analysis and Design | SERB | - | - | 220,000.00 | 220,000.00 | 20,000.00 | 200,000.00 | |
| 262 | Evaluation of Seismic Performance of Self Centering Hybrid PT Shear Wall with external EDR | SERB | - | - | 3,467,800.00 | 3,467,800.00 | 171,126.00 | 3,296,674.00 | |
| 263 | Study on the processing of recycled plastics assessing the toxicological effects of the reused plastics and additives for property reinforcement | RAREAN FLUID-TECH PRIVATE LIMITED | - | - | 713,900.00 | 713,900.00 | 163,900.00 | 550,000.00 | |
| 264 | Evaluation impact assessment study of the state sector scheme: state support to MGNREGS | PR & DW Dept, Odisha | - | - | 998,280.00 | 998,280.00 | 293,280.00 | 705,000.00 | |
| 265 | Development of mixed layer model for air-sea gas exchange and biogeochemical elements in the North Indian Ocean | (NRSC), ISRO, Hyderabad | - | - | 1,171,520.00 | 1,171,520.00 | 125,000.00 | 1,046,520.00 | |
| 266 | Development of Beam pointing system for directed energy systems | CHESS-DRDO | - | - | 5,000,000.00 | 5,000,000.00 | 1,000,000.00 | 4,000,000.00 | |
| 267 | Development of Master controller for optimal power management of Hybrid power system | CHESS-DRDO | - | - | 1,000,000.00 | 1,000,000.00 | 250,000.00 | 750,000.00 | |
| 268 | Smart City 2.0 empowering IndianIndustry with smart solutions | Meity | - | - | 1,000,000.00 | 1,000,000.00 | 1,000,000.00 | - | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 1 SPONSORED PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 269 | Design and development of a low-cost easy to install, sustainable river bank protection system | SERB | - | - | 2,002,900.00 | 2,002,900.00 | 103,324.00 | 1,899,576.00 | |
| 270 | Design, Development, and Physics of Passive Two Phase Immersion Cooling Module for Thermal Management of PTFE Coated Li-Ion Battery Pack | SERB | - | - | 1,600,000.00 | 1,600,000.00 | - | 1,600,000.00 | |
| | Coolant droplets impact analysis on textured cutting tools to improve the spreadability and lubricant retention | SERB | - | - | 1,900,000.00 | 1,900,000.00 | - | 1,900,000.00 | |
| | To develop the surface protection technology for protecting the metallic material under marine environment | IITG TIDF | - | - | 1,200,000.00 | 1,200,000.00 | - | 1,200,000.00 | |
| | Development of high-capacity flexible solid-state metal-ion hybrid capacitors by an in-situ spectroscopic study of MXene@bimetallic MOF composites | NPDF, SERB | - | - | 708,532.00 | 708,532.00 | 50,000.00 | 658,532.00 | |
| | National Postdoctoral Fellowship of Dr. Alugula Boyaj | SERB | - | - | 708,332.00 | 708,332.00 | 100,000.00 | 608,332.00 | |
| | Experimental and kinetic investigations of combustion and emission trends in ammonia hydrogen derived fuels in a swirl burner configuration | SERB | - | - | 2,832,000.00 | 2,832,000.00 | 127,000.00 | 2,705,000.00 | |
| | **Total** | : | **183,079,065.08** | **2,807,409.00** | **150,986,282.00** | **331,257,938.08** | **137,733,829.68** | **197,873,933.40** | **4,349,825.00** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT

(Amount in ₹)

| 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) | - | | 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 Hindalco 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 | 225,704.00 | | - | 225,704.00 | - | 225,704.00 | |
| 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 | Design of experimental road using fly ash | 27,000.00 | | - | 27,000.00 | - | 27,000.00 | |
| 17 | Technical and function test of Gagan enabled GPS PDAs | 1,666.00 | | - | 1,666.00 | - | 1,666.00 | |
| 18 | Development of structural grade concretes utilizing Iron slag as sand replacements (Tata Steel, Jaipur, Odisah) | 294.00 | | - | 294.00 | - | 294.00 | |
| 19 | 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 | |
| 20 | Accretion control to increase the sponge iron production to the target annual capacity of 390000Mt. | 135,033.00 | | - | 135,033.00 | - | 135,033.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 | Dyke height raising of fly ash pond | 58,588.00 | | - | 58,588.00 | - | 58,588.00 | |
| 22 | Proof checking of structural items of Rambili Project | 30.00 | | - | 30.00 | - | 30.00 | |
| 23 | Mix Design of cement treated base/ sub-base for PMGSY road in Odisha | 218,757.00 | | - | 218,757.00 | - | 218,757.00 | |
| 24 | Technical Support for application of cold mix Bitumen in Rural Roads | 315,034.00 | | - | 315,034.00 | - | 315,034.00 | |
| 25 | Evaluation of Terrazyme (A bioenzyme) stabilized roads constructed under PMGSY | 530,771.00 | | - | 530,771.00 | - | 530,771.00 | |
| 26 | Geotechnical investigations on soil/rock samples | 140,000.00 | | - | 140,000.00 | - | 140,000.00 | |
| 27 | 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 | |
| 28 | Distributed SDN controller with end to end security | 439,683.00 | | - | 439,683.00 | - | 439,683.00 | |
| 29 | 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 | |
| 30 | Process control and optimization at Jindal Stainless Ltd, Jajpur,Odisha | 688,938.00 | | - | 688,938.00 | - | 688,938.00 | |
| 31 | 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 | |
| 32 | Third party audit on fly ash generation and utilization of TTPs in Odisha for the year 2016-17 | 26,500.00 | | - | 26,500.00 | - | 26,500.00 | |
| 33 | 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 | |
| 34 | 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 | 661,390.00 | | - | 661,390.00 | - | 661,390.00 | |
| 35 | Implementation of Advanced Machine Learning Algorithms for Cluster Expansion | 304,200.00 | | - | 304,200.00 | - | 304,200.00 | |
| 36 | Process related improvements at PPL | 878,803.92 | | - | 878,803.92 | 296,535.00 | 582,268.92 | |
| 37 | Safety Analysis of Steel Pipeline Crossing Railroad between Surat and Vadodara | 35,000.00 | | - | 35,000.00 | - | 35,000.00 | |
| 38 | Construction of new road at the missing link portion of NH81 along the approved alighment 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 | | |
| 39 | Development of FEM model for Design Improvement of multi layered Baffle | 1,231,186.00 | | - | 1,231,186.00 | - | 1,231,186.00 | |
| 40 | Residual stress measurement by Deep-hole drilling technique | 1,388,797.00 | | - | 1,388,797.00 | 40,000.00 | 1,348,797.00 | |
| 41 | Engineering operation philosophy for long term mud management | 168,350.00 | | - | 168,350.00 | - | 168,350.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 42 | 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 | |
| 43 | Testing suitability of dredged sand for use in Road embankment & subgrade | 20,250.00 | | - | 20,250.00 | - | 20,250.00 | |
| 44 | Product quality improvement program at Deem Roll Tech. Ltd | 40,000.00 | | - | 40,000.00 | - | 40,000.00 | |
| 45 | Design and development of Flow measurement Solution | 182,203.00 | | - | 182,203.00 | - | 182,203.00 | |
| 46 | Coriolis flowmeter study | 110,170.00 | | - | 110,170.00 | - | 110,170.00 | |
| 47 | Stability study in tailings dams and scrutiny of dry stacking procedure of red mud | 992,076.00 | | - | 992,076.00 | - | 992,076.00 | |
| 48 | Verification of basic and detailed engineering design of RWSS mega water project of Rairakhol | 237,938.00 | | - | 237,938.00 | - | 237,938.00 | |
| 49 | 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 | 131,872.00 | | - | 131,872.00 | - | 131,872.00 | |
| 50 | Design verification of Boudh WSP | 90,000.00 | | - | 90,000.00 | - | 90,000.00 | |
| 51 | Structural vetting of bridges and retaining walls of 2x25MW Maithan Right Bank Thermal Power Project for M/s L&T Ltd | 143,750.00 | | - | 143,750.00 | - | 143,750.00 | |
| 52 | 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 | |
| 53 | Verification of Hydraulic & structural design and drawings of RWSS Mega Water Project of Puri District | 92,500.00 | | - | 92,500.00 | - | 92,500.00 | |
| 54 | Checking of the stability of foundation and superstructure of pipe conveyor for MCL | 33,750.00 | | - | 33,750.00 | - | 33,750.00 | |
| 55 | "Design of Cell filled concrete pavements for rural roads carrying heavy traffic | 219,185.00 | | - | 219,185.00 | - | 219,185.00 | |
| 56 | 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 | |
| 57 | Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha | 5,654,043.00 | | 403,970.64 | 6,058,013.64 | 2,481,539.64 | 3,576,474.00 | |
| 58 | Proof checking of the design and drawing of ROBs for KMC-RKD | 9,188.00 | | - | 9,188.00 | - | 9,188.00 | |
| 59 | Technological interventions to reduce humananimal conflict | 2,458,725.00 | | - | 2,458,725.00 | 596,489.00 | 1,862,236.00 | |
| 60 | Structural vetting of residential towers as per the BDA, Odisha | 42,373.00 | | - | 42,373.00 | - | 42,373.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 61 | Design and development of gaseous Oxygen heat exchanger for semi-cryogenic stage | 195,567.00 | | - | 195,567.00 | - | 195,567.00 | |
| 62 | Soil core lab testing | 18,225.00 | | - | 18,225.00 | - | 18,225.00 | |
| 63 | Preparation of catchment area treatment plan for the Dubuna Sakradihi iron and manganese ore mines of OMC Ltd. | 28,125.00 | | - | 28,125.00 | - | 28,125.00 | |
| 64 | Proof checking of detailed design and drawing for construction of New Greenfield Airport at Rajkot, Gujarat | 2,260,000.00 | | - | 2,260,000.00 | 2,213,500.00 | 46,500.00 | |
| 65 | 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 | |
| 66 | Carrying out concrete mix designs for new greenfield airport at Hirasaar, Rajkot (Gujarat) | 15,300.00 | | - | 15,300.00 | - | 15,300.00 | |
| 67 | 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 | |
| 68 | Proof checking of design and drawing of substructure and foundation of 5 major bridge at Brajrajnagar, Jharsuguda | 30,250.00 | | - | 30,250.00 | - | 30,250.00 | |
| 69 | Evaluation of PPC, PSC and Composite cements of Dalmia Cements | 34,730.00 | | - | 34,730.00 | - | 34,730.00 | |
| 70 | Study the cause of defect on the wing walls of Br. 5 over Angul-Balaram Section of MCRL corridor and suggestion on remedial measures for the structure | 5,250.00 | | - | 5,250.00 | - | 5,250.00 | |
| 71 | 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 | |
| 72 | Product development and technical support for cold mix Asphalt Application in Eastern India | | 73,000.00 | 1,173,568.00 | 1,100,568.00 | 751,618.00 | 348,950.00 | |
| 73 | Development of static model for Tata steel BOF | 1,769,466.00 | | - | 1,769,466.00 | 1,769,466.00 | | |
| 74 | Design and formulation of coating using molecular modelling and simulation | 781,572.00 | | - | 781,572.00 | 186,585.00 | 594,987.00 | |
| 75 | 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 | |
| 76 | Suggesting measures for road failure at a hill section of NH-57 | 22,523.00 | | - | 22,523.00 | - | 22,523.00 | |
| 77 | 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 | |
| 78 | Stability test of ash dikes | 41,250.00 | | - | 41,250.00 | - | 41,250.00 | |
| 79 | Testing of spray concrete panels with PP fibers | 22,815.00 | | - | 22,815.00 | - | 22,815.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 80 | Carrying out vetting of projects developed by Utkal Developers Bhubaneswar for Patrapada | 17,640.00 | | - | 17,640.00 | - | 17,640.00 | |
| 81 | 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 | |
| 82 | Proof check of Major Bridge No. 8b of PEQCTPL siding at Paradeep | 15,469.00 | | - | 15,469.00 | - | 15,469.00 | |
| 83 | 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 | |
| 84 | Design of CGBM using Provence 907, a ready mix grout | 148,000.00 | | - | 148,000.00 | 145,000.00 | 3,000.00 | |
| 85 | Dike & Stability study of red mud storage pond-A | 648,000.00 | | - | 648,000.00 | - | 648,000.00 | |
| 86 | Environmental Audit of secured landfill in smelter plant NALCO at Angul | 31,446.00 | | - | 31,446.00 | - | 31,446.00 | |
| 87 | 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 | |
| 88 | Measurement of factor of safety for tailings dams of RMP & ash pond at Vedanta Limited | 416,000.00 | | - | 416,000.00 | - | 416,000.00 | |
| 89 | Vetting of GTI rock fall protection netting specifications "D-WR" | 88,000.00 | | - | 88,000.00 | - | 88,000.00 | |
| 90 | Environmental Audit of CHWTSDF | 32,175.00 | | - | 32,175.00 | - | 32,175.00 | |
| 91 | Soil core lab testing | 8,991.00 | | - | 8,991.00 | - | 8,991.00 | |
| 92 | Vetting of new South-west red mud pond and PWL (Process Water Lake) designs | 224,554.00 | | - | 224,554.00 | - | 224,554.00 | |
| 93 | Audit on geotechnical investigation, calculations of pile capacity, piling practices, pile test procedures, and suggesting measures for improvement in pile drilling process | 129,000.00 | | - | 129,000.00 | - | 129,000.00 | |
| 94 | Analog Design for Serial Communication | | | 586,731.00 | 586,731.00 | 586,731.00 | | |
| 95 | Vetting of Electrical and E&M Designs and Drawings of Puri-Ganjam Project | 17,783.48 | | 309,750.00 | 327,533.48 | 99,750.00 | 227,783.48 | |
| 96 | No increase in pollution load certificate for constructing 2nd red mud pond | 110,000.00 | | - | 110,000.00 | - | 110,000.00 | |
| 97 | Environmental Audit of secured landfill facility at Paradip Refinery, Paradip, Odisha | 176,285.00 | | - | 176,285.00 | - | 176,285.00 | |
| 98 | Technical vetting of CAPEX Plan of TPCODL | 13,500.00 | | - | 13,500.00 | - | 13,500.00 | |
| 99 | Water management at MGM Minerals Limited, Dhenkanal | 406,779.50 | | - | 406,779.50 | - | 406,779.50 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 100 | Carrying out vetting of projects developed by Utkal Developers for Patrapada2, Bhubaneswar | 203,390.00 | | - | 203,390.00 | 198,305.00 | 5,085.00 | |
| 101 | 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 | 16,875.00 | | - | 16,875.00 | - | 16,875.00 | |
| 102 | Composite roll feasibility study of M/s Deem Rool Technology Pvt Ltd | 33,000.00 | | - | 33,000.00 | - | 33,000.00 | |
| 103 | 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 | |
| 104 | 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 | 150,000.00 | | - | 150,000.00 | - | 150,000.00 | |
| 105 | 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 | |
| 106 | Proof check for design and detailed engineering and execution of piping, civil & structural jobs related to NG firing facility in GTs at PDR | 111,229.00 | | - | 111,229.00 | 40,043.00 | 71,186.00 | |
| 107 | Monitoring and remedial measures for controlling settlement on the embankment for Kolkata Metro | 12,000.00 | | - | 12,000.00 | - | 12,000.00 | |
| 108 | Study of failure of beams of Track Hopper & proposal for rectification. | 355,932.00 | | 175,000.00 | 530,932.00 | 468,642.00 | 62,290.00 | |
| 109 | Concrete Mix Design for the construction of 3km long three lane flyover near joda | 150,000.00 | | - | 150,000.00 | 150,000.00 | | |
| 110 | Vetting of Electrical and E&I Designs and Drawings for Rairakhol block of Sambalpur district of Odisha Project | 177,301.00 | | - | 177,301.00 | 170,301.00 | 7,000.00 | |
| 111 | Vetting of Electrical and E&I Designs and Drawings for Bramhagiri & Krushnaprasad block of Puri district of Odisha Project | 176,001.00 | | - | 176,001.00 | 169,001.00 | 7,000.00 | |
| 112 | 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 | 457,627.00 | | - | 457,627.00 | - | 457,627.00 | |
| 113 | Establishment of Chair Position at IIT Bhubaneswar by OPTCL | | - | 25,000.00 | - | 25,000.00 | | |
| 114 | Mix designs for Cuttack Water Supply Project | | - | 56,250.00 | - | 56,250.00 | | |
| 115 | Vetting of Geotechnical Investigation Report Conducted at Kenjaru Village in Mangaluru, Karnataka | | - | 80,000.00 | - | 80,000.00 | | |
| 116 | Soil Sample Analysis (Landfill PH-III-B) | | - | 553,846.00 | 539,446.00 | 14,400.00 | | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 | 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) | | - | 45,500.00 | - | 45,500.00 | | |
| 118 | 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 | | - | 115,000.00 | - | 115,000.00 | | |
| 119 | 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 | | - | 28,500.00 | - | 28,500.00 | | |
| 120 | Manufacturing of Building Blocks | | - | 52,000.00 | - | 52,000.00 | | |
| 121 | Proof check of bridge no. 4 (ROB) and 5 (Over creek) for IPRCL Bhubaneswar | | - | 6,500.00 | - | 6,500.00 | | |
| 122 | Proof checking of flexible pavement design of Duburi-Chandikhol Section of NH-53 | | - | 675.00 | - | 675.00 | | |
| 123 | Vetting of the technical report on slope stabilization at slope protection at Noney, Manipur | | - | 46,690.00 | - | 46,690.00 | | |
| 124 | Vetting of Traffic Assessment Study for Environmental Clearance of Residential Project of Utkal Realtor Pvt Ltd located at Pahal | | - | 169,491.00 | 169,491.00 | | | |
| 125 | Vetting of Traffic Assessment Study for Environmental Clearance of Residential Project of Utkal Builders Limited located at Patia | | - | 1,300.00 | - | 1,300.00 | | |
| 126 | Water Quality Analysis and Interpretation to check its suitability for construction purpose | | - | 1,300.00 | - | 1,300.00 | | |
| 127 | SS310 Testing by IIT BBSR for SAP HRS TOWER and TFR PIPING | 46,690.00 | | - | 1,50,000.00 | - | 1,50,000.00 | |
| 128 | Proof checking of Design and Drawings for a Two Lane bridge at Km 432/25-27 over Rly track between Mancheswar-Vanivihar | 169,491.00 | | - | 2,80,000.00 | 1,02,699.00 | 1,77,301.00 | |
| 129 | Vetting of Traffic Assessment Report for M/s Shuvam Construction (P) Ltd., building project at Ghatikia for Environmental Clearance | 1,300.00 | | - | 2,80,000.00 | 1,03,999.00 | 1,76,001.00 | |
| 130 | Vetting of Traffic Assessment Report for M/s Tirumala Infrastructure and Development (P) Ltd., residential building project at Subudhipur and Shankarpur, for Environmental Clearance | 1,300.00 | | - | 4,57,627.00 | - | 4,57,627.00 | |
| 131 | Design vetting of the technical report for the proposed gabion wall reinforced by the anchor | 140,000.00 | | - | 140,000.00 | - | 140,000.00 | |
| 132 | Accretion control in kins to enhance campaign life from 60 days to 90 days | 559,355.00 | | - | 559,355.00 | - | 559,355.00 | |
| 133 | Engineering operations philosophy for long term mud management of pond B | 280,800.00 | | - | 280,800.00 | - | 280,800.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 134 | 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) | 1,080,000.00 | | - | 1,080,000.00 | 1,053,000.00 | 27,000.00 | |
| 135 | Technical Support to PMGSY Projects through Laboratory Testing | 255,562.00 | | 413,000.00 | 668,562.00 | 153,735.00 | 514,827.00 | |
| 136 | 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 | 100,000.00 | | - | 100,000.00 | - | 100,000.00 | |
| 137 | Vetting of Traffic Assessment Report for Grand Riviera residential building project for Environmental clearance | 1,300.00 | | - | 1,300.00 | - | 1,300.00 | |
| 138 | Determination and Analysis of Residual Stress in Aero Engine Compressor Rotor | 458,399.00 | | 1,099,843.00 | 1,558,242.00 | 960,776.00 | 597,466.00 | |
| 139 | Mix Design for redevelopment and expansion of SCB Medical College, Cuttack under Phase-I | 75,000.00 | | - | 75,000.00 | - | 75,000.00 | |
| 140 | Proof Checking of Design and Drawing of one ROB and two Non-RDSO standard Minor Bridges for Railway siding at GUA Railway Station, Jharkhand | 25,952.00 | | - | 25,952.00 | - | 25,952.00 | |
| 141 | Geotechnical strength of the earthen embankment and Soil Thickness measurement" for Ash Dyke area of Vedanta Limited at Jharsuguda | 110,000.00 | | - | 110,000.00 | - | 110,000.00 | |
| 142 | Proof Checking of Design and Drawing of Substructure and Foundation for ROB on NH143 at Champajharan | 4,500.00 | | - | 4,500.00 | - | 4,500.00 | |
| 143 | Dyke & stack stability study of Part-A and red mud storage plan for plan-B | 544,000.00 | | - | 544,000.00 | - | 544,000.00 | |
| 144 | Review of design drawings for construction of ground improvement project at red mud stack at Vedanta lanjigarh, Odisha | 180,000.00 | | - | 180,000.00 | - | 180,000.00 | |
| 145 | Hydrological studies under basement area at TaTa Ariana Bhubaneswar | 213,333.00 | | 209,778.00 | 423,111.00 | 378,665.86 | 44,445.14 | |
| 146 | Mix Design for structural grade concretes for MGM Plant | 88,000.00 | | - | 88,000.00 | 87,000.00 | 1,000.00 | |
| 147 | Mix design for Construction of Infrastructure Augmentaion under GE Chilka | 144,000.00 | | - | 144,000.00 | 144,000.00 | | |
| 148 | Conducting detailed design consultancy service for ground improvementt with PVD (prefabricated vertical drains) at high bank locations | 400,000.00 | | - | 400,000.00 | - | 400,000.00 | |
| 149 | Consultancy services for Structural Peer Review at Ariana Project | 100,000.00 | | - | 100,000.00 | - | 100,000.00 | |
| 150 | Soil Core Sample Testing | 95,904.00 | | 108,000.00 | 203,904.00 | 108,000.00 | 95,904.00 | |
| 151 | Vetting of the technical report on slope stabilzation at P4-P5 Noney, Manipur | 70,000.00 | | - | 70,000.00 | - | 70,000.00 | |
| 152 | Proof checking of Road Mix Design for Hirasar Inteernational Airport, Rajkot | 6,500.00 | | - | 6,500.00 | - | 6,500.00 | |
| 153 | Mix designs for Koraput district | 172,098.00 | | - | 172,098.00 | 167,623.00 | 4,475.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| Sn. | Name of the Project | Opening Balance Credit | Opening Balance Debit | Receipts/ Recoveries during the year | Total | Expenditure during the Year | Closing Balance Credit | Closing Balance Debit |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 154 | Vetting of Traffic Assessment Report for Shree Ram Construction housing and commercial building project for Environmental Clearance | 1,300.00 | | - | 1,300.00 | - | 1,300.00 | |
| 155 | Submission of the analysis of the project specific tariff of Lower Baitarani SHEP | 32,345.00 | | - | 32,345.00 | - | 32,345.00 | |
| 156 | Design Review for Multi variable Industrial Sensor | 175,000.00 | | 258,125.00 | 433,125.00 | 107,544.00 | 325,581.00 | |
| 157 | Scrutiny of Structural design and drawings for Portal at Adityapur and Tata Nagar Railway Station | 11,250.00 | | - | 11,250.00 | - | 11,250.00 | |
| 158 | Stabilization of Steel Slag usingg Novocrete | 250,000.00 | | 398,250.00 | 648,250.00 | 641,500.00 | 6,750.00 | |
| 159 | Proof checking of 3 different height retaining walls at CRWC-Mancheswar | 6,000.00 | | - | 6,000.00 | - | 6,000.00 | |
| 160 | Third Party Construction Quality Testing of Jamujhadi-Basudevpur Dhamar Road | 6,000.00 | | - | 6,000.00 | - | 6,000.00 | |
| 161 | Investigation of RE wall Failure at km. 349+580 LHS Singhara-Binjhabahal section of NH-6 | 10,000.00 | | - | 10,000.00 | - | 10,000.00 | |
| 162 | Proof checking of Hanger door for AAI, BBSR | 2,000.00 | | - | 2,000.00 | - | 2,000.00 | |
| 163 | Testing of FlyAsh as per IRC SP 58-2001 to use as an Embankment Fill Material | 2,200.00 | | - | 2,200.00 | - | 2,200.00 | |
| 164 | Vetting of desing of embankment for rail track in Ananta CHP Talcher | 2,000.00 | | - | 2,000.00 | - | 2,000.00 | |
| 165 | Assesment of soil strength using MASW test at Cuttack | 5,085.00 | | - | 5,085.00 | - | 5,085.00 | |
| 166 | Rut Test for BC Grade Mixture | 74,074.00 | | - | 74,074.00 | - | 74,074.00 | |
| 167 | Vetting of Retaining Wall Design, Drawing and Methodology for Repairing of RE wall at km. 349+580 LHS Singhara-Binjhabahal section of NH-6 | 4,000.00 | | - | 4,000.00 | - | 4,000.00 | |
| 168 | Proof checking of FOB at Ranchi Coast Railway | 80,000.00 | | - | 80,000.00 | 62,000.00 | 18,000.00 | |
| 169 | Vetting the desing and drawing report of gabion wall as a part of WMumbai Coastal Road Project (South) package II | 70,000.00 | | - | 70,000.00 | - | 70,000.00 | |
| 170 | Vetting of structural stability of railway bridges | 199,152.00 | | - | 199,152.00 | - | 199,152.00 | |
| 171 | Surface run-off management study for kurmitar iron ore mines of OMC | 750,000.00 | | 1,106,250.00 | 1,856,250.00 | 1,818,750.00 | 37,500.00 | |
| 172 | The microstructural characterization of advanced high strength steel and suggestions to improve the properties | 193,333.00 | | 307,980.00 | 501,313.00 | 449,113.00 | 52,200.00 | |
| 173 | Vetting of Electrical and E&M Designs and Drawings of Nawarngpur Project | 500,000.00 | | - | 500,000.00 | - | 500,000.00 | |
| 174 | Proof checking of ROB of NH-16, Bhadrak-Balasore road project for SE Railway | 169,491.00 | | - | 169,491.00 | 165,254.00 | 4,237.00 | |
| 175 | TPQA Services for Five Tribal Schools of Odisha | 439,914.00 | | - | 439,914.00 | - | 439,914.00 | |
| 176 | Carrying out the vetting of warehouse of Coca Cola Beverages Pvt Ltd Khorda | 160,000.00 | | - | 160,000.00 | 160,000.00 | | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| Sn. | Name of the Project | Opening Balance Credit | Opening Balance Debit | Receipts/ Recoveries during the year | Total | Expenditure during the Year | Closing Balance Credit | Closing Balance Debit |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 177 | 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 | 1,100,000.00 | | - | 1,100,000.00 | - | 1,100,000.00 | |
| 178 | Technical report on new SW RMF: Pollution load to the first level aquifer and site location of the new RMF unit | 336,765.00 | | - | 336,765.00 | - | 336,765.00 | |
| 179 | Repair/Re-erection Decision of 50m SS Tower at AIR, Puri | 300,000.00 | | - | 300,000.00 | - | 300,000.00 | |
| 180 | Proof checking of 2 Nos. of Bridges at MCL Sardega | 270,000.00 | | - | 270,000.00 | 256,500.00 | 13,500.00 | |
| 181 | Design of PQC for MES Chandipur | 80,000.00 | | - | 80,000.00 | 80,000.00 | | |
| 182 | Design verifications of security wall | 80,000.00 | | - | 80,000.00 | 80,000.00 | | |
| 183 | Geotechnical investigation and Foundation Design System at DRI, SMS 1&2 and CPP Project site | 85,000.00 | | - | 85,000.00 | - | 85,000.00 | |
| 184 | Proof checking of a single storey building | 70,000.00 | | - | 70,000.00 | - | 70,000.00 | |
| 185 | Vetting of Electrical and E&M Designs and Drawings of Nayagarh Project | 300,000.00 | | - | 300,000.00 | - | 300,000.00 | |
| 186 | Design of internal road witthin RMP for mud transport | 360,485.00 | | - | 360,485.00 | - | 360,485.00 | |
| 187 | Construction of Plant roads, drains, culverts and truck parking | 151,292.00 | | - | 151,292.00 | - | 151,292.00 | |
| 188 | Mix design for construction of deparmtnetal building for Postal department at Cuttack | 76,923.00 | | - | 76,923.00 | 76,923.00 | | |
| 189 | Mix designs for Township at Chhattisgarh | 481,380.00 | | - | 481,380.00 | 468,864.00 | 12,516.00 | |
| 190 | Review of the Road Structure Design of the Perimeter Road at Rambilli near Visakhapatna | 100,000.00 | | 153,400.00 | 253,400.00 | 53,400.00 | 200,000.00 | |
| 191 | Analog CMOS circuit design | 108,475.00 | | - | 108,475.00 | 94,916.00 | 13,559.00 | |
| 192 | Design of ground improvement work in connection with RoB in MCHP area of Paradip Port Authority, Odisha | 150,000.00 | | - | 150,000.00 | - | 150,000.00 | |
| 193 | FOS measurement of tailings dams-2021 of Vedanta Limited, Lanjigarh | 410,000.00 | | - | 410,000.00 | - | 410,000.00 | |
| 194 | Characterization of Polymer and Crumb Rubber Modified Bitumen | 27,000.00 | | - | 27,000.00 | - | 27,000.00 | |
| 195 | Mix Design of BSM using RAP and BitChem Tailor Made Cold Binder/Emulsion for NH-2, Bardhaman, WB | 74,074.00 | | 16,000.00 | 90,074.00 | 16,000.00 | 74,074.00 | |
| 196 | Carrying out The Third Party Quality Assurance Consultancy (TPQAC) for the construction and development of Kendriya Vidyalaya School at Dharmagard, Kalahandi, Odisha | 542,373.00 | | - | 542,373.00 | 542,373.00 | | |
| 197 | Mix design for Bridge work of East Coast Railway, Jajpur | 192,308.00 | | - | 192,308.00 | 192,308.00 | | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 198 | Design of SCC for the Construction of Parshuramji Statue at Arunanchal Pradesh | 203,390.00 | | - | 203,390.00 | 197,390.00 | 6,000.00 | |
| 199 | Mix design of DBM and DAC of Hirasar Airport, Rajkot | 74,074.00 | | - | 74,074.00 | - | 74,074.00 | |
| 200 | Carrying out The Third Party Quality Assurance Consultancy (TPQAC) for the construction and development of Kendriya Vidyalaya School at Vyasnagar, Jajpur District, Odisha | 542,373.00 | | - | 542,373.00 | - | 542,373.00 | |
| 201 | Vetting of Ardent GHG Emission Report | 1,300.00 | | - | 1,300.00 | - | 1,300.00 | |
| 202 | Structural vetting of RCC culvert bridges, and station buildings | 217,581.00 | | 15,677.00 | 233,258.00 | 180,000.00 | 53,258.00 | |
| 203 | Proof checking of structural design of Lube Hub (34x75m) in size for foundation and superstructure | 80,000.00 | | - | 80,000.00 | 80,000.00 | | |
| 204 | Proof checking of Design and Drawing of substructure for elevated double track viaduct at GUA Railway station Jharkhand | 1,563,000.00 | | - | 1,563,000.00 | - | 1,563,000.00 | |
| 205 | Development of Drone System for Cleaning High Rise Buildings & for spraying Pesticides | 35,000.00 | | - | 35,000.00 | - | 35,000.00 | |
| 206 | Proof checking of desing and drawing of 1 x 11.65m RCC Slab Bridge | 200,000.00 | | - | 200,000.00 | 17,697.00 | 182,303.00 | |
| 207 | Mix design for SCC for SCB Medical College Cuttack | 30,000.00 | | - | 30,000.00 | - | 30,000.00 | |
| 208 | Durability Testing of Soil Stabilised with Soil Tech MK III as per IRC: SP 89 (PART-II)-2018 | 100,000.00 | | - | 100,000.00 | 97,300.00 | 2,700.00 | |
| 209 | Scrutiny of Chimney design calculations & Drawings (For WHRB & CFBC Chimneys) | 55,000.00 | | - | 55,000.00 | - | 55,000.00 | |
| 210 | Proof checking of Design and Drawing of POT PTFE Bearings for ROB at MCL Talcher | 240,000.00 | | - | 240,000.00 | - | 240,000.00 | |
| 211 | Proof checking of design and drawings for the three lane bridge over railway track between Mancheswar-Vanivihar | 169,491.00 | | - | 169,491.00 | 169,491.00 | | |
| 212 | Stabilization of Soil using Etonis 1400S for application in Road Pavements | 166,500.00 | | 29,470.50 | 195,970.50 | 190,974.50 | 4,996.00 | |
| 213 | Proof checking of Elevated service Reservoir on precast basis at Dharmasala, Rasulpur & Danagadi | 101,695.00 | | - | 101,695.00 | 101,695.00 | | |
| 214 | Carrying out The Third Party Quality Assurance Consultancy (TPQAC) for the Construction and Development of Kendriya Vidyalaya School at Balasore district, Odisha | 542,373.00 | | 542,373.00 | 1,084,746.00 | 542,373.00 | 542,373.00 | |
| 215 | 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 | 976,923.00 | | - | 976,923.00 | 849,923.00 | 127,000.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 | Rut Test for DBM-2 Grade HMA | 74,074.00 | | - | 74,074.00 | - | 74,074.00 | |
| 217 | 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 | 450,000.00 | | - | 450,000.00 | 438,750.00 | 11,250.00 | |
| 218 | Structural adequacy of the existing plants (1,2,3) and dam administrative building | 100,000.00 | | - | 100,000.00 | 87,500.00 | 12,500.00 | |
| 219 | Residual stress measurement in welded pipes and plates | 376,466.36 | | 288,749.75 | 665,216.11 | 604,000.57 | 61,215.54 | |
| 220 | Proof checking of structural design and drawing of the bridge across simuli nallah, Keonjhar | 340,000.00 | | - | 340,000.00 | 323,000.00 | 17,000.00 | |
| 221 | Carrying out the Third Party Quality Assurance Consultancy (TPQAC) for the construction and development of Kendriya Vidyalaya School at Kakinada Andhra Pradesh | 542,373.00 | | - | 542,373.00 | - | 542,373.00 | |
| 222 | Mix designs for BHEL Talcher | 162,972.00 | | - | 162,972.00 | 141,785.60 | 21,186.40 | |
| 223 | Remedial measures to be taken for repairing PSC Girder No-17 of Railway Bridge over the IOCL Pipeline AT MMLP-Paradip (Odisha) | | | 368,750.00 | 368,750.00 | 368,750.00 | | |
| 224 | Vetting of Project Report for amendment of environmental clerance of Shyam Metalics & Engergy Limited | | | 76,700.00 | 76,700.00 | 24,700.00 | 52,000.00 | |
| 225 | Design of Cement Concrete Pavement for FCI depot at Khurda Road | | | 236,000.00 | 236,000.00 | 232,000.00 | 4,000.00 | |
| 226 | Carrying out Environmental Audit of Smelter Plant, NALCO and issue of no increase in pollution load certificate | 280,000.00 | | - | 280,000.00 | 245,000.00 | 35,000.00 | |
| 227 | Technical proof checking of Design & drawing of various component of RWSS-projects | | | 2,950,000.00 | 2,950,000.00 | 950,000.00 | 2,000,000.00 | |
| 228 | Proof checking of 2RCC Box culvert and RCC Apron for ballast less track at private siding of M/s HPCL on Raipur-Titlagarh Section | | | 206,500.00 | 206,500.00 | 199,500.00 | 7,000.00 | |
| 229 | Stabilization of Soil using Cement & Novocrete at JSW Utkal Steel Ltd, Paradeep | | | 238,950.00 | 238,950.00 | 88,950.00 | 150,000.00 | |
| 230 | Vetting of structural design and drawing of T-beam bridge with pile foundation at Koah Nala at Kahalgaon, Bihar | | | 352,820.00 | 352,820.00 | 352,820.00 | | |
| 231 | Designing of Algorithms for pedestrian attribute learning and recognition | | | 2,836,561.12 | 2,836,561.12 | 2,836,561.12 | | - |
| 232 | Design and development of specialised BLDC Motors | | | 75,000.21 | 75,000.21 | 73,500.21 | 1,500.00 | |
| 233 | Proof checking of launching schemes for ROB at 245+923 (Bimalgarh)- 60m Bow string Girder | | | 206,500.00 | 206,500.00 | 203,000.00 | 3,500.00 | |
| 234 | Proof checking of structural design and drawing of the worker's hostel at Rourkela, Chodwar and Chhatabar under SCDF | | | 1,394,529.90 | 1,394,529.90 | 449,086.80 | 945,443.10 | |
| 235 | Structural vetting of superstructure of 18m span ROB for additional load due to proposed pipeline | | | 243,375.00 | 243,375.00 | 243,375.00 | | |
| 236 | Mix design for construction of critical care hospital block AIIMS Bhubaneswar | | | 118,000.00 | 118,000.00 | 118,000.00 | | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 237 | Detailed technical opinion on mobile manugacturing parts " Display assempbly, fullfit scren and connectors" | | | 75,000.00 | 75,000.00 | 26,108.15 | 48,891.85 | |
| 238 | Checking of design for soil improvement using PVD for East Coast Railway | | | 177,000.00 | 177,000.00 | 177,000.00 | | |
| 239 | Proof checking of minor bridges for proposed railway siding at Sogra Railway Station under Chakradharpur division | | | 460,200.00 | 460,200.00 | 452,400.00 | 7,800.00 | |
| 240 | Proof checking of minor steel girder bridge proposed across GAIL pipeline of Naini Coal Mines,Odisha | | | 82,836.00 | 82,836.00 | 75,815.72 | 7,020.28 | |
| 241 | Proof checking of Bridges in connection with construction of railway siding at Jhanjra OCP near UKHRA station | | | 536,900.00 | 536,900.00 | 536,900.00 | | |
| 242 | Mix design for construction of MES Building at Chandipur | | | 118,000.00 | 118,000.00 | 118,000.00 | | |
| 243 | Mix design for Construction of Technical Building at Chandipur | | | 118,000.00 | 118,000.00 | 118,000.00 | | |
| 244 | Proof check to the desing drawings for a short span RCC T-beam structure under 19BRTF project | | | 199,125.00 | 199,125.00 | 199,125.00 | | |
| 245 | Utilization of red mud in concrete composites | | | 1,662,000.00 | 1,662,000.00 | 1,512,000.00 | 150,000.00 | |
| 246 | Design of SCC for IISER Berhampur | | | 118,000.00 | 118,000.00 | 100,000.00 | 18,000.00 | |
| 247 | Carrying out the Third Party Quality Assurance Consultancy (TPQAC) for the Construction and Development of Kendriya Viadyalaya School at Angul, Odisha | | | 800,000.00 | 800,000.00 | 257,626.88 | 542,373.12 | |
| 248 | Mix design for AIIMS Bhubaneswar Critical care block | | | 118,000.00 | 118,000.00 | 118,000.00 | | |
| 249 | Structural Vetting of Engineering, procurement and construction of Precision Engineering building and facilities for precision Engineering complex at Bhubaneswar (Odisha) | | | 590,000.00 | 590,000.00 | 590,000.00 | | |
| 250 | Proof checking of six RCC Box Bridges of Rungta Mines Limited | | | 551,650.00 | 551,650.00 | 551,650.00 | | |
| 251 | Proof checking of Bridges in connection with construction of railway siding at load out system near Laxman project at Gevra area, Korba | | | 291,460.00 | 291,460.00 | 281,580.00 | 9,880.00 | |
| 252 | Structural health assessment for the up-gradation project-Cuttack-Angul (Pkg-II) section | | | 1,498,600.00 | 1,498,600.00 | 1,346,200.00 | 152,400.00 | |
| 253 | Structural health assessment for the up-gradation project-Cuttack-Angul (Pkg-I) section | | | 1,498,600.00 | 1,498,600.00 | 1,346,200.00 | 152,400.00 | |
| 254 | Proof checking of design and drawing of POT & PTFE bearing of major bridge No.2, Bridge No.4 | | | 354,000.00 | 354,000.00 | 324,000.00 | 30,000.00 | |
| 255 | Proof check of new signal buildingg at Paradip | | | 472,000.00 | 472,000.00 | 152,000.00 | 320,000.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 256 | Structural healtth assessment for the up-gradation project-Duburi-Chandikhole (Pkg-III) section | | | 1,498,600.00 | 1,498,600.00 | 1,346,200.00 | 152,400.00 | |
| 257 | Mix design for shotcrete for slope protection works at JODA | | | 118,000.00 | 118,000.00 | 118,000.00 | | |
| 258 | Mix design for construction of officers married accomodation for NAVY at Visakhapatnam | | | 118,000.00 | 118,000.00 | 118,000.00 | | |
| 259 | Proof checking of 02 nos of major bridges In connection with construction of railway siding at Mahespur, Dhanbad, Jharkhand | | | 236,000.00 | 236,000.00 | 216,000.00 | 20,000.00 | |
| 260 | Proof checking of structural design and drawing for project " Proposed Lachit Moidam Memorial complex a Lahdoigarh, Jorhat" Assam | | | 236,000.00 | 236,000.00 | 236,000.00 | | |
| 261 | Proof checking of design of structural Glazing for AIIMS Bhubaneswar project. | | | 221,250.00 | 221,250.00 | 217,500.00 | 3,750.00 | |
| 262 | Proof checking of desing and drawings of civil structures in Puri | | | 159,300.00 | 159,300.00 | 159,300.00 | | |
| 263 | Proof checking of structural design and drawing of a multi-storeyed building proposed at Bhubaneswar, Odisha | | | 429,520.00 | 429,520.00 | 429,520.00 | | |
| 264 | Carrying out the Third Party Quality Assurance Consultancy (TPQAC) for the Construction and Development of Kendriya Vidyalaya School at Siddipet, Telangana | | | 800,000.00 | 800,000.00 | 257,627.00 | 542,373.00 | |
| 265 | Proof checking of structural design and drawings for Factory Building on Plot No:-A-119/1,Sector-29,Yamuna Expressway,Distt. Gautam Buddh Nagar,Up | | | 490,880.00 | 490,880.00 | 449,280.00 | 41,600.00 | |
| 266 | Fitness monitoring system & pro dignostics of LURO BURNER | | | 728,650.00 | 728,650.00 | 448,533.00 | 280,117.00 | |
| 267 | Vetting of the technical report of engineering solution of slope stablization work at project-Bengaluru-Salem section | | | 110,625.00 | 110,625.00 | 54,050.00 | 56,575.00 | |
| 268 | Environmental Assessment Study for issue of No Increase in pollution load certificate for proposed Bitumen Unit of 832 TMTPA Capacity at Paradip Refinery | | | 543,145.28 | 543,145.28 | 174,910.68 | 368,234.60 | |
| 269 | Proof checking of structural design and drawings for Institutional Building on Plot No: 1-15, Wish Town, Sector 128, Jaypee Greens, Noida. | | | 122,720.00 | 122,720.00 | 122,720.00 | | |
| 270 | Request for proposal (RFP) for road work for Deendayal Port Authority (DPA) | | | 590,000.00 | 590,000.00 | 190,000.00 | 400,000.00 | |
| 271 | Design of cement concrete pavements for six FCI Depot in Odisha | | | 1,180,000.00 | 1,180,000.00 | 1,160,000.00 | 20,000.00 | |
| 272 | Mix design for construction of substructure at Chandipur for MES | | | 118,000.00 | 118,000.00 | 118,000.00 | | |
| 273 | Mix design for construction of Technical building at Binnaguri | | | 118,000.00 | 118,000.00 | 118,000.00 | | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 274 | Proof check of major bridge no.10 and 28 for the work "Development of railway infrastructure upto 4 MTPA plant expansion" of Vedanta Ltd. Lanjigarh | | | 708,000.00 | 708,000.00 | 648,000.00 | 60,000.00 | |
| 275 | Structural stability check for the project building of G+1 at Khariar, Nuapada District | | | 147,500.00 | 147,500.00 | 147,500.00 | | |
| 276 | Proof checking of structural design and drawings of hostel building | | | 112,100.00 | 112,100.00 | 112,100.00 | | |
| 277 | Proof checking of Hanumanji statue at Nathdwara | | | 300,000.00 | 300,000.00 | 300,000.00 | | |
| 278 | Proof checking of design and drawings of civil structures pertaining to Banarpal and Angul Blocks in Angul District | | | 2,020,750.00 | 2,020,750.00 | 650,750.00 | 1,370,000.00 | |
| 279 | Proof checking of desing and drawings of civil structures pertaining to Gania, Dasapala and Nuagaon Block in Nayagarh District | | | 1,814,250.00 | 1,814,250.00 | 584,250.00 | 1,230,000.00 | |
| 280 | Proof checking of desing and drawings of civil structures pertaining to Bari & Korei Block of Jajpur District | | | 1,725,750.00 | 1,725,750.00 | 555,750.00 | 1,170,000.00 | |
| 281 | Proof checking of structural design and drawings of structure with built area 7504 sqm | | | 122,720.00 | 122,720.00 | 122,720.00 | | |
| 282 | Vetting and proof checking of structural drawings and design of HFL bridges | | | 401,200.00 | 401,200.00 | 401,200.00 | | |
| 283 | Vetting of propoed pipeline alignment and placement of valves with regards to water hammer effect, surge protection analysis | | | 484,537.50 | 484,537.50 | 484,537.50 | | |
| 284 | Vetting and proof checking of structural drawings and design of District Audit Office at Angul | | | 94,400.00 | 94,400.00 | 94,400.00 | | |
| 285 | Site visit and suggestion for bank slope failure at 147 km to 149 km of TGRL-TKMA doubling project | | | 70,564.00 | 70,564.00 | 70,564.00 | | |
| 286 | Proof check of bridge works of SECL | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 287 | Proof check of bridge works at Lajkura | | | 177,000.00 | 177,000.00 | 57,000.00 | 120,000.00 | |
| 288 | Proof checking of structural design and drawings for 'Construction of new Campus for Indian Institute of Foreign Trade (IIFT) at Kakinada, Andhra Prasdesh | | | 354,000.00 | 354,000.00 | 354,000.00 | | |
| 289 | Job Mix Formula (JMF) for Full Depth Reclamation (FDR) of PMGSY Roads in Jharkhand Misc PIUs | | | 6,372,000.00 | 6,372,000.00 | 2,473,201.00 | 3,898,799.00 | |
| 290 | Traffic Studies on PWD Roads in Odisha | | | 11,505,000.00 | 11,505,000.00 | 4,109,999.00 | 7,395,001.00 | |
| 291 | Development of foundation design and drawings for 220kv & 440kv towers in wind zone VI | | | 1,000,000.00 | 1,000,000.00 | 966,098.00 | 33,902.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 292 | Bituminous Mix Designs for Resurfacing of Runway at Biju Patnaik Int. Airport, Bhubaneswar | | | 477,900.00 | 477,900.00 | 177,900.00 | 300,000.00 | |
| 293 | Verification of elevated service reservoir on precast basis for execution of 2 nos of individual rural pipe water suply project | | | 118,000.00 | 118,000.00 | 38,000.00 | 80,000.00 | |
| 294 | Vetting of the technical report on carrying out hill protection work near type-VE quarters at Mandala, Anushaktinagar, Mumbai | | | 110,625.00 | 110,625.00 | 105,068.00 | 5,557.00 | |
| 295 | Proof checking of new auction hall and commercial building for Paradip fishing harbor | | | 590,000.00 | 590,000.00 | 190,000.00 | 400,000.00 | |
| 296 | Structural vetting for Acreplex Bhubaneswar | | | 1,416,000.00 | 1,416,000.00 | 1,416,000.00 | | |
| 297 | Mix design for construction of Technical buildings at Vizag for MES | | | 118,000.00 | 118,000.00 | 118,000.00 | | |
| 298 | Integration and analysis of advanced machine learning algorithms with LACOS codebase | | | 2,577,120.00 | 2,577,120.00 | 2,148,472.00 | 428,648.00 | |
| 299 | Proof checking of structural design and drawings of high-rise building | | | 708,000.00 | 708,000.00 | 648,000.00 | 60,000.00 | |
| 300 | Proof checking of design and drawings of four lane ROB and its approaches in lieu of existing level crossing at kesinga in the state of Odisha | | | 590,000.00 | 590,000.00 | 205,385.00 | 384,615.00 | |
| 301 | Structure vetting for Mahadev Greens at Trisulia Cuttack the total built-up area 46,129 sqm (496350 sqft) | | | 1,181,180.00 | 1,181,180.00 | 380,380.00 | 800,800.00 | |
| 302 | Proof checking of general arrangement drawings of Pre-engineered building (Mahindra & Mahindra) | | | 675,000.00 | 675,000.00 | 643,750.00 | 31,250.00 | |
| 303 | Assessment of quality of some Indian coals | | | 365,800.00 | 365,800.00 | 359,600.00 | 6,200.00 | |
| 304 | Biostratigraphic and Sedimentological evaluation of Mahanadi basin using drilling records | | | 896,000.00 | 896,000.00 | 823,787.00 | 72,213.00 | |
| 305 | Vetting of distribution network pertaining to scheme to 30 GP of Kuchinda and Bamra block of Sambalpur district | | | 550,000.36 | 550,000.36 | 550,000.36 | | |
| 306 | Design/quality analysis of constructed 04 nos double storied building at different places of subarnapur district | | | 446,701.00 | 446,701.00 | 446,700.32 | 0.68 | |
| 307 | Proof checking of general arrangement drawings and structural design of ROB bearing chainage 87+482 | | | 130,980.00 | 130,980.00 | 130,980.00 | | |
| 308 | Vetting of DPRs for Road Projects developed under BDA | | | 177,000.00 | 177,000.00 | 177,000.00 | | |
| 309 | Conducting a feasibility study on utilization of OB material of Kulda OCP for various Civil constuction purposes | | | 1,777,670.00 | 1,777,670.00 | 761,632.00 | 1,016,038.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 310 | Vetting of structural design and drawings for Construction of Bypass Road to Balangir town from Km 72.400 (Design Km 0.000) to Km 79.800 (Design Km 11.670) of NH-26 in the State of Odisha on EPC mode | | | 1,298,000.00 | 1,298,000.00 | 418,000.00 | 880,000.00 | |
| 311 | Vetting of detailed basic engineering package, drawing including P&ID, layout of packaged plants. | | | 135,700.00 | 135,700.00 | 135,700.00 | | |
| 312 | Strutural audit of civil works for development of six lane Badakumari-Karki section of NH-130-CD road under Raipur-Viskhapatnam Economic Corridor | | | 265,500.00 | 265,500.00 | 261,000.00 | 4,500.00 | |
| 313 | Inspection and testing of welding of steel plate girders at site (Patna, Bihar) and fabrication yard (Rewari, Haryana) | | | 554,318.00 | 554,318.00 | 295,830.00 | 258,488.00 | |
| 314 | Feasibility of EOT crane for hangar at Bhubaneswar | | | 1,416,000.00 | 1,416,000.00 | 456,000.00 | 960,000.00 | |
| 315 | Audit on compliance to ash generation and utilization | | | 110,625.00 | 110,625.00 | 35,625.00 | 75,000.00 | |
| 316 | Peer review of Plant/non-plant buildings | | | 378,000.00 | 378,000.00 | 121,730.00 | 256,270.00 | |
| 317 | Materials for improvement of minig operations (Hqdroqels and nano composites) | | | 358,425.00 | 358,425.00 | 133,425.00 | 225,000.00 | |
| 318 | Proof checking of General Arrangement Drawings of Pre-engineered Building for RAR Infra & Retail LLP | | | 264,600.00 | 264,600.00 | 252,350.00 | 12,250.00 | |
| 319 | Proof checking of General Arrangement Drawings of Pre-Engineered building for Maval Industrial and Logistic Park | | | 259,200.00 | 259,200.00 | 247,200.00 | 12,000.00 | |
| 320 | Proof checking of General Arrangement Drawings of Pre-Engineered Building for Amabale Industrial and Logistics Parks | | | 267,300.00 | 267,300.00 | 254,925.00 | 12,375.00 | |
| 321 | Geotechnical testing of 5 numbers of soil samples | | | 44,250.00 | 44,250.00 | 16,472.00 | 27,778.00 | |
| 322 | Geotechnical testing of soil samples | | | 22,120.28 | 22,120.28 | 22,120.00 | 0.28 | |
| 323 | Geotechnical testing of soil samples | | | 17,700.00 | 17,700.00 | 17,700.00 | | |
| 324 | Proof checking of Design and Drawing of pier and Pile foundation for pier P8 and P9 for ROB (1x 24.0m) over existing railway lines near Kirandul yard for NMDC Ltd. | | | 295,000.00 | 295,000.00 | 285,000.00 | 10,000.00 | |
| 325 | Proof checking of general arrangement drawings and structural design of solar water pump structures | | | 115,050.00 | 115,050.00 | 115,050.00 | | |
| 326 | Proof checking of Design and Drawings of Sub structure and Foundations of rail bridge having span of 6x45.7m Steel Girder over Bheden River | | | 737,500.00 | 737,500.00 | 237,500.00 | 500,000.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 327 | Vetting of report on Traffic analysis and pavement design report (R1) | | | 177,000.00 | 177,000.00 | 57,000.00 | 120,000.00 | |
| 328 | Proof checking of strengthening of PSC girders between CTC-BRAG up | | | 295,000.00 | 295,000.00 | 95,000.00 | 200,000.00 | |
| 329 | Determination of physical characterstics of filter media for water supply projects in Odisha | | | 165,000.00 | 165,000.00 | 165,000.00 | | |
| 330 | Assessment of quality of some Indian coals | | | 241,900.00 | 241,900.00 | 237,800.00 | 4,100.00 | |
| 331 | Assessing the degradable matter from polypropylene and evaluating cylo toxicity of degradable matter. | | | 477,900.00 | 477,900.00 | 177,900.00 | 300,000.00 | |
| 332 | Vetting of structural design and drawings for construction of Bypass to Nayagarh town from km 235.469 to km 252.48 of NH-57 in the State of Odisha on EPC mode. | | | 147,500.00 | 147,500.00 | 64,500.00 | 83,000.00 | |
| 333 | Proof checking of Design and Drawings of Box culverts, Minor bridges, Flyovers and Light vehicular underpassess for NH-57, Odisha | | | 1,298,000.00 | 1,298,000.00 | 1,276,000.00 | 22,000.00 | |
| 334 | Proof checking of design and drawings of Multi Story office building for Chennai Customs Audit & Chennai Import Commissionerate | | | 550,175.00 | 550,175.00 | 177,175.00 | 373,000.00 | |
| 335 | Rut Test for BC-2 Grade HMA with CRMB 60 | | | 118,000.00 | 118,000.00 | 43,926.00 | 74,074.00 | |
| 336 | Groundwater and soil sample analysis | | | 299,484.00 | 299,484.00 | 118,912.00 | 180,572.00 | |
| 337 | Proof checkingg of structural design and drawings for BDL Jhansi | | | 295,000.00 | 295,000.00 | 95,000.00 | 200,000.00 | |
| 338 | Proof checking of structural design and drawings for Factory Building at Greater Noida, Science Centre at Kota and Karbi Bhawan, at Dwarka, New Delhi | | | 354,000.00 | 354,000.00 | 354,000.00 | | |
| 339 | Structural health assessment of existing 4 Lane Panikoili-Rimuli section of NH-215 (New NH-20) in Odisha | | | 737,500.00 | 737,500.00 | 662,500.00 | 75,000.00 | |
| 340 | Audit of ash disposal and utilization of Jindal Steel & Power Limited | | | 110,625.00 | 110,625.00 | 35,625.00 | 75,000.00 | |
| 341 | Structural Audit of minor bridges and LVUP for development of six lane Badakumari-Karki section from km 204+000 to km 226+500 | | | 265,500.00 | 265,500.00 | 265,500.00 | | |
| 342 | Checking of design of process tower and boiler chimney at Somnathpur Industrial area, Balasore | | | 590,000.00 | 590,000.00 | 190,000.00 | 400,000.00 | |
| 343 | Proof checking design and drawings of minor bridges, box culverts and hume pipe culverts | | | 657,850.00 | 657,850.00 | 211,850.00 | 446,000.00 | |
| 344 | Mix design and Bridge design vetting for Vedanta Ltd Lanjigarh | | | 177,000.00 | 177,000.00 | 177,000.00 | | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 345 | Proof checking of stuructural design of DDM (Deputy Director of Mines) office and laboratory at 04 sites for Odisha Mining Corporation (OMC) | | | 236,000.00 | 236,000.00 | 108,335.00 | 127,665.00 | |
| 346 | Design check of VUP for four laning of NH6 in Odisha, Sambalpur | | | 472,000.00 | 472,000.00 | 152,000.00 | 320,000.00 | |
| 347 | Mix design for ovehead tank | | | 80,000.00 | 80,000.00 | 80,000.00 | | |
| 348 | Testing of filter bed sand material | | | 159,300.00 | 159,300.00 | 51,300.00 | 108,000.00 | |
| 349 | Audit of ash disposal and utilization of IMFA Limited | | | 110,625.00 | 110,625.00 | 35,625.00 | 75,000.00 | |
| 350 | Audit of ash disposal and utilization of NAVA Limited | | | 110,625.00 | 110,625.00 | 109,012.00 | 1,613.00 | |
| 351 | Establishment off Chair Professor in Cyber Security | | | 194,700.00 | 194,700.00 | 29,700.00 | 165,000.00 | |
| 352 | Vetting of Structural design and drawing of construction for LCSS Building of MSP Plant at IREI, Matikhalo, Chatarapur, Ganjam, Odisha | | | 100,300.00 | 100,300.00 | 32,300.00 | 68,000.00 | |
| 353 | Vetting of structural design and drawings for sliding gate for 40 mtrs length | | | 118,000.00 | 118,000.00 | 67,750.00 | 50,250.00 | |
| 354 | Vetting of electrical and E&M designs and drawings pertaining to the Nayagarh District | | | 354,000.00 | 354,000.00 | 114,000.00 | 240,000.00 | |
| 355 | Vetting of electrical and E&M designs and drawings pertaining to the Angul District | | | 425,000.00 | 425,000.00 | 118,750.00 | 306,250.00 | |
| 356 | Vetting of electrical and E&M designs and drawings pertaining to the Jajpur District | | | 339,250.00 | 339,250.00 | 109,250.00 | 230,000.00 | |
| 357 | Power factor improvement study | | | 383,500.00 | 383,500.00 | 133,500.00 | 250,000.00 | |
| 358 | Vetting & proof checking of Structural Drawings & design of 1 00 seater Boys Hostel at six locations in the district of Angul, Staff quarters for REB Sub Division Rairakhol, Sambalpur and Pabitra mohan Smrutipitha at Palhara, Angul | | | 354,000.00 | 354,000.00 | 114,000.00 | 240,000.00 | |
| 359 | Fragility of different types of offshore wind turbines in seismic conditions | | | 368,000.00 | 368,000.00 | 168,509.00 | 199,491.00 | |
| 360 | Testing of concrete core samples for two major bridges at Naupada | | | 118,000.00 | 118,000.00 | 114,000.00 | 4,000.00 | |
| 361 | Proof checking of one minor bridge at Kusmunda open cast of Kusmunda area, Korba (CG) | | | 94,400.00 | 94,400.00 | 32,862.00 | 61,538.00 | |
| 362 | Mix design verification for construction of statue at Varanasi | | | 236,000.00 | 236,000.00 | 236,000.00 | | |
| 363 | Vetting of Design of Automatic Wheel Wash | | | 100,300.00 | 100,300.00 | 32,300.00 | 68,000.00 | |
| 364 | Vetting of project report for amendment of Environmental clearance of M/s XIM University | | | 76,700.00 | 76,700.00 | 75,400.00 | 1,300.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 365 | Vetting of Nallah Diversion Plan for Kuraloi-A North Coal Mines of M/s Vedanta Ltd (Volume-1) prepared by CEMC Pvt Ltd, Bhubaneswar | | | 94,400.00 | 94,400.00 | 30,400.00 | 64,000.00 | |
| 366 | Vetting of traffic density study for Environmental clearance of proposed M/s Utkal Health Care Private Limited Plot No.C/3 Niladri Vihar, Chandrasekharpur, Bhubaneswar Odisha | | | 76,700.00 | 76,700.00 | 75,400.00 | 1,300.00 | |
| 367 | Vetting of traffic density study for Environmental clearance of proposed Enhancement in iron ore production from Sandspur Iron & Manganese Mines of M/s National Enterprises At: Village-Sanindpur, Tehsil-Koida, Dist Sundargarh, Odisha | | | 76,700.00 | 76,700.00 | 75,400.00 | 1,300.00 | |
| 368 | Vetting of civil structural documents, electrical process, mechanical and instrumentation design and drawing of 3 Nos Individual Rural Piped water supply projects pertaining to Koraput and Navarangapur Districts | | | 1,371,750.00 | 1,371,750.00 | 441,750.00 | 930,000.00 | |
| 369 | Vetting of Hydraulic and structural design for execution of rural piped water supply project pertaining to 149 villages of Tangi-Chowdar block of Cuttack district. | | | 700,625.00 | 700,625.00 | 225,625.00 | 475,000.00 | |
| 370 | Vetting of structural design and drawings of BFP related reinforced concrete buildings located at Berhampur | | | 129,800.00 | 129,800.00 | 129,800.00 | | |
| 371 | Peer review of structural design for trident vasa project at Kalinga Nagar, Bhubaneswar | | | 630,562.50 | 630,562.50 | 203,062.50 | 427,500.00 | |
| 372 | Structural Vetting of Engineering, procurement and construction of Precision Engineering building and facilities for precision Engineering complex at Bhubaneswar (Odisha) | | | 177,000.00 | 177,000.00 | 57,000.00 | 120,000.00 | |
| 373 | Vetting of structural design and drawing for construction of Basement plus three storied building of Satsang at Bandel | | | 47,200.00 | 47,200.00 | 15,200.00 | 32,000.00 | |
| 374 | Sanctioning of structural details of office building of M/s Aditya Infotech Limited, Noida | | | 354,000.00 | 354,000.00 | 114,000.00 | 240,000.00 | |
| 375 | Proof checking of structural design and drawing of two major bridges in connection with construction of 8-lanng of existing 4-lane stretch from Chandikhole to Paradip | | | 826,000.00 | 826,000.00 | 269,048.00 | 556,952.00 | |
| 376 | Proof checking and vetting of structural design and drawings of 220 KV D/C normal base towers including associated foundation designs and drawings | | | 1,362,900.00 | 1,362,900.00 | 438,900.00 | 924,000.00 | |
| 377 | Proof check of two number of major bridge of span 3 x 30m box girder | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 378 | Audit of ash disposal and utilization of JSW Energy Limited | | | 206,500.00 | 206,500.00 | 66,500.00 | 140,000.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| Sn. | Name of the Project | Opening Balance Credit | Opening Balance Debit | Receipts/ Recoveries during the year | Total | Expenditure during the Year | Closing Balance Credit | Closing Balance Debit |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 379 | Proof checking off structural design and drawings of Pre-engineered Buildings for Sudhir Power Ltd | | | 988,250.00 | 988,250.00 | 318,250.00 | 670,000.00 | |
| 380 | Proof checking and vetting of structural design and drawings of 132 KV D/C normal base towers including associated foundation designs and drawings | | | 1,416,000.00 | 1,416,000.00 | 456,000.00 | 960,000.00 | |
| 381 | Audit of ash disposal and utilization of Finolex pipes limited | | | 265,500.00 | 265,500.00 | 205,500.00 | 60,000.00 | |
| 382 | Soil improvement methodology in WTP Area of Balianta Block of Khorda Project. | | | 1,241,290.00 | 1,241,290.00 | 497,936.00 | 743,354.00 | |
| 383 | Traffic assessment study for Environmental clerance of M/s Essen RG LLP | | | 76,700.00 | 76,700.00 | 24,700.00 | 52,000.00 | |
| 384 | Traffic Assessment study for Environmental clearance of Avenue-17th " Assotech World located at Mouza-Rudrapur, Ps-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha | | | 76,700.00 | 76,700.00 | 24,700.00 | 52,000.00 | |
| 385 | Proof checking of detailed shuttering structural design for Type I and Type II pile caps of Versova Bandra sea link project | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 386 | Design verification for retrofitting and strengthening of auditorium at Rourkela | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 387 | Vetting of Foundation design for high speed diesel MS tank | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 388 | Audit of ash disposal and utilization of Bhubaneswar Power Pvt Ltd. | | | 110,625.00 | 110,625.00 | 35,625.00 | 75,000.00 | |
| 389 | Mix design for Equipment storage | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 390 | Vetting of structural design and drawing of SJTA office building, SJRC Library and Dharmasala in Old Baselisahi Police Station Land, Puri, Odisha | | | 354,000.00 | 354,000.00 | 114,000.00 | 240,000.00 | |
| 391 | Proof checking of retaining wall for a height of 1.5 m and 2.0 m in connection with the construction of Gatishakti Multimodal Cargo Terminal of M/s JRC Transcon Pvt.Ltd at Belkundi | | | 153,400.00 | 153,400.00 | 153,400.00 | | |
| 392 | Proof checking of design and drawings of Mega PWS projects under RWSS, Odisha | | | 4,995,000.09 | 4,995,000.09 | 1,608,559.09 | 3,386,441.00 | |
| 393 | Vetting of Electrical, E&M and Instrumentation designs and drawings of Gajapati and Bolangir Odisha | | | 1,150,500.00 | 1,150,500.00 | 370,500.00 | 780,000.00 | |
| 394 | Vetting of surge analysis of lift irrigation projects | | | 1,399,775.00 | 1,399,775.00 | 450,775.00 | 949,000.00 | |
| 395 | Proof checking of foundation and sub-structure of 3.05m and 4.57mspans of PSC slab for Indian Railway | | | 177,000.00 | 177,000.00 | 57,000.00 | 120,000.00 | |
| 396 | Compliance audit on fly ash generation and utilization for FY 2022-23 | | | 206,500.00 | 206,500.00 | 66,500.00 | 140,000.00 | |
| 397 | Audit of ash disposal and utilization of Jindal Power Limited | | | 110,625.00 | 110,625.00 | 35,625.00 | 75,000.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| 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 |
| 398 | Proof Checking of Structural Design and Detailing of Buildings | | | 225,085.00 | 225,085.00 | 72,485.00 | 152,600.00 | |
| 399 | Proof checking of structural design and drawings of Vehicular underpass at SC.B CH: 341+130 and 345+255 | | | 295,000.00 | 295,000.00 | 95,000.00 | 200,000.00 | |
| 400 | Vetting of traffic density study for Environmental clearance of proposed M/s Assotech Sun Growth Adobe LLP " Avenue-07th" Assotech World, located at Mouza-Rudrapur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha | | | 88,500.00 | 88,500.00 | 28,500.00 | 60,000.00 | |
| 401 | Proof checking and vetting of structural design and drawings of 132 KV M/c narrow base towers (14-MA, MB, MC, MD) including associated foundation design and drawings | | | 1,416,000.00 | 1,416,000.00 | 456,000.00 | 960,000.00 | |
| 402 | Proof checking and vetting of structural design and drawings of 132 KV M/c narrow base towers (15-MA, MB, MC, MD) including associated foundation design and drawings | | | 1,416,000.00 | 1,416,000.00 | 456,000.00 | 960,000.00 | |
| 403 | Proof checking and vetting of structural design and drawings of 220 KV Special towers including associated foundation design and drawings | | | 1,191,800.00 | 1,191,800.00 | 383,800.00 | 808,000.00 | |
| 404 | Proof checking and vetting of structural design and drawings of 220 KV M/C narrow base towers including associated foundation design and drawings | | | 1,475,000.00 | 1,475,000.00 | 475,000.00 | 1,000,000.00 | |
| 405 | Audit of ash disposal and utilization of Jindal Stainless Limited at Jajpur | | | 110,625.00 | 110,625.00 | 35,625.00 | 75,000.00 | |
| 406 | Audit of ash disposal and utilization of Maithon Power/Tata Power Limited | | | 150,000.00 | 150,000.00 | 48,305.42 | 101,694.58 | |
| 407 | Proof checking of design and drawings of Civil structures and WTP process pertaining to Angul, Nayagarh and Jajpur Districts | | | 1,770,000.00 | 1,770,000.00 | 570,000.00 | 1,200,000.00 | |
| 408 | Checking of design of major and minor railway bridges, retaining wall and various buildings for Ananta OCP of Jagannath Area, MCL | | | 843,700.00 | 843,700.00 | 307,450.00 | 536,250.00 | |
| 409 | Vetting of civil designs and drawings for associated works of International Airport Hisar | | | 472,000.00 | 472,000.00 | 152,000.00 | 320,000.00 | |
| 410 | Widening of road from junction of WG1 & 2 to 12th Berth | | | 299,999.66 | 299,999.66 | 96,609.66 | 203,390.00 | |
| 411 | Testing of spray concrete square panels for GRInfra | | | 212,400.00 | 212,400.00 | 68,400.00 | 144,000.00 | |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 2 CONSULTANCY PROJECT (Contd.)

(Amount in ₹)

| Sn. | Name of the Project | Opening Balance Credit | Opening Balance Debit | Receipts/ Recoveries during the year | Total | Expenditure during the Year | Closing Balance Credit | Closing Balance Debit |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 412 | Proof Checking of design and drawings of sub structure and foundation for the proposed road over bridge at Kaniha | | | 368,750.00 | 368,750.00 | 118,750.00 | 250,000.00 | |
| 413 | Request for Witnessing and Authentication of Traffic cum Axle Load Survey - M/s UMSL Ltd, JBD Road Project | | | 80,240.00 | 80,240.00 | 25,840.00 | 54,400.00 | |
| 414 | Proof-checking of structural designs and drawing of two buildings (Building A: G+9 having 12000 sqm and Building B: G+9 having 10000 sqm) at IDCO industrial area Rev. plot no 153-155, 157,158,159, 149(P),151(P), 152(P) 156(P) - 160(P), Khata no 684/3, Mouza ÃƒÂ¢Ã‚Â€Ã‚Â“ Gothapatna, Dist : Khurda | | | 684,400.00 | 684,400.00 | 220,400.00 | 464,000.00 | |
| 415 | Proof checking of structural design and drawings of 2 nos segmental bridges one over river Yamuna and other over Betwa in the state of Uttar Pradesh | | | 1,298,000.00 | 1,298,000.00 | 418,000.00 | 880,000.00 | |
| 416 | IT Audit of e-procurement system | | | 295,000.00 | 295,000.00 | 95,000.00 | 200,000.00 | |
| 417 | proof checking of residential tower at Bhavanipatana, Odisha | | | 103,250.00 | 103,250.00 | 33,250.00 | 70,000.00 | |
| 418 | FOS measurement of tailings dams-2022-23 of Vedanta Limited, Lanjigarh | | | 512,499.96 | 512,499.96 | 165,041.96 | 347,458.00 | |
| 419 | Stability analysis of tailings dams-2022-23 of Vedanta Limited, Lanjigarh | | | 1,298,000.00 | 1,298,000.00 | 418,000.00 | 880,000.00 | |
| 420 | 3rd party audit of hazardous waste management of JSPL Angul | | | 368,750.00 | 368,750.00 | 118,750.00 | 250,000.00 | |
| 421 | Ash dyke stability study of Jindal at Angul | | | 816,265.00 | 816,265.00 | 262,865.00 | 553,400.00 | |
| 422 | Structural stability assessment of an underground water tank at Puri- SMPP | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 423 | Assessment of structural designs and proof checking of structural drawings of module mounting structures | | | 184,375.00 | 184,375.00 | 59,375.00 | 125,000.00 | |
| 424 | Assessment and Proof checking of general arrangement drawings and structural design of bridges with bearing chainages 103+248 and 119+545 | | | 236,000.00 | 236,000.00 | 76,000.00 | 160,000.00 | |
| 425 | Audit of ash disposal and utilization of JSPL, Angul | | | 162,250.00 | 162,250.00 | 52,250.00 | 110,000.00 | |
| 426 | Audit of ash disposal and utilization of Bhushan Power & Steel Limited | | | 162,250.00 | 162,250.00 | 52,250.00 | 110,000.00 | |
| 427 | Vetting of the design report of gabion fascia wall rectification at chainages 1860 | | | 110,625.00 | 110,625.00 | 35,625.00 | 75,000.00 | |
| 428 | ALPGLACIER project from ESA : use case glacier hazards in European Alps (AlpGlacier) | | | 96,348.00 | 96,348.00 | 31,028.00 | 65,320.00 | |
| 429 | Lake Outburst Flood Risk Assessment for Sarez Lake, In Tajikistan | | | 831,017.00 | 831,017.00 | 267,615.00 | 563,402.00 | |
| 430 | Motor Driver Development | | | 360,000.01 | 360,000.01 | 115,932.26 | 244,067.75 | |
| | **Total** | **51,201,962.26** | **73,002.00** | **132,018,465.76** | **183,114,335.02** | **89,139,158.80** | **94,008,269.22** | **2.00** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3A 3 SEED MONEY PROJECTS

(Amount in ₹)

| 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 | Design and Impementation of a WIreless Sensor Network Testbed | 73,088.00 | - | | 73,088.00 | - | 73,088.00 | - |
| 2 | Domain Decomposition Methods for Non-linear Problems | 41,206.00 | - | | 41,206.00 | - | 41,206.00 | - |
| 3 | 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 | - |
| 4 | Modelling the Mechanical Behavior Mocro and Nanoporous Metals | 7,350.00 | - | | 7,350.00 | - | 7,350.00 | - |
| 5 | Development of vibration assisted machining setup to address surface integrity issues on hard turned parts | 342,546.00 | - | | 342,546.00 | - | 342,546.00 | - |
| 6 | Design, development and analysis of integrated dual-output converter (IDOC) Technology for Renewable Integration | 236,273.00 | - | | 236,273.00 | - | 236,273.00 | - |
| 7 | Application of low altitude unmanned aerial vehicle (UAV) photogrammetry in rapid urban mapping for flood preparedness, damage assessment and sustainable development planning | 923,376.00 | - | | 923,376.00 | - | 923,376.00 | - |
| 8 | Runtime Monitoring of (Timed) Properties | 508,303.00 | - | | 508,303.00 | - | 508,303.00 | - |
| 9 | Finite Element based integrated analysis tool for Carbon Nano-tube (CNT) reinforced composites using refined kinematic model | 285,122.00 | - | | 285,122.00 | - | 285,122.00 | - |
| 10 | High directivity compact microstrip couplers using distributed realization of lumped elements | 583,829.00 | - | | 583,829.00 | - | 583,829.00 | - |
| 11 | Influence of Grain size and gain size distribution on the creep behaviour of Mg | 20,050.00 | - | | 20,050.00 | - | 20,050.00 | - |
| 12 | A study on fly ash-geosynthetics interaction characteristics pertinent to bridge abutment | 908,000.00 | - | | 908,000.00 | - | 908,000.00 | - |
| 13 | TAML:Timing Analysis with Machine Learning | 108,004.00 | - | | 108,004.00 | - | 108,004.00 | - |
| 14 | 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 | 1,000,000.00 | - | | 1,000,000.00 | - | 1,000,000.00 | - |
| 15 | 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). | 490.00 | - | | 490.00 | - | 490.00 | - |
| 16 | Angel and Auto-commutator word map | 290,779.00 | - | | 290,779.00 | 168,000.00 | 122,779.00 | - |
| 17 | Multiphysics analysis of cracked photovoltaic solar cells | 618,958.00 | - | | 618,958.00 | | 618,958.00 | - |
| 18 | Effect of texture and grains size on mechanical and corrosion prepertiesof Mg and its alloys | 944,527.00 | - | | 944,527.00 | 81,000.00 | 863,527.00 | - |
| 19 | Investigation the role of aseismic slip in the generation of fluid-induced earthquakes – A combined modelling, observational and data-assimilation based study | 103,013.00 | - | | 103,013.00 | | 103,013.00 | - |
| 20 | Development of novel two-layered pervious concrete for pavement applications | 244,442.00 | - | | 244,442.00 | | 244,442.00 | - |
| 21 | Application of textured tools under cryogenic cooling environment for the machining of difficult to machine material | 40,129.00 | - | | 40,129.00 | 35,926.00 | 4,203.00 | - |
| 22 | Development of Multiscale modelling methods to predict quantum properties of 2D material heterostructures | 428,130.00 | - | | 428,130.00 | | 428,130.00 | - |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

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

(Amount in ₹)

| 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 |
| 23 | CHL black holes and rademacher expansion | 1,000,000.00 | - | | 1,000,000.00 | 960,000.00 | 40,000.00 | - |
| 24 | Phase field modelling of precipitate coarsening in superalloys: Effect of composition dependent mobility | 999,200.00 | - | | 999,200.00 | | 999,200.00 | - |
| 25 | Optimization of Service Completion Time for Distributed Gradient Descent Algorithm in the Presence of Straggler Nodes | - | 397,998.66 | 500,000.00 | 102,001.34 | - | 102,001.34 | |
| 26 | Modeling of topologically interlocked high-performance composites | - | 123,112.00 | | (123,112.00) | | - | 123,112.00 |
| 27 | Compact, efficient and optimized wide bandgap semiconductor-based power converter solutions for power quality improvements. | - | 91,778.00 | | (91,778.00) | | - | 91,778.00 |
| 28 | Energy Consumption in Tribal Odisha a path towards Solar Electrification | - | 262,851.00 | | (262,851.00) | 128,615.00 | - | 391,466.00 |
| 29 | Numerical simulations of ultra-sensitive biosensing and enhanced non-linear effect in whispering gallery mode microresonators | - | 397,475.00 | | (397,475.00) | | - | 397,475.00 |
| 30 | Receiver Equalizer design for lossy serial links in CMOS Technology | - | 2,200.00 | | (2,200.00) | 385,372.00 | - | 387,572.00 |
| 31 | Design of QoS-Aware Gateway for Reliable IoT Communication Networks | - | 797,169.00 | | (797,169.00) | 39,382.00 | - | 836,551.00 |
| 32 | Experimental investigation of grid pavements placed on geosynthetic- supported soil bed | | | | - | 191,870.00 | - | 191,870.00 |
| 33 | Traces of Hecke Operators and p-ADIC Hypergeometric Functions | | | 500,000.00 | 500,000.00 | | 500,000.00 | |
| 34 | Development of Decellularized Platelet-Rich Fibrin Loaded MgP and MgS Scaffolds with Multiscale Porosity for Enhanced Bone Regeneration. | | | 500,000.00 | 500,000.00 | | 500,000.00 | |
| 35 | Stochastic Homogenisation in Micromagnetism | | | | - | 663,226.00 | - | 663,226.00 |
| 36 | Extensions of Valuations | | | 500,000.00 | 500,000.00 | 522,076.00 | - | 22,076.00 |
| 37 | Graphene Nano Ribbons (GNSs) on Metal Oxide Surfaces | | | 500,000.00 | 500,000.00 | 51,905.00 | 448,095.00 | |
| 38 | Harvesting Singlet Fission-borne Triplets through Electron Transfer at the Acene: Perovskite Interface | | | 500,000.00 | 500,000.00 | 251,732.00 | 248,268.00 | |
| 39 | Merging bifunctionalization reactions with photocatalysis | | | 500,000.00 | 500,000.00 | 144,484.00 | 355,516.00 | |
| 40 | Numerical Simulations of the 2013 Kedarnath Floods: A case study on overtopping failure of natural dams and subsequent flooding | | | 500,000.00 | 500,000.00 | - | 500,000.00 | |
| 41 | Investigation the role of emotion in processing language using behavioural measures | | | - | - | 447,539.00 | - | 447,539.00 |
| 42 | Prediction of task-fMRI activation maps from resting state-fMRI and structural MRI to enhance clinical applicability to fMRI | | | - | - | 1,045,409.00 | - | 1,045,409.00 |
| 43 | The role of farmer producer's organisation (FPOs), Cooperative Societies, and self-help groups (SHGs) in popularizing millets: evidence from Odisha | | | - | - | 16,580.00 | - | 16,580.00 |
| 44 | Algebraic properties of squarefree monomial ideals and their powers | | | - | - | 12,693.00 | - | 12,693.00 |
| 45 | Adaptive observer construction of nonlinear control systems governed by differential algebraic equations” | | | - | - | 70,848.00 | - | 70,848.00 |
| 46 | Analysis of piezoelectric and magneto-electro-elastic vibrational energy harvesters | | | - | - | 216,203.00 | - | 216,203.00 |
| | **Total:** | **9,796,739.00** | **2,072,583.66** | **4,000,000.00** | **11,724,155.34** | **5,432,860.00** | **11,205,693.34** | **4,914,398.00** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SCHEDULE - 3 (B) SPOSNSERED FELLOWSHIP AND SCHOLARSHIP

| Sl. No. | Name of the Sponsor | Opening Balance | | Tyransaction during the Year | | Closing Balance | |
|---|---|---|---|---|---|---|---|
| | | Credit | Debit | Credit | Debit | Credit | Debit |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | UGC | 1,394,048.00 | - | | | 1,394,048.00 | - |
| | CSIR | 914,106.00 | - | | | 914,106.00 | - |
| | DST | 833,307.00 | - | 4,575,131.00 | 4,768,654.00 | 639,784.00 | - |
| | NBHM/SERB NPDF | 35,871.00 | - | | | 35,871.00 | - |
| | ICMR | 58,320.00 | - | | | 58,320.00 | - |
| | **Total** | **3,235,652.00** | **-** | **4,575,131.00** | **4,768,654.00** | **3,042,129.00** | **-** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY
## BANK BALANCE AS ON 31.03.2024

| Sl. No. | Name of Bank | Account Number | Previous Year | Balance as on 31.03.2024 |
|---|---|---|---|---|
| 1 | State Bank of India | 20054905156 | 4,226,729.52 | 5,187,800.59 |
| 2 | Canara Bank | 800721600000022 | 22,325.20 | (1,036,645.00) |
| 3 | State Bank of India | 35052867155 | 103,801.00 | 106,637.00 |
| 4 | State Bank of India | 38605214766 | (4,404.30) | 2,806,100.70 |
| 5 | Bank of Moharastra | 60420734797 | (97,000.00) | - |
| 6 | Bank of Moharastra | 60422783846 | (96,900.00) | - |
| 7 | Canara Bank | 110061428613 | - | - |
| 8 | HDC Bank Ltd | 50100496964969 | - | - |
| 9 | HDC Bank Ltd (Parent Account) | 50100500627160 | - | - |
| 10 | ICICI Bank Ltd | 198501000862 | - | - |
| 11 | Uco Bank Ltd | 31850210001189 | - | - |
| 12 | Union Bank of India | 80112010001293 | - | - |
| 13 | Reserve Bank Of India(TSA) | 10687701120 | - | - |
| 14 | Reserve Bank Of India(TSA) | 10687701307 | - | - |
| 15 | ICICI Bank Ltd | 198501000863 | - | - |
| 16 | Axis Bank | 923010030417279 | - | 1,001.00 |
| | **Total** | | **4,154,551.42** | **7,064,894.29** |

# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## IIT Bhubaneswar Hostel Income & Expenditure Account for the Year Ended 31st March 2024

(Amount in ₹ )

| INCOME | CURRENT YEAR 2023-24 | PREVIOUS YEAR 2022-23 |
|---|---|---|
| **Bank Interest** | **1,163,608.27** | **1,151,683.00** |
| **Student Semister Registration Fees** | 157,471,485.00 | 141,918,509.00 |
| Boarding charges | 3,256,389.55 | 1,288,249.72 |
| Fine to Student & Contractor | 539,400.00 | 231,000.00 |
| License fees recovery | 1,153,030.00 | 1,216,900.00 |
| Other Income | - | - |
| **Total** | **163,583,912.82** | **145,806,341.72** |
| **EXPENDITURE** | **CURRENT YEAR 2023-24** | **PREVIOUS YEAR 2022-23** |
| Hostel Office Staff Salary | 11,143,583.00 | 11,331,709.00 |
| Housekeeping charges | 21,041,375.00 | 18,586,073.00 |
| Mess Expenses | 108,563,035.00 | 95,749,909.00 |
| Repair & Maintainance | 5,517,022.00 | 5,626,940.00 |
| Student Welfare | 344,165.00 | 430,654.00 |
| News Paper & Periodcals | 56,553.00 | 44,050.00 |
| Office Contingency | **2,017,086.00** | **1,398,104.00** |
| AMC Charges | 168,488.00 | 299,540.00 |
| Pest control service | 403,998.00 | 455,038.00 |
| Audit Fees | 17,700.00 | 17,700.00 |
| Printing & Stationary | 100,577.00 | 87,456.00 |
| Bank charges | 10,168.21 | 5,487.20 |
| Security Service exp | 14,785,211.00 | 12,952,281.00 |
| **Total** | **164,168,961.21** | **146,984,941.20** |

Indian Institute of Technology
Bhubaneswar