

STATEMENT OF  
**ACCOUNTS**  
2019-20



**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**



# STATEMENT OF ACCOUNTS 2019-20

**Dr. Rajendra Prasad Singh**  
Chairman, Board of Governors

**Prof. Ratnam V. Raja Kumar**  
Director

**Col (Dr.) Subodh Kumar**  
Registrar



**Indian Institute of Technology Bhubaneswar**





महानिदेशक लेखापरीक्षा (केंद्रीय) का कार्यालय  
सैफाबाद, हैदराबाद - 500 004.

OFFICE OF THE  
DIRECTOR GENERAL OF AUDIT (CENTRAL)  
SAIFABAD, HYDERABAD - 500 004.

No. DGA(C)/BO-Odisha/SAR.2019-20/IIT BBSR/2020-21/

Date- 11.03.2021

To,  
The Secretary,  
Ministry of Education, Govt. of India,  
Shastri Bhawan, New Delhi  
Pin- 110001

Sub- Separate Audit Report on the accounts of Indian Institute of Technology Bhubaneswar,  
Odisha for the year 2019-20-reg

Madam/Sir,

Separate Audit Report on the accounts of Indian Institute of Technology Bhubaneswar, Odisha  
for the year 2019-20, Annexure thereof and one copy of Annual Accounts are forwarded herewith for  
placing before both the House of Parliament.

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

Receipt of this letter along with the enclosure may kindly be acknowledged.

भवदीय,

संल:यथोपरि

Sd/-

महानिदेशक लेखापरीक्षा (केंद्रीय)

No. DGA(C)/BO-Odisha/SAR.2019-20/IIT BBSR/2020-21/539

Date- 11.03.2021

Copy to The Director, Indian Institute of Technology Bhubaneswar, At- Argul, Khordha 752050 Odisha  
along with one copy of Annual Accounts for the year 2019-20 ( English version), with a request to furnish  
the Hindi version of the approved Annual Accounts 2019-20 (2 sets), to Branch Office- Odisha

संल:यथोपरि

Deputy Director/ CRA

**SEPARATE AUDIT REPORT ON THE ACCOUNTS OF INDIAN INSTITUTE OF TECHNOLOGY (IIT), BHUBANESWAR FOR THE FINANCIAL YEAR 2019-20**

We have audited the attached Balance Sheet of the Indian Institute of Technology, Bhubaneswar as at 31 March 2020, Income & Expenditure Account and Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 23(2) of the Institutes of Technology Act, 1961. These financial statements are responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

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

4. Based on our audit, we report that:

- (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- (ii) The Balance Sheet and Income & Expenditure Account/Receipts & Payment Account dealt with by this Report have been drawn in the revised format of Accounts, prescribed by the Ministry of Human Resource Development Government of India for Central Educational Institutions.
- (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required, in so far as it appears from our examination of such books.
- (iv) We further report that:

**A. Balance Sheet:**

**A.1 Liabilities:**

**A.1.1 Current Liabilities & Provisions:Rs.1,21,51,83,735/- (Sch.-3)**

**A.1.1** The unspent balance of Rs.21.43 crore (Rs.44.82 crore – Rs.23.39 crore) as on 31<sup>st</sup> March 2020 was transferred to the Capital Fund instead of showing the same under Current Liabilities & Provisions under Schedule-3, Sub-Head Other Current Liabilities Sl. No.6 (d) Unutilized Grants. This resulted in overstatement of Capital Fund by Rs.21.43 crore and understatement of Current Liabilities under Schedule-3 of Current Liabilities & Provisions to the same extent.

**A.1.1.2** The Institute had earned interest on Grants-in-Aid (GIA) amounting to Rs.5.11 crore (interest on Syndicate Bank Main SB A/c Rs.0.13 crore & interest on Syndicate Bank Main FD Rs.4.98 crore) during the year 2019-20. It should be reflected in the Current Liabilities & Provisions under Schedule-3 under sub-head Current Liabilities Sl. No. 6 (d) un-utilized grant (Payable to Ministry) till the amount is remitted to the Ministry to be deposited in the Consolidated Fund of India.

However, instead of refunding the earned interest or depicting the refundable interest under Current Liabilities & Provisions, it was shown as income (interest earned) in the Income & Expenditure Account and expended during 2019-20 which was contrary to the provision of Rule-230 (8) of General Financial Rules (GFR), 2017.

Non-refund of interest income to the Ministry resulted in overstatement of Income/ Capital Fund by Rs.5.11 crore and understatement of Current Liabilities & Provisions to the same extent.

**Net effect of Audit Comments on Accounts:**

The net impact of audit comments given in the preceding paragraphs is understatement of current liabilities by Rs.26.54 crore and overstatement of Capital Fund to the same extent.

**B. Grants-in Aid:**

The Indian Institute of Technology (IIT), Bhubaneswar is mainly funded by the Ministry of Education, Govt. of India, New Delhi in the form of Grants-in-Aid (GIA).The total GIA available for expenditure by the Institute during the year 2019-20 was Rs.144.86 crore which included last year's unspent balance of Rs.75.29 crore, GIA received during the year Rs.64.46 crore and interest on GIA Rs.5.11 crore. Out of Rs.144.86 crore the Institute utilized Rs.114.21 crore during the year, leaving an unutilized balance of Rs.30.65 crore as on 31<sup>st</sup> March 2020.

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

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

(a) In so far as it relates to the Balance Sheet, of the state of affairs of the Indian Institute of Technology, Bhubaneswar as at 31 March 2020; and

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



**Director General of Audit (Central)**



**ANNEXURE-I**

- 1. Adequacy of Internal Audit System:** The internal audit of the Institute for the year 2019-20 was conducted by the Internal Audit Wing of the Institute constituted for the purpose.
  
- 2. Adequacy Internal Control System:** Library Issue Register, Expenditure Control Register, TA & LTC Bill Register and Medical Claim Register are not maintained manually in the prescribed format but are maintained electronically through Tally software. Presently the Institute is not having its Accounting manual but is following the instructions and guidelines contained in Formats of Financial Statements for Central Higher Educational Institutions and GFR 2017.
  
- 3. System of Physical Verification of Fixed Assets:** The Annual Physical Verification of Fixed Assets of the Institute for the year 2019-20 has been conducted by the Committee constituted for the purpose by IIT, Bhubaneswar.
  
- 4. System of Physical Verification of Inventory:** No inventory was there in the Institute for the year 2019-20.
  
- 5. Regularity in payment of statutory dues:** The Institute is regular in depositing the statutory dues with appropriate authorities.



**Dy. Director/CRA**



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# Indian Institute of Technology Bhubaneswar

## Balance Sheet as at 31<sup>st</sup> March 2020

(Amount in ₹)

Sl. No.	Sources of Funds	Schedule	Current Year 2019-20	Previous Year 2018-19
1	Capital Fund	1	8,52,73,94,999.07	8,98,87,11,229.84
2	Designated / Earmarked / Endowment Funds	2	1,18,06,61,677.99	92,97,31,080.41
3	Current Liabilities & Provisions	3	1,21,51,83,734.54	88,31,55,712.53
4	Secured Loan	3(A)	17,97,00,000.00	
<b>Total</b>			<b>11,10,29,40,411.60</b>	<b>10,80,15,98,012.78</b>

(Amount in ₹)

Sl. No.	Application of Funds	Schedule	Current Year 2019-20	Previous Year 2018-19
1	Fixed Assets	4		
	Tangible Assets		7,19,00,76,092.54	6,08,38,61,696.24
	Intangible Assets		40,98,78,801.29	35,56,58,240.81
	Capital Work-In-Progress		2,41,24,54,650.00	2,10,01,72,328.00
			<b>10,01,24,09,543.83</b>	<b>8,53,96,92,265.05</b>
	Less : Depreciation		1,57,10,22,600.17	1,30,08,58,577.50
	<b>Net Block Fixed Assets</b>		<b>8,44,13,86,943.66</b>	<b>7,23,88,33,687.55</b>
2	Investments from Earmarked / Endowment Funds	5		
	Long Term		8,74,48,807.38	10,76,80,259.00
	Short Term			
3	Investments - Others	6	-	-
4	Current Assets	7	2,08,69,33,943.53	2,05,51,81,215.69
5	Loans, Advances & Deposits	8	48,71,70,717.03	1,39,99,02,850.53
	Miscellaneous Expenditure (to the extent not written off)		-	-
<b>Total</b>			<b>11,10,29,40,411.60</b>	<b>10,80,15,98,012.78</b>

Significant Accounting Policies	23		
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**Registrar**  
IIT Bhubaneswar



**Director**  
IIT Bhubaneswar

# Indian Institute of Technology Bhubaneswar

## Income and Expenditure Account for the Year Ended 31<sup>st</sup> March 2020

(Amount in ₹)

Sl. No.	Particulars	Schedule	Current Year 2019-20	Previous Year 2018-19
<b>Income</b>				
1	Academic Receipts	9	9,09,15,059.00	8,84,77,144.00
2	Grants / Subsidies	10	54,15,00,000.00	-
3	Income from Investments	11	-	-
4	Interest earned	12	5,25,08,315.93	8,61,45,541.43
5	Other Income	13	73,24,063.79	64,74,782.84
6	Prior Period Income	14	-	(9,31,743.98)
<b>Total (A)</b>			<b>69,22,47,438.72</b>	<b>18,01,65,724.29</b>
<b>Expenditure</b>				
1	Staff Payments & Benefits	15	37,89,79,753.00	30,65,04,737.00
2	Academic Expenses	16	19,74,93,845.10	16,62,21,314.58
3	Administrative and General Expenses	17	25,63,22,610.78	23,11,80,887.23
4	Transportation Expenses	18	1,12,25,422.00	1,58,41,868.00
5	Repair & Maintenance	19	3,92,36,181.10	2,63,77,230.00
6	Finance Cost	20	3,34,200.68	2,13,117.59
7	Depreciation	4	27,05,28,870.68	23,21,04,899.78
8	Other Expenses	21	-	-
9	Prior Period Expenses	22	59,53,215.15	9,39,319.48
<b>Total (B)</b>			<b>1,16,00,74,098.49</b>	<b>97,93,83,373.66</b>
<b>Balance being excess of Income / Expenditure over Expenditure / Income (A - B)</b>			<b>(46,78,26,659.77)</b>	<b>(79,92,17,649.37)</b>
Transfer to / from Designated Fund				
Building Fund				
Others (specify)				
<b>Balance Being Surplus / (Deficit) Carried to Capital Fund</b>			<b>(46,78,26,659.77)</b>	<b>(79,92,17,649.37)</b>
Significant Accounting Policies		23		
Contingent Liabilities and Notes to Accounts		24		

  
**Registrar**  
 IIT Bhubaneswar

  
**Director**  
 IIT Bhubaneswar

# Indian Institute of Technology Bhubaneswar

## Schedules Forming Part of Balance Sheet as at 31<sup>st</sup> March 2020

### SCHEDULE-1 : Capital Fund

(Amount in ₹)

Particulars	Current Year 2019-20	Previous Year 2018-19
Balance at beginning of the year	8,98,87,11,229.84	8,55,28,15,666.21
Add: Contributions towards Capital Fund	10,31,00,000.00	1,11,33,00,000.00
Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure		
Add: Assets Purchased out of Earmarked Funds		
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution		
Add: Assets Donated / Gifts Received	-	-
Add: Other Additions (Interest earned on advance to NBCC)	66,83,657.00	12,89,19,359.00
Less: Fixed Assets donated / lost from Institute Fund	1,73,228.00	71,06,146.00
Less: Grant in Aid for HEFA Loan repayment	10,31,00,000.00	-
<b>Total</b>	<b>8,99,52,21,658.84</b>	<b>9,78,79,28,879.21</b>
Deduct: Deficit transferred from the Income & Expenditure Account	(46,78,26,659.77)	(79,92,17,649.37)
<b>BALANCE AS AT THE YEAR END</b>	<b>8,52,73,94,999.07</b>	<b>8,98,87,11,229.84</b>

## Indian Institute of Technology Bhubaneswar SCHEDULE-2 : Designated / Earmarked Funds / Endowment Funds

(Amount in ₹)

Particulars	Fund Wise Break Up					Total	
	Corpus Fund		Student Brotherhood Fund (SBF)	Endowment Fund	Current Year 2019-20	Previous Year 2018-19	Total
	Institute	R & D					
<b>A.</b>							
a) Opening Balance of the Funds	79,37,13,366.81	4,16,01,055.36	49,63,990.00	8,94,52,658.24	92,97,31,070.41	70,89,71,281.57	
b) Additions during the Year		-		-	-	40,79,733.60	
c) Income from Investments made on account of Funds	5,40,88,791.16	2,37,740.58	-	65,81,411.38	6,09,07,943.12	3,32,29,026.91	
d) Accrued Interest on investment / Advances							
e) Interest on Savings Bank Account	7,336.04			1,22,761.93	1,30,097.97	5,07,816.31	
f) Other additions (specify nature)							
i) Donations / Grants/Adjustment	18,05,00,844.49	1,03,00,747.00	8,08,200.00		19,16,09,791.49	18,47,93,460.02	
<b>Total (A)</b>	<b>1,02,83,10,338.50</b>	<b>5,21,39,542.94</b>	<b>57,72,190.00</b>	<b>9,61,56,831.55</b>	<b>1,18,23,78,902.99</b>	<b>93,15,81,318.41</b>	
<b>B.</b>							
c) Utilisation / Expenditure towards objectives of Funds							
i) Capital Expenditure							
Fixed Assets					-	-	
Others					-	-	
<b>Total</b>					-	-	
ii) Revenue Expenditure*							
Salaries, Wages and allowances etc.	3,73,736.00				3,73,736.00	-	
Rent							
Other Administrative Expenses				13,43,489.00	13,43,489.00	18,50,238.00	
<b>Total</b>							
<b>Total (B)</b>	<b>3,73,736.00</b>			<b>13,43,489.00</b>	<b>17,17,225.00</b>	<b>18,50,238.00</b>	
<b>Closing Balance As At The Year End (A-B)</b>	<b>1,02,79,36,602.50</b>	<b>5,21,39,542.94</b>	<b>57,72,190.00</b>	<b>9,48,13,342.55</b>	<b>1,18,06,61,677.99</b>	<b>92,97,31,080.41</b>	

## Indian Institute of Technology Bhubaneswar

### SCHEDULE-2 : Designated / Earmarked Funds / Endowment Funds (Contd...)

(Amount in ₹)

Particulars	Fund Wise Break Up				Total	
	Corpus Fund		Student Brotherhood Fund (SBF)	Endowment Fund	Current Year 2019-20	Previous Year 2018-19
	Institute	R & D				
<b>Represented by</b>						
<b>Cash and Bank Balances</b>		<b>7,64,978.22</b>		<b>3,26,320.99</b>	<b>10,91,299.21</b>	
<b>Investments</b>		<b>1,04,27,08,444.23</b>		<b>8,74,48,807.38</b>	<b>1,13,01,57,251.61</b>	
<b>Interest accrued but due</b>		<b>-</b>		<b>-</b>	<b>-</b>	
<b>Total (B)</b>		<b>1,04,34,73,422.45</b>		<b>8,77,75,128.37</b>	<b>1,13,12,48,550.82</b>	<b>-</b>

#### Notes

- 1 Institute created Corpus fund as per BOG Agenda No- BOG-15-28. In the financial Year 2015-16 amount received way of student Fee, miss income, Liquidate damage, interest on security and interest on student Fees were transferred to Corpus fund.
- 2 As per Student Brotherhood Fund Policy (SBFP) we have calculated Fees collected from SBF, Fine from student, Fine & other charges collect from student(Xerox copy charges) through Central Library.
- 3 Fund AA :Provision (80% of Income as per MOU) is made for payment of Salaries, Wages, allowances Creation of Assets and other expenses & balance 20% will be capitalised.
- 4 Fund CC :Provision (75% of Income as per MOU) is made for payment of Salaries, Wages, allowances Creation of Assets and other expenses & balance 25% will be capitalised.
- 5 Fund DD : Provision (80% of Income as per MOU) is made for payment of Salaries, Wages, allowances Creation of Assets and other expenses & balance 20% will be capitalised.

Fund AA : MGM Endowment Fund

Fund BB : Best B. Tech thesis in Electrical & Mechanical Science (MGM Fund Tejwasi & Dinesh Award)

Fund CC : Best out going student (Fund T. V. Mohandas Pai)

Fund DD : B K Dey Memorial Award of Most Innovative Project (Fund Piyali De)

Fund EE : S K BET Endowment fund Fund AA : MGM Endowment Fund

Fund BB : Best B. Tech thesis in Electrical & Mechanical Science (MGM Fund Tejwasi & Dinesh Award)

Fund CC : Best out going student (Fund T. V. Mohandas Pai)

Fund DD : B K Dey Memorial Award of Most Innovative Project (Fund Piyali De)

Fund EE : S K BET Endowment fund



# Indian Institute of Technology Bhubaneswar

## SCHEDULE-2A : Endowment Funds

(Amount in ₹)

Sl No.	2.Name of the Endowment	Opening Balance 2019-20		Additions during the year 2019-20		Total		9.Expenditure on the object during the year 2019-20	Closing Balance 2019-20		Total (10+11) 2019-20
		3. Endowment	4. Accumulated Interest	5. Endowment	6. Interest	7. Endowment (3+5)	8. Accumulated Interest (4 + 6)		10. Endowment	11. Accumulated Interest	
1	MGM Endowment Fund	3,00,00,000.00	1,44,09,182.69	-	29,43,556.71	3,00,00,000.00	1,73,52,739.40	11,22,115.00	3,00,00,000.00	1,62,30,624.40	4,62,30,624.40
2	Best B. Tech thesis in Electrical & Mechanical Science [MGM Fund Tejwasi & Dinesh award]	4,00,000.00	79,980.11	-	33,667.39	4,00,000.00	1,13,647.50	20,000.00	4,00,000.00	93,647.50	4,93,647.50
3	Best Outgoing Student [Fund T. V. Mohandas Pai]	10,00,000.00	1,86,743.46	-	84,145.11	10,00,000.00	2,70,888.57	60,000.00	10,00,000.00	2,10,888.57	12,10,888.57
4	B K Dey memorial award of most innovative project [Fund Piyali De]	16,00,000.00	2,83,218.87	-	1,28,372.68	16,00,000.00	4,11,591.55	1,41,374.00	16,00,000.00	2,70,217.55	18,70,217.55
5	S K BET Endowment Fund	3,00,00,000.00	1,13,55,713.65	-	35,05,003.40	3,00,00,000.00	1,48,60,717.05	-	3,00,00,000.00	1,48,60,717.05	4,48,60,717.05
6	Abhijit Gangopadhyay	1,28,140.00	9,679.46	-	9,428.02	1,28,140.00	19,107.48	-	1,28,140.00	19,107.48	1,47,247.48
	<b>Total</b>	<b>6,31,28,140.00</b>	<b>2,63,24,518.24</b>	<b>-</b>	<b>67,04,173.31</b>	<b>6,31,28,140.00</b>	<b>3,30,28,691.55</b>	<b>13,43,489.00</b>	<b>6,31,28,140.00</b>	<b>3,16,85,202.55</b>	<b>9,48,13,342.55</b>

Fund AA : MGM Endowment Fund

Fund BB : Best B. Tech thesis in Electrical & Mechanical Science (MGM Fund Tejwasi & Dinesh Award)

Fund CC : Best out going student [Fund T. V. Mohandas Pai]

Fund DD : B K Dey Memorial Award of Most Innovative Project [Fund Piyali De]

Fund EE : S K BET Endowment Fund

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3 : Current Liabilities and Provisions

(Amount in ₹)

		Current Year 2019-20	Previous Year 2018-19
<b>A.</b>	<b>CURRENT LIABILITIES</b>		
1	Deposits from Staff	-	-
2	Deposits from Students		
	i) Hostel Fees (Caution Money)	84,82,425.00	69,56,425.00
	ii) Institute (Caution Money)	54,98,385.00	45,44,635.00
	iii) Library Fee (Caution Money)	55,29,750.00	45,76,000.00
	iv) Ph.D. (Caution Money)	46,000.00	36,000.00
	v) Joint M.Tech (Caution Money)	-	10,000.00
	vi) Mess (Caution Money)	68,96,146.00	57,51,646.00
	vii) Other (Caution Money)	26,000.00	-
	viii) M.Sc (Caution Money)	-	20,000.00
3	Sundry Creditors	-	
	a) For Goods & Services	4,18,08,884.06	2,46,32,751.04
	b) Others	8,72,60,696.43	4,98,36,432.52
4	Deposits-Others (including EMD, Security Deposits)	-	
	i) EMD	1,21,64,735.73	1,03,79,741.00
	ii) Performance Security (in lieu of PBG)	97,33,767.95	65,22,817.01
	iii) Security Deposit Received	14,10,29,122.00	33,71,108.00
	iv) Advances Received	1,66,702.00	1,66,702.00
	v) JEE (Advance) Organisation Expenses	12,23,305.49	12,47,236.49
	vi) Advances Received from R&D / SRIC	-	-
5	Statutory Liabilities:	-	
	a) Duties & Tax	1,80,481.00	59,696.00
	b) Others (ANNEXURE I)	13,23,316.00	13,54,730.00
6	Other current Liabilities		
	a) Salaries	3,54,37,149.00	2,89,62,630.00
	b) Receipts against Sponsored Projects (R&D)	22,79,90,222.23	26,92,38,932.46
	c) Receipts against Sponsored Fellowship & Scholarship	12,82,089.00	13,53,705.00
	c) Receipts against Sponsored Fellowship & Scholarship (R&D)	42,08,287.00	38,73,644.00
	d) Withheld GST from Parties	11,86,345.00	-
	e) HEFA Loan Interest Payable	5,62,934.00	-
	f) Guest House	4,42,305.00	-
	g) Other Liabilities	1,77,20,954.19	1,03,60,184.19
	i) Stale Cheque (wrong Bank A/c No)	2,39,869.00	2,39,869.00
	ii) PDA - CSIR	30,000.00	30,000.00
	iii) DST Grant	1,51,763.00	1,51,763.00

## Indian Institute of Technology Bhubaneswar

### SCHEDULE-3 : Current Liabilities and Provisions (Contd...)

(Amount in ₹)

	Current Year 2019-20	Previous Year 2018-19
iv) SRIC / R&D Liabilities	41,82,75,813.07	33,00,34,430.78
v) Hostel Current Liabilities	1,93,82,783.19	1,79,72,204.30
vi) Sponsorship for Wissenaire	94,000.10	69,000.10
vii) Student Insurance Claim	11,730.00	11,730.00
viii) CEP Liabilities	4,31,07,095.72	53,66,920.18
ix) Construction of OBC Hostel	1,79,60,698.51	1,58,63,865.55
x) Start-up Center IIT Bhubaneswar	11,68,678.01	8,28,069.01
xi) JAM Fees Receivable Joint M.Sc. Ph.D.	-	2,70,000.00
xii) JEE Fee receivable	19,08,500.00	9,78,500.00
xiii) NBCC (India) Ltd	4,17,49,461.00	-
xiv) NSS Fund	1,50,291.11	1,05,395.95
xv) Performance Fund	31,37,847.00	30,257.00
xvi) IIT Hostel	-	-
<b>Total (A)</b>	<b>1,15,75,68,531.79</b>	<b>80,52,07,020.58</b>
<b>B. PROVISIONS</b>		
1 For Taxation	-	-
2 For Gratuity	-	-
3 Superannuation / Pension	-	-
4 Accumulated Leave Encashment	-	-
5 Trade Warranties / Claims	-	-
6 Others (Specify)	-	-
i) Outstanding Telephone Charges	-	-
ii) Expenses Payable (Misc.)	4,01,54,877.62	5,75,22,472.90
iii) Provision for Expenses - Endowment Fund	-	-
iv) Provision for SKBET Centre	-	-
v) S K BET Center Fund	1,55,98,539.03	1,87,92,441.03
vi) S K Bet Current Liabilities	13,76,080.00	16,07,038.92
vii) Gymkhana Liabilities	4,85,706.10	26,739.10
viii) Provision for Assistance to Research & Ph.D. Scholar	-	-
<b>Total (B)</b>	<b>5,76,15,202.75</b>	<b>7,79,48,691.95</b>
<b>Total (A+B)</b>	<b>1,21,51,83,734.54</b>	<b>88,31,55,712.53</b>

### SCHEDULE-3A : Secured Loan

(Amount in ₹)

Name of the Party	Current Year 2019-20	Previous Year 2018-19
Higher Education Financing Agency (HEFA)	17,97,00,000.00	-
<b>Total</b>	<b>17,97,00,000.00</b>	<b>-</b>

# Indian Institute of Technology Bhubaneswar

## ANNEXURE -I : Statutory Liabilities (Others)

(Amount in ₹)

Name of the Party	Current Year 2019-20	Previous Year 2018-19
Labour Cess	-	22,080.00
Professional Tax Payable	1,125.00	18,900.00
New Pension Scheme	7,42,113.00	6,65,193.00
<b>TDS Payable</b>	-	
TDS Payable (Contractor)	3,51,730.00	5,15,725.00
TDS Payable (Professional)	24,785.00	1,04,974.00
TDS Payable (Rent)	-	4,200.00
TDS on Salary	2,03,563.00	23,658.00
Entry Tax Payable	-	-
<b>Total</b>	<b>13,23,316.00</b>	<b>13,54,730.00</b>

# Indian Institute of Technology Bhubaneswar

## RESEARCH & DEVELOPMENT

### FINANCIAL STATEMENT / BALANCE SHEET as at 31<sup>st</sup> March 2020

(Amount in ₹)

Liabilities	Previous Year 2018-19	Current Year 2019-20	Amount (Rs.)
<b>Project Balance</b>			
Sponsored Research Project {Sch - 3A (1)}	24,24,78,292.50	(4,69,29,087.47)	19,55,49,205.03
Sponsored Consultancy Receipt {Sch - 3A (2)}	2,42,09,442.96	56,42,858.20	2,98,52,301.16
Seed Money Grant {Sch - 3A (3)}	(28,63,835.66)	(19,48,031.00)	(48,11,866.66)
Sponsored Fellowship	38,73,644.00	3,34,643.00	42,08,287.00
<b>Project Assets</b>			
Sponsored Research Project	18,46,46,918.18	5,32,13,349.80	23,78,60,267.98
Asset in Transit	-	-	-
Asset R&D	5,29,521.00	5,32,797.00	10,62,318.00
Seed Money Project	3,54,55,191.21	15,64,277.00	3,70,19,468.21
<b>Interest Received From Bank</b>	-	-	-
Bank Interest	1,41,90,658.52	41,38,642.39	1,83,29,300.91
Accrued Interest	3,42,34,164.82	1,82,95,730.62	5,25,29,895.44
Tender Fee	4,34,500.00	17,500.00	4,52,000.00
PDF Application Fees	14,250.00	-	14,250.00
<b>Other Liabilities:</b>			-
Demurrage Charges	1,399.00	-	1,399.00
Grant to Spoke Institute (DIC)	49,50,000.00	-	49,50,000.00
Other Liabilities:	15,73,065.00	81,030.00	16,54,095.00
Sundry Creditor	1,29,92,362.00	61,35,556.00	1,91,27,918.00
Stale Cheque	2,82,685.00	2,27,654.64	5,10,339.64
Liquidated Damages	33,58,251.89	3,99,209.00	37,57,460.89
Performance Bank Guarantee (PBG)	14,87,221.98	(2,65,322.98)	12,21,899.00
Duty & Tax	1,00,66,249.00	28,53,764.00	1,29,20,013.00
Institute Overhead	1,09,46,690.18	(6,45,943.18)	1,03,00,747.00
School Development Fund	74,69,641.00	21,62,444.00	96,32,085.00
Faculty Development Fund	37,82,859.00	11,72,694.00	49,55,553.00
Earnest Money Deposit (EMD)	35,95,700.00	(16,42,000.00)	19,53,700.00
Workshop	23,103.00	-	23,103.00
<b>Total Liabilities</b>	<b>59,77,31,974.58</b>		<b>64,30,73,739.60</b>

# Indian Institute of Technology Bhubaneswar

## RESEARCH & DEVELOPMENT

### FINANCIAL STATEMENT / BALANCE SHEET as at 31<sup>st</sup> March 2020 (Contd...)

(Amount in ₹)

Assets	Opening	Addition / Modification	Amount (Rs.)
<b>Fixed Assets:</b>	<b>22,06,35,624.39</b>	<b>5,53,10,423.80</b>	<b>27,59,46,048.19</b>
Equipment	19,32,21,636.93	5,44,86,811.80	24,77,08,448.73
Asset in Transit	-	-	-
Office Equipment	48,225.00	2,01,540.00	2,49,765.00
Workstation / Computer	2,10,40,166.46	5,30,015.00	2,15,70,181.46
Furniture & Fixture	27,58,497.00	33,557.00	27,92,054.00
Accessories	5,23,708.00	-	5,23,708.00
Software	30,43,391.00	58,500.00	31,01,891.00
<b>Current Assets:</b>			
Advance	9,76,644.27	4,34,173.53	14,10,817.80
Grant to Spoke Institute	49,50,000.00	-	49,50,000.00
Debtors	4,64,531.17	(3,54,946.00)	1,09,585.17
Tax Deducted at Source (TDS)	25,60,725.00	22,89,248.00	48,49,973.00
Goods & Service Tax (TDS)	36,199.00	48,405.00	84,604.00
Term Deposit	29,23,58,215.82	3,74,96,138.62	32,98,54,354.44
<b>Bank A/c:</b>	<b>7,57,50,034.93</b>		<b>2,58,68,357.00</b>
SBI A/c-20054905156		50,27,786.22	
Syndicate Bank A/c-800721600000022		1,78,31,792.78	
SBI A/c No.-35052867155		-24,835.00	
SBI A/c No.-38605214766		30,33,613.00	
<b>Total Assets</b>	<b>59,77,31,974.58</b>	<b>10,02,51,229.17</b>	<b>64,30,73,739.60</b>

## SCHEDULE-3A 1 : Sponsored Project

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
1	Synthesis and study of thermoelectric properties of Half - Heusler Alloys with non - trivial topological order	BRNS	28,649.00	-	(28,649.00)	-	-	28,649.00	
2	Center of Excellence for Novel Energy Materials (CENEMA)	MHRD	7,15,908.00	-	2,25,00,000.00	22,13,597.00	2,10,02,311.00		
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	Development and application of extended range forecast system for climate risk management in Agriculture phase - II	DAC	1,58,749.00	4,762.00	1,63,511.00	1,63,511.00	-		
5	Re-engineering of walking type reaper binder	DA&FP	8,92,899.00	-	8,92,899.00	-	8,92,899.00		
6	Design, Synthesis and biological evaluation of novel Ftsz inhibitors a potential anti tubercular agents	DBT	3,390.00	-	3,390.00	-	3,390.00		-
7	"CFD Modelling of 76mm Naval Gun Projectile Motion in Aid of Range enhancement"	DRDO	89,753.00	-	89,753.00	-	89,753.00		
8	Influence of osmolytes on the structure, dynamics and hydrogen bond properties of water in aqueous solution and other aqueous binary mixtures at different thermodynamic conditions	DST	3,000.00	-	3,000.00	-	3,000.00		
9	Integration and intelligent management of renewable via ICT for smart Micro-Grid networks	DST	4,91,003.00	11,72,931.00	6,81,928.00	6,81,928.00	-		
10	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		
11	Hydraulics of submerged structures subjected to shallow submergence	DST	6,168.00	-	6,168.00	-	6,168.00		
12	Decoupled LTI and periodic compensation of Quadruple - Tank process: Experimental studies.	DST	-	1,49,415.00	-	-	-	1,49,415.00	
13	Enhancement of Bandwidth of planar Antennas using Electromagnetic Bandgap Structures	DST	-	949.00	-	-	-	949.00	

## Indian Institute of Technology Bhubaneswar

### SCCHEDULE-3A 1 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
14	Investigation on the field and laboratory corrosion behaviour of steel in structural concretes	DST	1,23,163.00	-		1,23,163.00	-	1,23,163.00	-
15	Characterization of granular Lateritic Soils for Mechanistic Design of Payments	DST	-	1,504.00	1,77,504.00	1,76,000.00	1,76,000.00	-	-
16	Robust Nonlinear Channel Equalization and Identification using Bio-inspired techniques.	DST	1,20,003.00	-	-	1,20,003.00	-	1,20,003.00	-
17	Asymmetric synthesis of embellished carbocycles from carbohydrates via intra-molecular 1.3 Dipolar cycloaddition reaction: studies towards total synthesis of naplanosine F.	DST	4.00	-	-	4.00	-	4.00	-
18	Novel Hypereute Al-si-mg alloys for automotive applications	DST	8,070.00	-	-	8,070.00	-	8,070.00	-
19	Improved under-standing and representation of land surface processes for short, medium and long range prediction of monsoon rainfall	IITM	2,83,182.00	-	-	2,83,182.00	2,83,182.00	-	-
20	National Initiative for Design Innovation	MHRD	1,49,29,604.00	-	-	1,49,29,604.00	79,06,261.00	70,23,343.00	-
21	Investigations of Aerosol Outflow from Indo Gangetic Plain	ISRO	7,97,180.00	-	20,00,000.00	27,97,180.00	4,54,022.00	23,43,158.00	-
22	Improving groundwater levels and quality through enhanced water use efficiency in eastern Indian Agriculture	ITRA	9,85,798.00	-	-	9,85,798.00	9,85,798.00	-	-
23	Synthesis, Characterisation and development of red mud-fly ash based geopolymer concrete	NALCO	1,48,793.00	-	6,95,200.00	8,43,993.00	1,48,793.00	6,95,200.00	-
24	Project Liability		24,74,393.00	-	-	24,74,393.00	25,47,200.00	(72,807.00)	-
25	Analysis & Design of acoustic absorber linings for underwater application	NPOL	1,22,930.00	-	-	1,22,930.00	-	1,22,930.00	-
26	Intra-molecular 1,3-dipolar cycloaddition of nitrile oxide to embellished bicyclo [2.2.2] octenones and its derivatives: studies on the synthesis of isotwistane framework of pupukeananes	Utkal University	23.00	-	-	23.00	-	23.00	-



# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd....)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
27	Study on the development of ultra-sensitive optical fiber accelerometer based on Fiber Bragg grating (FBG) written Traped Thin-Core Fiber	RCI	25,750.00	-	-	25,750.00	-	25,750.00	
28	Optimization HIP process conditions for 9Cr and 18Cr ODS steel powder	UGC-DAE	79,819.00	-	-	79,819.00	-	79,819.00	
29	"Southampton & National Oceanography centre IIT Bhubaneswar UMASS Dartmouth-Earth, Ocean & climate Science"	UKIERI	1,56,297.00	-	-	1,56,297.00	-	1,56,297.00	
30	Neutron Diffraction studies of fields induced magnetic transmission in Er5si3	UGC-DAE	12,719.00	-	-	12,719.00	-	12,719.00	
31	Establishment of Coastal Ocean Observatory at the Innovation Centre for Climate Change (IC3) and Capacity Building of School of Earth, Ocean and Climate Sciences	Ministry of Earth Sciences	5,35,99,330.54	-	-	5,35,99,330.54	5,35,99,330.54	-	
32	Special Manpower Development Program for Chips to System Design (SMDP-C2SD)	DEITY	1,94,377.00	-	11,00,000.00	12,94,377.00	7,41,836.00	5,52,541.00	
33	Solar Powered DC System for Domestic Electrification and Rural Application	OREDA		54,000.00	-	(54,000.00)	-	-	54,000.00
34	Design and implementation of MIMO based transceiver for emergency applications	DST	4,88,561.00	-	-	4,88,561.00	2,00,010.00	2,88,551.00	
35	Computer vision guided mass gathering surveillance using crowd flow analysis	DST	65,605.00	-	-	65,605.00	65,605.00	-	-
36	Development of Higher Order Compact Scheme to capture Taylor column phenomena in rotating fluids	DST		89,459.00	-	(89,459.00)	-	-	89,459.00
37	Development and Analysis of the space-time optimized dispersion relation preserving (DRP) scheme suitable for high performance computing of fluid flows	DST		13,540.00		(13,540.00)			13,540.00
38	Pool Boiling Crisis on Porous Coated Surface: An Experimental Study and Model Development	DST	1,69,686.00	-	-	1,69,686.00	-	1,69,686.00	

## Indian Institute of Technology Bhubaneswar

### SCCHEDULE-3A 1 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
39	Quantifying the impact of urbanisation and climate change on the microclimate of Bhubaneswar	DST UKIERI	2,38,407.00	-	-	2,38,407.00	-	2,38,407.00	-
40	Seasonal and inter-annual variability of Relative Heat Content (RHC) in the Indian Ocean	ISRO	1,58,302.00	-	-	1,58,302.00	1,58,302.00	-	-
41	Performance Evaluation of Pavements with Stabilized Bases/Sub-bases for Rural Roads	NRRDA	5,27,810.00	-	-	5,27,810.00	-	5,27,810.00	-
42	Establishment of Innovation-cum-Incubation Centre at IIT Bhubaneswar	Planning & Coordination Dept. Odisha	7,75,527.00	-	-	7,75,527.00	-	7,75,527.00	-
43	Visveswaraya Ph.D. Scheme	Deity	38,271.00	-	3,94,729.00	4,33,000.00	4,19,854.00	13,146.00	-
44	Simulation of coastal circulation on North-West Bay of Bengal	DST	-	23,125.00	-	(23,125.00)	-	-	23,125.00
45	Design and Development of heterometallic complex of ruthenium iridium and palladium and their chemical and biological aspects	DST	1,06,401.00	-	-	1,06,401.00	1,06,401.00	-	-
46	Development of a general synthetic approach directed towards the total synthesis of bioactive iridoid class of terpenoids	DST	(2,51,896.00)	-	2,51,896.00	-	-	-	-
47	Study of Wetting and De-Wetting Transition for Fog-Water Harvesting	DST Inspire	3,77,801.00	-	-	3,77,801.00	3,77,801.00	-	-
48	Development of Deep Hole Drilling Technique for Measurement of Residual Stresses and its Validation	BRNS	30,419.00	-	-	30,419.00	210.00	30,209.00	-
49	Fabrication and characterisation of CVD diamond detectors for plasma diagnostics in nuclear fusion reactors	BRNS	1,51,921.00	-	-	1,51,921.00	61,215.00	90,706.00	-
50	Modelling of Chemical Vapour Infiltration (CVI) process for Fabrication of Carbon Reinforced Carbon Matrix Composites	DRDO	1,88,516.00	-	-	1,88,516.00	17,900.00	1,70,616.00	-

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd....)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
51	Diesel engine Emission Control using Electrical Discharge based Technique for Clean Environment:(AI)Non-Conventional Approach	DST	9,17,815.00	-	-	9,17,815.00	6,79,422.00	2,38,393.00	-
52	Compact Muon Solenoid (CMS) Upgrade, Operation and Utilization	DST	22,18,759.00	-	-	22,18,759.00	3,67,816.27	18,50,942.73	
53	A bound-state electronic structure theory approach to investigate the electron detachment initiated by light	DST	6,79,203.00	-	-	6,79,203.00	6,80,438.72	-	1235.72
54	Study of the effects of Climate Change on Hydro-meteorological processes: Droughts and Floods at Different Spatial and Temporal Scales in Eastern India	DST	31,68,520.00	-	19,50,000.00	51,18,520.00	41,36,578.00	9,81,942.00	
55	Design and implementation of High-speed low-power embedded signal processor-based custom power devices for power quality improvement	DST	5,07,530.00	-	2,28,670.00	7,36,200.00	5,26,478.00	2,09,722.00	
56	Rice mill wastewater treatment and bio-electricity generation in low cost microbial fuel cell employing ceramic separator	DST	3,255.00	-	7,00,000.00	7,03,255.00	6,73,142.00	30,113.00	
57	Development of enhanced hydrophobic tube bundle with low pressure drop for two phase shell and tube heat exchanger	DST	83,765.00	-	7,32,307.00	8,16,072.00	10,47,670.00	-	2,31,598.00
58	Bioelectricity recovery during treatment of kitchen waste in combined leach bed reactor and low cost microbial fuel cell	DST	1,44,045.00	-	5,80,660.00	7,24,705.00	5,00,668.00	2,24,037.00	
59	Greywater treatment and reuse by combined sequencing batch reactor and solar photocatalytic reactor	DST	3,87,099.00	-	4,46,951.00	8,34,050.00	6,63,864.00	1,70,186.00	
60	Droplet impact and splashing on oblique surface	DST		32,239.00	-	(32,239.00)	1,555.00		33,794.00
61	"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	

## Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
62	Real time Implementation of Image Fusion Algorithms for IR and CCD Video	ITR Chandipur	29,265.00	-	-	29,265.00	29,265.00	-	-
63	Utilization of ITR Doppler Weather Radar Products in High Resolution Mesoscale Model for Prediction of Severe Weather Over Chandipur	ITR Chandipur	971.00	-	80,000.00	80,971.00	80,971.00	-	-
64	Aeronautic Telemetry Channel Estimation and Equalization	ITR Chandipur	3,29,507.00	-	-	3,29,507.00	3,29,507.00	-	-
65	Driver behaviour modelling for autonomous driving	KPIT Technology Ltd	3,37,058.00	-	-	3,37,058.00	3,25,451.00	11,607.00	-
66	Atomic Scale Aluminium as Interconnects in Electronic devices	NALCO	10,99,605.00	-	7,68,000.00	18,67,605.00	2,42,176.00	16,25,429.00	-
67	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	9,63,860.00	-	12,24,000.00	21,87,860.00	9,76,443.00	12,11,417.00	-
68	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	-
69	Structural studies on the interaction of hc5a with the N-terminus peptides of C5aR and C5L2 receptor	DST	13,658.00	-	8,00,000.00	8,13,658.00	8,12,254.00	1,404.00	-
70	Design and Development of Optical Microfiber based Acoustic Sensors for Under / Over-Water Applications	DST	11,19,271.54	-	-	11,19,271.54	5,28,717.82	5,90,553.72	-
71	Role of cloud physics and dynamics on lifecycle of monsoon low pressure using high resolution observation and modelling	DST	8,27,953.68	-	7,00,000.00	15,27,953.68	15,36,061.00	-	8,107.32
72	Recycling of cast alloys scraps to produce alloys with comparable micro-structure and properties as that of primary alloys	UAY of MHRD & NALCO	82,646.00	-	-	82,646.00	82,646.00	-	-

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd....)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
73	Optimization Of Silos, Bins And Hoppers Designs Through Modelling, Primarily Intended For Iron Ore Storage	UAY of MHRD & NMDC	56,50,822.00	-	-	56,50,822.00	16,61,285.00	39,89,537.00	
74	Magnetic properties of self-assembled bivalent, trivalent and mixed-valent [2x2] transition metal grids	UGC-DAE	2,46,600.00	-	-	2,46,600.00	-	2,46,600.00	
75	Study of hybrid improper ferroelectricity in layered perovskites by high resolution neutron diffraction techniques	UGC-DAE	3,41,766.00	-	-	3,41,766.00	2,31,440.00	1,10,326.00	
76	Design development of light weight wearable wireless acoustic wave sensor array based audio-visual digital stethoscope device	DST	5,34,356.00	-	23,651.00	5,58,007.00	2,02,038.00	3,55,969.00	
77	Ion irradiation induced modification of one-dimensional functional nano-materials	BRNS	1,12,328.00	-	4,97,671.00	6,09,999.00	5,50,216.00	59,783.00	-
78	Design and Development of Affordable and Movable Solar Photovoltaic (SPV) Water Pumping System	DA&FP	64,01,744.00	-	-	64,01,744.00	7,624.00	63,94,120.00	-
79	Techniques and tools for verification of network security policies based on formal methods to assess security of networks	DRDO	2,56,022.00	-	-	2,56,022.00	3,63,300.00	-	1,07,278.00
80	Synthesis of some natural marine pyrrole alkaloids and molecules inspired from them for multi-drug resistance [MDR] Cancer Cells	CSIR	2,32,467.00	-	7,62,021.00	9,94,488.00	6,69,424.00	3,25,064.00	
81	Online Target Scoring system for consistency trails with scintillation removal in images	DRDO	1,12,829.00	-	4,00,000.00	5,12,829.00	2,59,651.00	2,53,178.00	
82	Brush less DC machine based solar pumping system	DST	33,171.00	-	17,00,000.00	17,33,171.00	8,38,263.00	8,94,908.00	
83	Design and analysis of reactor for catalytic co-pyrolysis of biomass and plastic:(A)treatment technique for mixed solid waste	DST	5,81,386.00	-	5,21,380.00	11,02,766.00	5,56,587.00	5,46,179.00	
84	Si/SiC Hybrid semiconductor based solid state transformer for PV application	DST	4,77,619.00	-	4,21,460.00	8,99,079.00	5,92,257.00	3,06,822.00	

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
85	Growth and characterization of semiconductor graphene hybrid nanosheets for sola cell applications	DST	5,76,253.00	-	-	5,76,253.00	8,15,002.00	-	2,38,749.00
86	Development of Speech Interface for Form-filling Application in Five Indian Languages	MEIT	12,95,503.00	-	-	12,95,503.00	9,07,812.00	3,87,691.00	
87	Measures for Improving the Attractiveness of Pedestrian Facility Accessing Urban Local Bus Stops	MHRD	10,95,078.74	-	2,25,000.00	13,20,078.74	5,21,050.00	7,99,028.74	
88	UI-ASSIST: US-India collaborative for smart distribution system with storage	IUSSTF	2,71,26,864.00	-	8,35,566.00	2,79,62,410.00	88,81,802.00	1,90,80,608.00	
89	Estimation of upwelling indices and study of propagating ocean fronts in the Indian and Global Oceans utilizing SCATSAT-1 gridded wind fields	ISRO	6,09,262.00	-	4,50,000.00	10,59,262.00	6,22,647.00	4,36,615.00	
90	Design and study of Nano and micro displacement sensor based on Photonic Crystal Fiber modal interferometer	ISRO	17,29,566.00	-	-	17,29,566.00	5,98,116.00	11,31,450.00	
91	Numerical simulation of sub-mesoscale features along Odisha coast using SCATSAT winds	ISRO	53,672.00	-	7,80,000.00	8,33,672.00	8,09,452.00	24,220.00	
92	Detection of lighting phenomena and associated process and its now casting	ISRO	30,405.00	-	-	30,405.00	15,724.00	14,681.00	
93	Treatment for domestic wastewater using microphyte assisted vermifiltration system	MHRD	4,65,723.00	-	-	4,65,723.00	4,60,347.00	5,376.00	
94	UK India clean energy research institute (UKICERI)	MHRD	7,52,899.00	-	-	7,52,899.00	6,46,428.00	1,06,471.00	
95	Characterization studies of Nano-enhanced Phase Change Material (NEPCM) in thermal storage devices for sustainable building designs in India	DST	13,88,000.00	-	50,000.00	14,38,000.00	13,15,503.00	1,22,497.00	
96	Impact Assessment of climate change on Hydrometeorological processes and water resources of Mahanadi river basin	DST	2,24,857.00	-	6,01,560.00	8,26,417.00	2,99,215.00	5,27,202.00	
97	Materials and related storage devices for grid-deprived communities	DST	5,74,782.00	-	-	5,74,782.00	4,82,804.00	91,978.00	

## SCHEDULE-3A 1 : Sponsored Project (Contd....)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
98	Investigation on quantification and prevention of high residual stresses and hydrogen assisted cracking in creep strength enhanced ferritic steel welds for low pollution ultra supercritical power plant applications	DST	6,24,746.00	-	-	6,24,746.00	1,46,803.00	4,77,943.00	
99	Value added Electrochemical Devices from Zircon Obtained from Beach Sands of Odisha	DST	12,54,886.00	-	-	12,54,886.00	10,61,121.00	1,93,765.00	
100	Estimation of morphodynamicity and its remedial action using red-mud based concrete at coastal zone of Eastern Odisha	Ministry of Mines	12,27,765.00	-	-	12,27,765.00	1,00,089.64	11,27,675.36	
101	Performance Improvement of Steam Generator through the Enhanced Hydrophobic Surface	CPRI	12,56,049.00	-	-	12,56,049.00	6,94,188.00	5,61,861.00	
102	Assessment and improvement of rainfall forecast skills over the state of Odisha with special reference to Mahanadi and Brahmani-Baitarani river system	CSIR	3,16,000.00	-	-	3,16,000.00	1,44,000.00	1,72,000.00	
103	Development of dppz Based Mononuclear Complexes of Iridium and Gold as Ptenial Luminescent Probe and Anticancer Agent	CSIR	9,00,000.00	-	-	9,00,000.00	9,14,955.00	-	14,955.00
104	Decoding the factors controlling the variations in 'metal-package' within W-Sn-polymetallic province of Erinpura-Malani igneous suite, India	DST	11,10,090.00	-	-	11,10,090.00	5,77,412.50	5,32,677.50	
105	Design and Development of Co-axial Synthetic Jet for Electronics Cooling	DST	15,35,851.00	-	-	15,35,851.00	15,07,285.00	28,566.00	
106	ION Induced modification of the nanostructured materials and tuning of surface wetting property	DST	27,04,003.00	-	6,00,000.00	33,04,003.00	21,10,309.00	11,93,694.00	
107	Minimization of Storage Requirements in Renewable Rich Smart Microgrid through Coordinated Control of Resources	DST	36,08,181.00	-	-	36,08,181.00	8,07,541.00	28,00,640.00	
108	Independence polynomials of graphs and associated fractals	DST	2,00,000.00	-	-	2,00,000.00	1,13,224.00	86,776.00	

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
109	Impact of changing aerosol loading and urbanization on surface temperature and rainfall over select cities over India	DST	35,62,420.00	-	-	35,62,420.00	5,86,419.00	29,76,001.00	
110	FIST Programme - SMS	DST	2,05,00,000.00	-	-	2,05,00,000.00	23,038.00	2,04,76,962.00	
111	FIST Programme - SES	DST	1,66,00,000.00	-	-	1,66,00,000.00	1,46,34,895.00	19,65,105.00	
112	Light weight, Reconfigurable Cognitive Radio Platform for M2M and IoT applications	DST - IMPRINT	46,68,244.00	-	-	46,68,244.00	3,08,815.00	43,59,429.00	
113	Prototype of Imaging Radar in UWB	DST - IMPRINT	52,32,505.00	-	-	52,32,505.00	4,00,592.00	48,31,913.00	
114	Quality control of HF Radar surface currents for investigation of sub-mesoscale coastal processes and its use for assimilation in the INCOIS model	INCOIS	7,00,000.00	-	7,07,280.00	14,07,280.00	7,26,133.00	6,81,147.00	
115	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	15,50,000.00	-	-	15,50,000.00	14,09,536.00	1,40,464.00	
116	Low temperature electro refining process for production of high purity aluminium (4N and above)	NALCO	4,23,000.00	-	3,52,500.00	7,75,500.00	7,00,358.00	75,142.00	
117	Improving damping capacity of cast Nickel aluminium Bronze (NAB) alloys	NRB, DRDO	9,61,062.00	-	-	9,61,062.00	6,93,825.00	2,67,237.00	
118	Stress Corrosion Cracking (SSC) evaluation of Materials for Naval application: New insights from Double Cantilever Beam (DCB) technique	NRB, DRDO	8,80,000.00	-	-	8,80,000.00	3,03,756.00	5,76,244.00	
119	Evaluation of residual stress in Alloy 617 boiler tube weld joint and 10Cr Steel/ Alloy 617 dissimilar metal weld joint for welded turbine rotor	IGCAR, DAE	81,83,329.00	-	-	81,83,329.00	60,75,260.00	21,08,069.00	
120	Spectra of multi-digraphs and their applications to complex networks	DST	60,040.00	-	1,70,000.00	2,30,040.00	2,04,479.00	25,561.00	



## SCHEDULE-3A 1 : Sponsored Project (Contd....)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
121	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	18,30,713.00	-	7,20,000.00	25,50,713.00	9,12,390.00	16,38,323.00	
122	Development of Metal Matrix Nano-Composites using selective Laser Melting process	DST	38,08,195.00	-	-	38,08,195.00	1,81,315.00	36,26,880.00	
123	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	1,65,856.00	-	13,00,000.00	14,65,856.00	10,21,452.00	4,44,404.00	
124	Online Corrosion Monitoring in naval structures	NRB, DRDO	16,25,214.00	-	-	16,25,214.00	7,68,104.00	8,57,110.00	
125	Development of Cost Effective process and known for production of Al-Mg alloys of enhanced mechanical properties, incorporating graphene/grapheme oxide, suitable for automobile application	NALCO	18,80,000.00	-	-	18,80,000.00	14,00,414.00	4,79,586.00	
126	Development of continuous gradient Functionally Graded Materials (FGMs) by using gravity die casting under Teachers Associateship for Research Excellence (TARE)	DST	3,10,000.00	-	-	3,10,000.00	60,000.00	2,50,000.00	
127	Design and Development of Hybrid "PCM-Synthetic Jet" based Heat Sink for Electronic Cooling	DST	23,06,224.00	-	-	23,06,224.00	8,58,907.00	14,47,317.00	
128	Effect of laser shock peening on the fatigue behaviour of Nitinol shape memory alloy	DST	10,81,133.00	-	-	10,81,133.00	3,85,502.00	6,95,631.00	
129	Dynamic Analysis and Design of Dynamically Balanced Gait Controller for Lower Limb Exoskeleton	DST	14,11,867.00	-	-	14,11,867.00	11,52,096.00	2,59,771.00	
130	Development of Heterodimetallic Complexes and their Theranostic and Catalytic Aspects	DST	10,07,600.00	-	-	10,07,600.00	5,15,295.00	4,92,305.00	
131	Smart Grid Security Control Using Nature-Inspired Decentralised Cooperative Metaheuristic Strategies	DST	3,10,000.00	-	-	3,10,000.00	1,37,979.00	1,72,021.00	

## Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
132	Development of long-term high resolution Land Use Land Cover (LULC) data for Bhubaneswar peri-urban & rural areas and future projection	DST	28,23,005.00	-	-	28,23,005.00	6,07,867.00	22,15,138.00	
133	Development of stand-alone, cost effective conversion coatings for Magnesium alloys	UAY MHRD	21,35,000.00	-	5,94,222.00	27,29,222.00	5,28,345.00	22,00,877.00	
134	Evaluation and development of hyperlocal forecasting systems for smart city Bhubaneswar and neighbourhood regions	DST	16,06,000.00	-	-	16,06,000.00	5,20,004.00	10,85,996.00	
135	Urban Modelling: Development of multi-sectorial simulation lab and science based decision support framework to address urban environment issues	CDAC Under Meity	-	-	80,36,000.00	80,36,000.00	11,57,376.00	68,78,624.00	
136	Design and Development of tools for detection and prevention of cyber-attacks in Smart Grid Energy Management Systems (EMS)	CPRI	-	-	29,26,000.00	29,26,000.00	4,57,337.00	24,68,663.00	
137	Urban Flood Modelling - (AI)Web-based Decision Tool Integrating UAV Based Information	DST	-	-	23,81,800.00	23,81,800.00	2,78,278.00	21,03,522.00	
138	A Novel fluorescence-based assay for rapid detection and quantification of Exosomes	DST	-	-	14,40,000.00	14,40,000.00	4,86,342.00	9,53,658.00	
139	Development of heat transfer enhancement methods at boiling and evaporation on horizontal tube bundles for falling films and forced flow of liquids	DST	-	-	17,83,442.00	17,83,442.00	90,522.00	16,92,920.00	
140	Centre for H2 Solutions - Materials Energy Systems (H2 - M & ES)	DST-NFTDC	-	-	7,00,000.00	7,00,000.00	1,06,490.00	5,93,510.00	
141	Mechanical behaviour of additively manufactured hierarchical micro-architected metamaterials and composites for structural and functional applications	DST	-	-	39,04,160.00	39,04,160.00	1,54,678.00	37,49,482.00	
142	Improved surface hardness of bus body panels:(A) simple route by shot peening	NALCO	-	-	8,15,625.00	8,15,625.00	3,99,171.00	4,16,454.00	
143	Single chip test set for portable 5G network analyzers	DST	-	-	43,41,362.00	43,41,362.00	5,32,461.00	38,08,901.00	

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd....)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
144	Development of Aluminium-based Materials for Energy Storage Application- Supercapacitor	NALCO	-	-	2,70,000.00	2,70,000.00	51,251.00	2,18,749.00	
145	Energy Efficiency in Agricultural pumping with smart ground water management through monitoring and targeting aquifers	EESL	-	-	24,48,000.00	24,48,000.00	20,16,451.98	4,31,548.02	
146	Development of a sub-micrometer resolution electro hydrodynamic jet printer for printing customized polymeric structures	DST-IMPRINT II	-	-	5,00,000.00	5,00,000.00	1,19,444.00	3,80,556.00	
147	Seismic Design of Pipelines	NDWA-BIS	-	-	4,23,000.00	4,23,000.00	1,93,263.00	2,29,737.00	
148	High Pure Nano-Alumina for Solar Cell Anti-Reflection Coatings and Reinforcing Aluminium	NALCO	-	-	4,08,000.00	4,08,000.00	55,250.00	3,52,750.00	
149	Life Cycle and performance assessment of cold mix roads	NRIDA	-	-	12,32,000.00	12,32,000.00	2,91,122.00	9,40,878.00	
150	Development of hybrid smart grid communication network for last mile connectivity:(AID2D and PLC approach	DST	-	-	22,52,090.00	22,52,090.00	1,94,034.00	20,58,056.00	
151	Grid Interconnection Protocols for Largely Dispersed Minigrids/Microgrids for Electrification of Rural India (Multi Grid)	DST	-	-	10,00,000.00	10,00,000.00	45,000.00	9,55,000.00	
152	Quadratic boost converter based multi-input power converter interface for renewable applications	DST	-	-	16,48,565.00	16,48,565.00	1,35,455.00	15,13,110.00	
153	The inter-relationship between atmospheric aerosol distribution and tropical intraseasonal oscillations over the Indian region	DST	-	-	19,00,000.00	19,00,000.00	1,00,000.00	18,00,000.00	
154	Cost effective ICT-Data analytics system for efficient management of water and fertilizer in precision agriculture	DST IMPRINT II	-	-	33,58,740.00	33,58,740.00	2,53,500.00	31,05,240.00	
155	Taylor column phenomena of axially translating sphere in a rotating fluid - a numerical study	DST	-	-	8,95,997.00	8,95,997.00	1,13,868.00	7,82,129.00	
156	Design and development of lightweight and crash worthy hierarchical materials and structures	DST	-	-	23,05,890.00	23,05,890.00	1,34,660.00	21,71,230.00	

## Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 1 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
157	Design and development of metal-oxide hetero-structures for enhancement of photovoltaic energy conversion efficiency	DST	-	-	16,87,500.00	16,87,500.00	70,700.00	16,16,800.00	
158	Space-time domain decomposition methods for non-linear cahn-hilliard equation and their implementations in parallel computers	DST	-	-	4,68,500.00	4,68,500.00	29,000.00	4,39,500.00	
159	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	-	-	6,99,000.00	6,99,000.00	93,980.00	6,05,020.00	
160	Design and Development of Dynamic Phasor and Frequency Estimator Complying IEEE C37.118 standard under Teachers' Associateship for Research Excellence (TARE)	DST-TARE	-	-	3,35,000.00	3,35,000.00	25,000.00	3,10,000.00	
161	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	-	-	23,88,800.00	23,88,800.00	1,45,000.00	22,43,800.00	
162	Prediction of impact dynamics of projectile and armour plate with accurate thermal modelling	DRDO	-	-	15,00,000.00	15,00,000.00	2,48,000.00	12,52,000.00	
163	Thermal Characterization of gun barrel during dynamic firing	DRDO	-	-	15,00,000.00	15,00,000.00	2,55,000.00	12,45,000.00	
164	Subsurface variability of the Bay of Bengal from observations and models: relationship with Indian Monsoon and Cyclogenesis	DST	-	-	9,00,000.00	9,00,000.00	68,000.00	8,32,000.00	
165	Quasi-permutation representations and Gel'fand pair?	DST-MATRICES	-	-	2,20,000.00	2,20,000.00	20,000.00	2,00,000.00	
166	Design and characterization of an Al-Ti based high entropy alloys	DST	-	-	17,90,133.00	17,90,133.00	1,10,133.00	16,80,000.00	
167	High Resolution satellite mapping of particulate pollution (PM205) Hotspots over Bhubaneswar	SPCB	-	-	24,75,000.00	24,75,000.00	1,45,848.00	23,29,152.00	

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## SCHEDULE-3A 1 : Sponsored Project (Contd....)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
168	Designing of novel transition metal oxide based ferroelectric perovskites for visible light photovoltaic application	DST	-	-	31,14,843.00	1,41,769.00	29,73,074.00		
169	A study of harmonic analogue of certain univalent and analytic functions	DST-MATRICES	-	-	2,20,000.00	20,000.00	2,00,000.00		
170	Study of carrying capacity of dolphins/habitat-preference and carrying capacity of tourist boats in Chilika Lake	Chilika Wildlife Division, Govt. of Odisha	-	-	10,00,000.00	80,000.00	9,20,000.00		
171	Assimilation of Ground Radar Data with Weather Research and Forecast Model in Information Theoretic Framework	Ministry of Earth Sciences	-	-	10,31,520.00	50,000.00	9,81,520.00		
172	Functional consequences of cancer testis antigen ATAD2 in pancreatic cancer	DBT	-	-	5,94,000.00	44,000.00	5,50,000.00		
<b>Total</b>			<b>24,33,62,175.50</b>	<b>8,83,883.00</b>	<b>11,31,14,868.00</b>	<b>16,00,43,955.47</b>	<b>19,65,44,059.07</b>	<b>9,94,854.04</b>	

## Indian Institute of Technology Bhubaneswar

### SCCHEDULE-3A 2 : Consultancy Project

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	Proof Checking of POT cum PTFE Bearing	10,112.00			10,112.00		10,112.00	
2	Testing of Fibre shotcrete panels for energy absorption test	52,585.00			52,585.00		52,585.00	
3	Consultancy for investigation in ARC, Charbatia	20,020.00			20,020.00		20,020.00	
4	Testing of Fibre shotcrete panels for energy absorption test	43,820.00			43,820.00		43,820.00	
5	Robotic application in boiler NDT assessment	29,250.00			29,250.00		29,250.00	
6	Design of weighbridge & moveable floor crane	12,905.00			12,905.00		12,905.00	
7	Co-operation and expert advice for improvement of short and extended range (monthly scale) prediction of rainfall in the tropics	5,00,000.00		5,00,000.00	10,00,000.00	10,00,000.00	-	
8	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha	27,94,819.00		-	27,94,819.00	13,28,065.00	14,66,754.00	
9	Design and testing aerated autoclaved fly concrete blocks (AAC)	2,366.00		-	2,366.00		2,366.00	
10	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	
11	Vetting of Structural Analysis of design & drawing for the new Residential complex at HAL Koraput.	-	2.00		-		-	2.00
12	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	
13	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	
14	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	
15	Technical and function test of Gagan enabled GPS PDAs	1,08,798.00			1,08,798.00		1,08,798.00	
16	Design of experimental road using fly ash	27,000.00			27,000.00		27,000.00	
17	Development of structural grade concretes utilizing Iron slag as sand replacements (Tata Steel, Jaipur, Odisha)	294.00			294.00		294.00	
18	Proof Checking of Structural Items of Rambili Project	30.00			30.00		30.00	
19	Implementation of water quality monitoring and management system	(16,715.00)			(16,715.00)		(16,715.00)	

[Amount in ₹]

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 2 : Consultancy Project (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
20	Design and developing a portable wireless noise level and vibration monitors	20,909.00			20,909.00		20,909.00	
21	Accretion control to increase the sponge iron production to the target annual capacity of 390000 Mt	17,40,045.00		-	17,40,045.00	18,012.00	17,22,033.00	
22	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	
23	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha	41,950.00			41,950.00		41,950.00	
24	Mix Design of cement treated base/ sub-base for PMGSY road in Odisha	39,69,337.00		36,364.00	40,05,701.00	21,49,444.00	18,56,257.00	
25	Design and drawing of minor bridges of RVNL proof checking	8,66,509.00		-	8,66,509.00	8,66,509.00	-	
26	Designing of video synopsis algorithms for visual surveillance	25,474.00		-	25,474.00	25,474.00	-	
27	Work on technical support of Cold-Mix technology	6,60,484.00		-	6,60,484.00	2,46,225.00	4,14,259.00	
28	Geotechnical investigations on soil/rock samples	1,40,000.00		-	1,40,000.00	-	1,40,000.00	
29	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	
30	Service as proof consultant for structural design components of proposed HL bridge over river Biluakhai	4,93,642.00		-	4,93,642.00	4,93,642.00	-	
31	Concrete cube testing for "Cyclone alert Communication System" in EWDS-Odisha Project for the Village situated in 6 districts viz., Kendrapara, Balasore, Bhadrak, Jagatsinghpur, Puri & Ganjam along coastal line of Odisha state	45,291.00		-	45,291.00	45,291.00	-	
32	Rehabilitation and upgradation to two-lane with paved shoulders from KM 531/250 to KM 597/946 (Kunkuri to CG/JH border section) of NH-78 in the state of Chhattisgarh under NHDP - IV through engineers, procurement & construction (EPC) basis	2,00,000.00		-	2,00,000.00	2,00,000.00	-	
33	Reconstruction with geometric improvement of existing single/intermediate lane to 2-lane with paved shoulders configuration from existing KM 92.880 to KM 121.550 of NH-125 in the state of Uttarakhand on EPC mode, through engineering, procurement and construction (EPC) basis contract	80,000.00		-	80,000.00	80,000.00	-	
34	Vetting of Structural Design, drawing (Pre-Engineered Building), A/c The Samaja, Mancheswar, Bhubaneswar	2,56,000.00		-	2,56,000.00	2,56,000.00	-	

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 2 : Consultancy Project (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
35	Evaluation of Terrazyme (A bioenzyme) stabilized roads constructed under PMGSY	2,40,302.00		6,41,304.00	8,81,606.00	3,32,935.00	5,48,671.00	
36	Dyke height raising of Fly-Ash pond	58,588.00			58,588.00		58,588.00	
37	Distributed SDN controller with end to end security	9,46,459.00		10,51,380.00	19,97,839.00	12,53,843.00	7,43,996.00	
38	Design proof checking of five no of railway bridges of RITES Ltd in connection with construction of railway siding of NTPC Lara STTP	8,66,419.00		-	8,66,419.00	8,21,419.00	45,000.00	
39	Process control and optimization at Jindal Stainless Ltd, Jajpur,Odisha	7,07,128.00		22,08,960.00	29,16,088.00	8,77,950.00	20,38,138.00	
40	Design Engineering service for the retrofitting works	-			-		-	
41	Third party quality assurance consultancy services for Kendriya Vidyalaya No.2, Sambalpur	6,33,360.00		-	6,33,360.00	6,33,360.00	-	
42	Technical scrutiny of structural designs for the grade separator structure at Khandagiri Chowk on NH-16, Bhubaneswar, Odisha	13,58,887.00		-	13,58,887.00	36,549.00	13,22,338.00	
43	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	
44	Design and Testing of Smart Audio Processing and Communication Systems for Voice Processing and Surveillance Applications	90,000.00		-	90,000.00		90,000.00	
45	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	2,40,000.00		-	2,40,000.00	2,10,000.00	30,000.00	
46	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	11,40,000.00		17,27,520.00	28,67,520.00	6,92,730.00	21,74,790.00	
47	Implementation of Advanced Machine Learning Algorithms for Cluster Expansion	8,00,000.00		16,56,720.00	24,56,720.00	11,75,160.00	12,81,560.00	
48	Construction of widening to 2-lane with paved shoulder including geometric improvement Ch.318.650 km to 339.940 km (Length 21.949 km) on Churaibari to Agaratala section of NH8 (Old NH44) in the state of Tripura on EPC mode (Length 21.9 km)	1,20,000.00		-	1,20,000.00		1,20,000.00	
49	Concrete Mix Design for MMLP Paradip	2,80,000.00		-	2,80,000.00	2,80,000.00	-	



## SCHEDULE-3A 2 : Consultancy Project (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
50	Upgradation of NH-512 with a minimum of 2-Lane with paved shoulder configuration starting from Ch 82.4 km to 99.5 km and minimum of 4-Lane configuration from Ch 104.2 km to Ch 106.607 km on EPC mode in State of West Bengal under Annual Plan 2017-18	80,000.00		-	80,000.00	-	80,000.00	
51	Process related improvements at PPL	5,81,999.96		-	5,81,999.96	6,16,299.00	(34,299.04)	-
52	Proof checking of detailed design / drawing and calculation of foot over bridge for TSK	8,00,000.00		-	8,00,000.00	8,00,000.00	-	
53	Safety Analysis of Steel Pipeline Crossing Railroad between Surat and Vadodara	2,80,000.00		-	2,80,000.00	2,45,000.00	35,000.00	
54	Proof Checking of Design and Drawing of Superstructure and Substructure of a ROB at Tata Steel Plant, Kalinganagar (Span 2x36m Composite Girder)	4,50,000.00		-	4,50,000.00	-	4,50,000.00	
55	Analysis of side slope failure and base failure and suggestion of corrective measures in connection with Angul - Sukinda New Railway Line Project	8,00,000.00		1,47,500.00	9,47,500.00	47,500.00	9,00,000.00	
56	Construction of new road at the missing link portion of NH81 along the approved alignment between Harischandrapur & Eastern approach of Kalindri - Bridge from Km 46.550 to Km 59.697 in the district of Malda West Bengal on EPC m	80,000.00		-	80,000.00	-	80,000.00	
57	Mix design for M30 and M35 grade of Concretes	66,937.00		-	66,937.00	66,937.00	-	
58	Testing of ferro alloy slag granule	80,000.00		-	80,000.00	80,000.00	-	
59	Development of FEM model for Design Improvement of multi layered Baffle	3,17,797.00		14,06,250.00	17,24,047.00	4,52,861.00	12,71,186.00	
60	Residual stress measurement by Deep-hole drilling technique	6,10,170.00		-	6,10,170.00	-	6,10,170.00	
61	Vetting of structure design/drawing for the project of KV for 6 locations at Jharkhand & Odisha State	2,86,200.00		-	2,86,200.00	2,86,200.00	-	
62	Technical scrutiny of Drawing and Design of Thrust Bed for Box Pushing Section Below Railway Track	-		2,21,250.00	2,21,250.00	2,21,250.00	-	
63	Structural vetting of proposed bridge for Private Railway Siding at Mahalimarup Station to serve M/s Shree Cement Ltd. and at Lathikata of Chakradharpur division in South Eastern Railway to serve M/s Orissa Industries Ltd.	-		5,16,250.00	5,16,250.00	5,16,250.00	-	

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 2 : Consultancy Project (Contd...)

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
64	Checking of bearing capacity of pile for LPG Bottling Plant IOCL	-	-	1,50,000.00	1,50,000.00	48,305.00	1,01,695.00	
65	Engineering operation philosophy for Long-term Mud Management	-	-	15,03,320.00	15,03,320.00	5,94,550.00	9,08,770.00	
66	Core sample analysis of composite clay lining of secured engineering landfill for disposal of hazardous waste	-	-	1,26,165.00	1,26,165.00	1,15,474.00	10,691.00	
67	Structural vetting of proposed bridge for Private Railway siding near Barbil Station of Chakradharpur division in South Eastern Railway to serve M/s Rungta Mines Ltd	-	-	2,95,000.00	2,95,000.00	2,95,000.00	-	
68	Testing suitability of dredged sand for use in Road embankment & sub-grade	-	-	2,38,950.00	2,38,950.00	2,18,700.00	20,250.00	
69	Request to assess the structural integrity of sports climbing wall	-	-	5,60,500.00	5,60,500.00	5,60,500.00	-	
70	Re-identification guided video synopsis	-	-	17,74,452.00	17,74,452.00	17,74,452.00	-	
71	Product quality improvement program at Deem Roll Tech. Ltd.	-	-	61,360.00	61,360.00	21,360.00	40,000.00	
72	2nd phase monitoring settlements and effectiveness of the PVD-Package 2B - Construction of road bed, station buildings, passenger amenities, minor bridges, general electrical works in connection with new BG rail line from Dumuku KM 57.000 to Nuagaon KM 68.300 on Khurdha Road division of East Coast Railway in the state of Odisha, India	-	-	2,00,000.00	2,00,000.00	2,00,000.00	-	
73	Design of M25 Grade RCC for Structural Elements	-	-	1,01,244.00	1,01,244.00	1,01,244.00	-	
74	Checking Structural strength of pier of East Coast Railway Constructed over Luna River	-	-	1,06,200.00	1,06,200.00	1,06,200.00	-	
75	Design and development of Flow measurement Solution	-	-	21,50,000.00	21,50,000.00	7,48,435.00	14,01,565.00	
76	Coriolis flow-meter study	-	-	13,00,000.20	13,00,000.20	4,75,127.00	8,24,873.20	
77	Proof checking of design/drawings of bearings with reference to the grade separator structure at Khandagiri Chowk (Km. 412) on NH-5 (New NH-16), Bhubaneswar	-	-	3,54,000.00	3,54,000.00	1,14,000.00	2,40,000.00	
78	Structural vetting of 17 bridges for M/s Adani Infra (India) Ltd. At Hansdiha Godda Section under Eastern Railway	-	-	23,60,000.00	23,60,000.00	7,60,000.00	16,00,000.00	
79	Testing of Bituminous core samples of Paga-Gopinathpur-Kuanpal Road	-	-	1,19,475.00	1,19,475.00	1,19,475.00	-	
80	Mix Design for married Accommodation at Chandipur	-	-	1,15,050.00	1,15,050.00	1,15,050.00	-	

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 2 : Consultancy Project (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
81	Stability study in tailings dams and scrutiny of dry stacking procedure of red mud	-	-	15,37,106.00	15,37,106.00	5,45,030.00	9,92,076.00	
82	Verification of basic and detailed engineering design of RWSS mega water project of Rairakhol	-	-	14,75,000.00	14,75,000.00	4,75,000.00	10,00,000.00	
83	Technical Scrutiny of structural drawing and design calculations of 3x300 MSV and 1x600 MSV tank	-	-	1,77,000.00	1,77,000.00	1,77,000.00	-	
84	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 Khurda road division of East Coast Railway in the State of Odisha, India	-	-	4,05,625.00	4,05,625.00	2,05,136.00	2,00,489.00	
85	Design Verification of Boudh WSP	-	-	5,90,000.00	5,90,000.00	1,90,000.00	4,00,000.00	
86	Structural vetting of bridges and retaining walls of 2x25MW Maithan Right Bank Thermal Power Project for M/s L&T Ltd	-	-	14,75,000.00	14,75,000.00	4,75,000.00	10,00,000.00	
87	Technical support for rehabilitation of defunct NH-5, Balugaon from 0/0 Km to 8/0 Km	-	-	3,98,250.00	3,98,250.00	1,48,250.00	2,50,000.00	
88	Verification of Hydraulic & structural design and drawings of RWSS Mega Water Project of Puri District	-	-	14,75,000.00	14,75,000.00	4,75,000.00	10,00,000.00	
89	Vetting of Traffic Density Study for Environmental Clearance for Multiplex Building at Bhubaneswar	-	-	88,500.00	88,500.00	28,500.00	60,000.00	
90	Mix Design for NTPC-BHEL Project at BARH	-	-	1,53,400.00	1,53,400.00	53,400.00	1,00,000.00	
91	Site study at Barang for Construction of Cancer Hospital	-	-	1,47,500.00	1,47,500.00	1,47,500.00	-	
92	Checking of the stability of foundation and superstructure of pipe conveyor for MCL	-	-	3,98,250.00	3,98,250.00	3,64,500.00	33,750.00	
93	"Design of Cell filled concrete pavements for rural roads carrying heavy traffic	-	-	3,98,250.00	3,98,250.00	1,49,572.00	2,48,678.00	
94	Proof check and scrutiny of design and drawings of 1 major bridge substructure and foundation in connection to NTPC-LARA Project	-	-	5,75,250.00	5,75,250.00	5,26,500.00	48,750.00	
95	Study of ground water table and surface water discharge at Tata Steel Kalinganagar	-	-	14,75,000.00	14,75,000.00	4,75,000.00	10,00,000.00	

## Indian Institute of Technology Bhubaneswar

### SCHEDULE-3A 2 : Consultancy Project (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
96	Proof checking of design and drawing of road under bridge (RUB) at MCL, Talcher (span 2x6.0x6.0m RCC PRECAST SEGMENTAL BOX)	-	-	2,01,780.00	2,01,780.00	64,980.00	1,36,800.00	
97	Vetting of construction of civil works for installation of ILS at VSS airport Jharsuguda	-	-	1,00,300.00	1,00,300.00	32,300.00	68,000.00	
98	Testing of samples for integrated Infrastructure Complex at Dhamnagar, Bhadrak			1,03,545.00	1,03,545.00	36,045.00	67,500.00	
99	Design and development of gaseous oxygen heat exchanger for semi cryogenic stage			2,00,000.00	2,00,000.00	69,622.00	1,30,378.00	
<b>Total</b>		<b>2,42,09,444.96</b>	<b>2.00</b>	<b>3,30,03,970.20</b>	<b>5,72,13,415.16</b>	<b>2,73,61,112.00</b>	<b>2,98,52,303.16</b>	<b>2.00</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3A 3 : Sponsored Project

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9	
1	Unnat Bharat Abhiyan Cells	UBA	16,67,312.00		50,000.00	17,17,312.00	1,23,452.00	15,93,860.00	
2	Microwave Photocatalytic Treatment For Soft Drink Beverage Industry Wastewater			71,357.00		(71,357.00)	18,375.00	-	89,732.00
3	Engineering of Droplet Manipulation in Tertiary Junction Microfluidic Channels			4,52,852.45		(4,52,852.45)	-	-	4,52,852.45
4	Comparison of control techniques for residential PV system with module based maximum power point tracking			9,86,321.00		(9,86,321.00)	13,098.00	-	9,99,419.00
5	Design and development of multipath ultrasonic flow-meter with beam steering transducer			9,58,188.21		(9,58,188.21)	40,434.00	-	9,98,622.21
6	Soil Moisture Estimation for Drought Studies and Infiltration Modelling			5,11,867.00		(5,11,867.00)	1,24,079.00		6,35,946.00
7	Development of microstructure prediction model for additive manufacturing using selective laser melting process			5,83,553.00		(5,83,553.00)	-	-	5,83,553.00
8	Design and Implementation of a Wireless Sensor Network Testbed			6,81,455.00		(6,81,455.00)	2,45,457.00	-	9,26,912.00
9	Domain Decomposition Methods for Non-linear Problems			2,00,289.00		(2,00,289.00)	28,907.00	-	2,29,196.00
10	Significance of monitoring molten pool thermal history and its influence on evolution of microstructure and mechanical properties in case of Titanium based ceramic matrix composite coatings deposited on nickel based super alloys using laser cladding process			85,265.00		(85,265.00)	2,24,570.00	-	3,09,835.00
11	Modelling the Mechanical Behaviour Micro and Nanoporous Metals	-	-	-	-	-	1,87,780.00	-	1,87,780.00
12	Development of vibration assisted machining setup to address surface integrity issues on hard turned parts	-	-	-	-	-	73,401.00	-	73,401.00

## Indian Institute of Technology Bhubaneswar

### SCCHEDULE-3A 3 : Sponsored Project (Contd...)

(Amount in ₹)

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
1	2		3	4	5	6	7	8	9
13	Design, development and analysis of integrated dual-output converter (IDOC) Technology for Renewable Integration	-	-	-	-	-	3,26,850.00	-	3,26,850.00
14	Application of low altitude unmanned aerial vehicle (UAV) photogrammetry in rapid urban mapping for flood preparedness, damage assessment and sustainable development planning	-	-	-	-	-	48,179.00	-	48,179.00
15	Runtime Monitoring of (Timed) Properties	-	-	-	-	-	3,147.00	-	3,147.00
16	Finite Element based integrated analysis tool for Carbon Nano-tube (CNT) reinforced composites using refined kinematic model	-	-	-	-	-	63,195.00	-	63,195.00
17	Higgs boson decaying to Z-boson and a photon	-	-	-	-	-	33,411.00	-	33,411.00
18	Polymer nanocomposites thin films for microelectromechanical systems: synthesis and mechanical characterization	-	-	-	-	-	73,475.00	-	73,475.00
19	High directivity compact micro-strip couplers using distributed realization of lumped elements	-	-	-	-	-	3,70,221.00	-	3,70,221.00
<b>Total</b>			<b>16,67,312.00</b>	<b>45,31,147.66</b>	<b>50,000.00</b>	<b>(28,13,835.66)</b>	<b>19,98,031.00</b>	<b>15,93,860.00</b>	<b>64,05,726.66</b>

# Indian Institute of Technology Bhubaneswar

## RESEARCH & DEVELOPMENT

### RECEIPT & PAYMENTS A/c For The Financial Year 2019-20

(Amount in ₹)

<b>RECEIPT</b>		
<b>Opening Balance</b>		<b>59,77,31,974.58</b>
<b>Add: Receipt during the year</b>		
Consultancy Project		2,17,54,921.20
Sponsored Research Project	10,53,91,765.00	
Less : Refunded	5,26,21,688.54	5,27,70,076.46
Sponsored Fellowship		37,57,753.00
Seed Grant Project		50,455.00
Institute Overheads		1,61,07,664.00
Tax Deducted at Source (TDS)		41,16,135.00
Goods & Service Tax (GST)		51,28,925.00
GST TDS		5,19,758.00
Professional Tax		8,100.00
Earnest Money Deposit (EMD)		10,57,400.00
Performance Bank Guarantee (PBG)		2,03,128.00
Other Current Liability		7,31,030.00
Sundry Creditors		6,77,81,329.72
Liquidated Damages		4,34,284.00
Bank Interest		18,73,327.39
Interest on TDR		34,07,628.00
Interest on TDR Accrued		1,82,95,730.62
Stale Cheque		3,96,015.64
Tender Fee		17,500.00
<b>Total Receipt</b>		<b>79,61,43,135.61</b>
<b>LESS: PAYMENT DURING THE YEAR</b>		<b>In (Rs)</b>
<b>FOR REVENUE EXPENSES</b>		
Salary to JRF / SRF and Project Assistant		2,65,61,205.00
Consumables		1,06,22,990.14
Contingencies		31,49,557.99
Recurring Expenses		54,97,130.00
Travel Expenses		29,63,585.00
Consultancy Fees & Honorarium		1,30,52,679.00
Meeting & Workshop Expenses		2,43,683.00
Institute Corpus Fund		1,09,46,690.18
Fellowship		34,23,110.00
Overhead Refunded		68,671.00
R&D Recurring Expenses		11,78,532.00

# Indian Institute of Technology Bhubaneswar

## RESEARCH & DEVELOPMENT

### RECEIPT & PAYMENTS A/c For The Financial Year 2019-20 (Contd...)

		(Amount in ₹)
Fabrication & Other Cost		2,60,586.00
Start-up & IPR Expenses		1,40,689.00
Duty & Taxes		69,19,154.00
Stale Cheque		1,68,361.00
Sundry Creditors		6,16,45,773.72
Other Current Liability		6,50,000.00
Faculty Development Fund		4,38,072.00
School Development Fund		2,53,707.00
Bank Interest		11,42,313.00
Research Grant		5,39,981.00
Earnest Money Deposit (EMD)		26,99,400.00
Performance Bank Guarantee (PBG)		4,68,450.98
Liquidated Damages		35,075.00
<b>Total Payment</b>		<b>15,30,69,396.01</b>
<b>Closing Balance</b>		<b>64,30,73,739.60</b>



# Indian Institute of Technology Bhubaneswar

## SCHEDULE-3B : Sponsored Fellowship and Scholarship

(Amount in ₹)

Sr. No.	Name of the Sponsor	Opening Balance		Transaction During the Year		Closing Balance	
		Credit	Debit	Credit	Debit	Credit	Debit
1	2	3	4	5	6	7	8
1	UGC	13,94,048.00	-	-	-	13,94,048.00	-
2	CSIR	9,20,863.00	-	-	6,757.00	9,14,106.00	-
3	DST	12,53,211.00	-	33,77,753.00	28,25,022.00	18,05,942.00	-
4	NBHM / SERB NPDF	2,47,202.00	-	4,30,000.00	6,41,331.00	35,871.00	-
5	ICMR	58,320.00	-	-	-	58,320.00	-
<b>Total</b>		<b>38,73,644.00</b>	<b>-</b>	<b>38,07,753.00</b>	<b>34,73,110.00</b>	<b>42,08,287.00</b>	<b>-</b>

## SCHEDULE-3C : Unutilised Grants from Government of India

(₹ in Crore)

Particulats	Current Year 2019-20	Previous Year 2018-19
A Paln Grants: Government of India		-
Balane B/F	75.29	32.25
Add: Receipts during the year (GIA)	64.46	21.29
Add: Receipts during the year (Internal Income)	5.11	111.33
<b>Total (a)</b>	<b>144.86</b>	<b>164.87</b>
Less: Refunds		
Less: Utilized for Revenue Expenditure	90.82	67.03
Less: Utilized for Capital Expenditure	23.39	22.55
<b>Total (b)</b>	<b>114.21</b>	<b>89.58</b>
<b>Unutilized carried forward (a - b)</b>	<b>30.65</b>	<b>75.29</b>

# Indian Institute of Technology Bhubaneswar

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

Description	GROSS BLOCK					DEPRECIATION					NET BLOCK		
	Opening Balance as on 01-04-2019	Additions during the year 2019-20	Deductions during the year 2019-20	Closing Balance as on 31.03.20	Rate (%)	Depreciation Opening Balance (As on 01-04-2020)	Adjustment of Prov. of Dept. on Sale/Gift of Fixed Assets	Additions during the year as directed by AG audit	Depreciation on Opening Value of Fixed Assets as on 01-04-2020	Depreciation on Additions during the year 2019-20	Total Depreciation on 31-03-2020	As on 31-03-2020	As at the Previous year 2019-20
<b>A. FIXED ASSETS</b>													
1 Land	90,03,710.00	-	-	90,03,710.00	0%	-	-	-	-	-	-	90,03,710.00	90,03,710.00
2 Site Development	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Buildings	1,34,36,29,220.00	37,85,088.00	-	1,34,74,14,308.00	2%	3,07,59,617.00	-	-	2,68,72,584.40	75,70,176.00	5,77,07,903.16	1,28,97,06,404.84	1,31,28,69,603.00
a) On Freehold Land*	9,74,552.00	-	-	9,74,552.00	2%	58,473.00	-	-	19,491.04	-	77,964.04	8,96,587.96	9,16,079.00
bi) On leasehold Land	-	-	-	-	2%	-	-	-	-	-	-	-	-
c) Ownership Flats/Premises	-	-	-	-	2%	-	-	-	-	-	-	-	-
d) Boys & Girls Hostel	-	92,57,38,156.00	-	92,57,38,156.00	2%	-	-	-	1,85,14,763.12	-	1,85,14,763.12	90,72,23,392.88	-
e) Work shop Building	6,84,22,240.00	-	-	6,84,22,240.00	2%	2,26,05,659.00	-	-	13,68,444.80	-	2,39,74,103.80	4,44,48,136.20	4,58,16,581.00
f) Boundary Wall	8,20,00,828.00	-	-	8,20,00,828.00	2%	1,21,86,735.95	-	-	16,40,016.56	-	1,38,26,752.51	6,81,74,075.50	6,98,14,092.06
g) Badminton/volley Ball Court	11,92,958.00	4,25,092.00	-	16,18,050.00	2%	95,436.00	-	-	23,859.16	25,505.52	1,44,800.68	14,73,249.32	10,97,522.00
h) Faculty & Staff Quarter Building	44,96,44,359.00	2,43,85,220.00	-	47,40,29,579.00	2%	2,69,60,016.00	-	-	89,92,887.18	4,87,704.40	3,64,40,607.58	43,75,88,771.42	42,26,84,343.00
i) Lab Complex Argul	-	-	-	-	2%	-	-	-	-	-	-	-	-
j) Single seater boys hostel	56,38,88,236.00	-	-	56,38,88,236.00	2%	4,51,10,619.72	-	-	1,12,77,764.72	-	5,63,88,384.44	50,74,99,851.56	51,87,77,616.28
k) Single seater girls hostel	19,22,61,742.00	-	-	19,22,61,742.00	2%	1,53,80,939.84	-	-	38,45,234.84	-	1,92,26,174.68	17,30,35,567.32	17,68,80,802.16
l) Shopping Center, community Center and guest house	15,37,23,471.00	-	-	15,37,23,471.00	2%	1,22,89,052.44	-	-	30,74,469.42	-	1,53,63,521.86	13,83,59,949.14	14,14,34,418.56
m) Staff Quarters Grade - C	13,74,28,091.00	-	-	13,74,28,091.00	2%	1,09,94,247.82	-	-	27,48,561.82	-	1,37,42,809.64	12,36,85,281.36	12,64,33,843.18
n) First year lab campus	16,51,54,014.00	-	-	16,51,54,014.00	2%	1,32,12,320.08	-	-	33,03,080.28	-	1,65,15,400.36	14,86,38,613.64	15,19,41,693.92
o) School Building	1,14,84,75,670.00	-	-	1,14,84,75,670.00	2%	6,88,89,840.00	-	-	2,29,69,513.40	-	9,18,59,353.40	1,05,66,16,316.60	1,07,95,85,830.00
p) Administrative Building	-	-	-	-	2%	-	-	-	-	-	-	-	-
4 Roads & Bridges	-	-	-	-	2%	-	-	-	-	-	-	-	-
5 Tube wells & Water Supply	14,58,200.00	-	-	14,58,200.00	2%	58,328.00	-	-	29,144.00	-	29,164.00	13,70,708.00	13,99,872.00
6 Sewerage & Drainage	-	12,48,576.00	-	12,48,576.00	-	-	-	-	24,971.52	-	24,971.52	12,23,604.48	-
7 Electrical installation and equipment	8,80,51,227.00	37,80,342.00	-	9,18,31,569.00	5%	3,53,17,407.50	-	-	44,02,561.35	1,89,017.10	3,99,08,985.95	5,19,22,883.05	5,27,33,819.50
8 Plant & Machinery	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Scientific & Laboratory Equipment	1,08,68,23,620.96	5,33,18,357.45	45,14,968.38	1,13,54,27,010.23	8.0%	46,22,49,752.02	-	-	8,67,13,658.76	42,60,799.49	55,29,56,296.48	58,26,70,713.75	62,45,73,868.94
10 Office Equipment	1,78,40,196.03	3,22,894.00	6,08,076.00	1,75,55,014.03	7.5%	94,11,059.69	3,64,848.00	-	13,38,014.70	25,882.05	1,04,10,108.44	71,44,905.59	84,29,136.34
11 Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Computer & Peripherals	14,91,81,116.38	1,28,45,199.00	7,38,121.52	16,12,88,193.86	20%	14,51,93,561.92	-	-	10,44,764.00	25,78,999.80	14,87,68,297.42	1,25,19,896.44	39,87,354.46
13 Furniture, Fixtures & Fittings	11,09,57,179.51	2,33,83,526.00	97,99,652.00	12,45,41,073.51	7.5%	4,61,70,759.81	-	-	83,21,788.46	10,18,792.05	5,55,11,340.32	6,90,29,733.19	6,47,86,419.70

(Amount in ₹)

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

(Amount in ₹)

Description	GROSS BLOCK					DEPRECIATION					NET BLOCK				
	Opening Balance as on 01-04-2019	Additions during the year 2019-20	Deductions during the year 2019-20	Closing Balance as on 31.03.20	Rate (%)	Depreciation Opening Balance (As on 01-04-2020)	Adjustment of Prov. of Dep. on Sale/ Gift of Fixed Assets	Additions during the year as directed by AG audit	Depreciation on Opening Value of Fixed Assets as on 01-04-2020	Depreciation on Additions during the year 2019-20	Depreciation on Deductions during the year 2019-20	Total Dep. for the year 2019-20	Total Depreciation As on 31-03-2020	As on 31-03-2020	As at the Previous year 2019-20
14 Security Cabin	4,92,000.00	-	-	4,92,000.00	7.5%	1,42,350.00	-	-	36,900.00	-	-	36,900.00	1,79,250.00	3,12,750.00	3,49,650.00
15 Vehicles	27,45,228.00	-	-	27,45,228.00	10%	6,53,058.00	-	-	2,74,522.80	-	-	2,74,522.80	11,27,580.80	16,17,647.20	18,92,770.00
16 Library Books	3,68,17,795.95	62,52,873.00	-	4,30,70,668.95	10%	2,32,12,982.54	-	-	36,81,779.59	6,25,287.30	-	43,07,066.89	2,75,20,049.43	1,55,50,619.52	1,36,04,813.41
17 Other Fixed Assets (Small Value)	53,81,903.00	2,09,811.00	-	55,91,714.00	5%	17,58,702.50	-	-	2,69,095.15	12,252.80	-	2,81,347.95	20,40,050.45	35,51,663.55	36,23,200.50
<b>Total (A)</b>	<b>5,81,56,47,557.83</b>	<b>1,05,54,95,134.45</b>	<b>1,56,40,797.90</b>	<b>6,85,55,81,894.58</b>		<b>98,29,10,918.83</b>	<b>3,64,848.00</b>	<b>-</b>	<b>19,22,48,156.43</b>	<b>2,78,39,676.91</b>	<b>3,16,942.09</b>	<b>21,97,70,891.25</b>	<b>1,20,23,16,962.08</b>	<b>5,45,32,64,932.50</b>	<b>4,83,26,36,639.00</b>
Capital Work In Progress	2,10,01,72,328.00	1,26,24,05,698.00	95,01,23,376.00	2,41,24,54,650.00										2,41,24,54,650.00	2,10,01,72,328.00
18 Asset-In-Transit	4,37,67,943.02	1,89,33,301.08	88,24,982.33	5,38,76,281.77										5,38,76,281.77	4,37,67,943.02
<b>Total (B)</b>	<b>2,14,39,40,291.02</b>	<b>1,28,13,38,999.08</b>	<b>95,89,48,358.33</b>	<b>2,46,63,30,931.77</b>										<b>2,46,63,30,931.77</b>	<b>2,14,39,40,291.02</b>
19 Computer Networking	3,85,52,411.00	6,42,633.00	2,74,706.00	3,86,20,338.00	20%	3,73,01,658.38	-	-	6,34,798.00	73,585.00	-	7,08,383.00	3,80,10,041.38	6,10,296.62	9,50,752.62
20 Computer Software	9,21,88,847.29	20,82,043.20	-	9,42,70,890.49	40%	9,08,41,996.29	-	91,896.00	12,14,518.00	8,32,817.28	-	21,39,231.28	9,29,81,227.57	12,89,662.92	13,46,851.00
21 Web Designing	11,34,888.00	-	-	11,34,888.00	40%	11,34,888.00	-	-	-	-	-	-	11,34,888.00	-	-
22 E-Journals	22,37,67,534.52	5,17,70,590.28	-	27,55,38,124.80	40%	18,76,00,243.47	-	-	2,68,32,974.56	2,07,08,236.11	-	4,75,41,210.67	23,51,41,454.14	4,03,96,670.66	3,61,67,291.05
23 Patent & Copyrights	3,14,540.00	-	-	3,14,540.00	11%	1,43,680.10	-	-	34,602.00	-	-	34,602.00	1,78,282.10	1,36,277.90	1,70,879.90
<b>TOTAL (C)</b>	<b>35,56,58,240.81</b>	<b>5,44,95,266.48</b>	<b>2,74,706.00</b>	<b>40,98,78,801.29</b>		<b>31,70,22,466.24</b>	<b>91,896.00</b>	<b>-</b>	<b>2,87,16,892.56</b>	<b>2,16,14,638.39</b>	<b>-</b>	<b>5,04,23,426.95</b>	<b>36,74,45,893.19</b>	<b>4,24,32,908.10</b>	<b>3,86,35,774.57</b>
<b>Grand Total (A+B+C)</b>	<b>8,31,51,46,089.46</b>	<b>2,39,15,29,400.21</b>	<b>97,48,83,862.23</b>	<b>9,75,17,91,627.64</b>		<b>1,29,99,33,381.97</b>	<b>3,64,848.00</b>	<b>91,896.00</b>	<b>22,09,65,048.99</b>	<b>4,94,54,315.30</b>	<b>3,16,942.09</b>	<b>27,01,94,318.20</b>	<b>1,56,97,62,852.17</b>	<b>8,16,20,28,769.27</b>	<b>7,01,52,12,704.59</b>

## Indian Institute of Technology Bhubaneswar

### SCHEDULE-4C : INTANGIBLE ASSETS (Institute Main)

Sl. No.	Assets Heads	GROSS BLOCK				DEPRECIATION						NET BLOCK				
		Opening Balance as on 01.04.19	Additions during the year 2019-20	Deductions during the year 2019-20	Closing Balance as on 31.03.20	Rate (%)	As at the beginning of year 01.04.19	Adjustment of Prov. of Dep. on Sale/ Gift of Fixed assets	Additions during the year as directed by AG audit	On Opening Balance	On Additions during the year	Deductions during the year	Total Dept. for the Year 2019-20	Total as on 31.03.2020	As on 31.03.2020	As at the Previous year 2018-19
1	COMPUTER NETWORKING	3,82,52,411.00	6,42,633.00	2,74,706.00	3,86,20,338.00	20%	3,73,01,658.38	-	-	6,34,798.00	73,585.00	-	7,08,383.00	3,80,10,041.38	6,10,296.62	9,50,752.42
2	COMPUTER SOFTWARE	9,21,88,847.29	20,82,043.20	-	9,42,70,890.49	40%	9,08,41,996.29	91,896.00	91,896.00	12,14,518.00	8,32,817.28	-	21,39,231.28	9,29,81,227.57	12,89,662.92	13,46,851.00
3	WEB DESIGNING	11,34,888.00	-	-	11,34,888.00	40%	11,34,888.00	-	-	-	-	-	-	11,34,888.00	-	-
4	E-Journals	22,37,67,534.52	5,17,70,590.28	-	27,55,38,124.80	40%	18,76,00,243.47	-	2,68,32,974.56	2,07,08,236.11	-	4,75,41,210.67	23,51,41,454.14	4,03,96,670.66	3,61,67,291.05	
5	PATENT & COPYRIGHT	3,14,540.00	-	-	3,14,540.00	11%	1,43,680.10	-	34,602.00	-	-	34,602.00	1,78,282.10	1,36,277.90	1,70,879.90	
	<b>Total</b>	<b>35,56,58,240.81</b>	<b>5,44,95,266.48</b>	<b>2,74,706.00</b>	<b>40,98,78,801.29</b>		<b>31,70,22,466.24</b>	<b>-</b>	<b>91,896.00</b>	<b>2,87,16,892.56</b>	<b>2,16,14,638.39</b>	<b>-</b>	<b>5,04,23,426.95</b>	<b>36,74,45,893.19</b>	<b>4,24,32,908.10</b>	<b>3,86,35,774.57</b>

(Amount in ₹)

## Indian Institute of Technology Bhubaneswar

### SCHEDULE-4C (i) : PATENTS AND COPYRIGHTS (Institute Main)

(Amount in ₹)

Description		Gross Block				Net Block	
Sl. No.	Particulars	Opening Balance 01.04.19	Additions during the year	Gross	Amortization	Net Block 2019-20	Net Block 2018-19
A.	PATENT & COPYRIGHT						
1	Balance as on 31.03.2014 of patents obtained in 2008-09						
	(Original Value -Rs..... /-)				-		
2	Balance as on 31.03.2014 of patents obtained in 2010-11)	-			-		
	(Original Value -Rs..... /-)	-			-		
3	Balance as on 31.03.2014 of patents obtained in 2012-13)				-		
	(Original Value -Rs..... /-)				-		
4	Patents granted during the current year	3,14,560.00	-	3,14,560.00	1,78,282.10	1,36,277.90	1,70,879.00
<b>Total (A)</b>		<b>3,14,560.00</b>	<b>-</b>	<b>3,14,560.00</b>	<b>1,78,282.10</b>	<b>1,36,277.90</b>	<b>1,70,879.00</b>

Sl. No.	Particulars	Opening Balance	Additions	Gross	Patents Granted/ Rejected	Net Block 2018-19	Net Block 2017-18
B	Patents Pending in respect of patents applied for				-		
1	Expenditure incurred during 2009-10 to 2011-12				-		
2	Expenditure incurred during 2012-13				-		
3	Expenditure incurred during 2013-14	-	-	-	-	-	-
4	Expenditure incurred during 2014-15	-	-	-	-	-	-
<b>Total (B)</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total (A + B)</b>		<b>3,14,560.00</b>	<b>-</b>	<b>3,14,560.00</b>	<b>1,78,282.10</b>	<b>1,36,277.90</b>	<b>1,70,879.00</b>

## Indian Institute of Technology Bhubaneswar

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

Description	Gross Block				Rate (%)	Depreciation				Net Block	
	Cost/Valuation as at the beginning of the year 01.04.19	Additions during the year 2019-20	Deductions during the year 2019-20	Cost/Valuation as on 31.03.20		On Opening Balance	On Additions during the year	Deductions during the year	Total as on 31.03.2020	As on 31.03.2020	As on 31.03.2019
A. FIXED ASSETS											
1 FURNITURE & FIXTURES :	8,46,092.00	1,43,334.00	-	9,89,426.00	7.5%	63,456.90	10,750.05	-	3,55,324.72	6,34,101.28	5,64,974.23
2 Office Equipment	2,69,477.00	-	-	2,69,477.00	7.5%	20,210.78	-	-	1,18,881.02	1,50,595.99	1,70,806.76
3 ELECTRICAL INSTALLATIONS	17,29,303.00	1,59,502.00	-	18,88,805.00	5%	86,465.15	7,975.10	-	3,60,027.95	15,28,777.05	14,63,715.30
4 OTHER FIXED ASSETS	4,14,026.00	3,77,154.00	-	7,91,180.00	7.5%	31,051.95	28,286.55	-	1,57,265.32	6,33,914.68	3,16,099.18
5 Computer & Peripherals	1,05,900.00	50,700.00	-	1,56,600.00	20%	21,180.00	10,140.00	-	1,09,240.00	47,360.00	27,980.00
<b>Total</b>	<b>33,64,798.00</b>	<b>7,30,690.00</b>	<b>-</b>	<b>40,95,488.00</b>		<b>2,22,364.78</b>	<b>57,151.70</b>	<b>-</b>	<b>11,00,739.01</b>	<b>29,94,749.00</b>	<b>25,43,575.47</b>
<b>Total</b>	<b>33,64,798.00</b>	<b>7,30,690.00</b>	<b>-</b>	<b>40,95,488.00</b>	<b>-</b>	<b>2,22,364.78</b>	<b>57,151.70</b>	<b>-</b>	<b>11,00,739.01</b>	<b>29,94,749.00</b>	<b>25,43,575.47</b>

### SCHEDULE-4 : Fixed Assets R&D/ SRIC

Description	Gross Block			Cost/Valuation as at the End 31.03.20	Rate (%)	Depreciation			Net Block		
	Cost/Valuation as at the beginning of the year 01.04.19	Additions during the year 2019-20	Deductions during the year 2019-20			On opening balance	On Additions during the year	Deductions during the year	Total upto the year-end	As at the current year 2019-20	As at the Previous year 2018-19
A. FIXED ASSETS SRIC											
1 EQUIPMENT PLANT MACHINERY & FURNITURE & FIXTURES :	19,32,21,636.93	5,44,86,811.80	-	24,77,08,448.73		-	-	-	24,77,08,448.73	19,32,21,636.93	
2 FURNITURE & FIXTURES :	27,58,497.00	33,557.00	-	27,92,054.00		-	-	-	27,92,054.00	27,58,497.00	
3 OFFICE EQUIPMENT :	48,225.00	2,01,540.00	-	2,49,765.00		-	-	-	2,49,765.00	48,225.00	
4 COMPUTER/PERIPHERAL/ SOFTWARE :	2,46,07,265.46	5,88,515.00	-	2,51,95,780.46		-	-	-	2,51,95,780.46	2,46,07,265.46	
5 Assets in transit	-	-	-	-		-	-	-	-	-	-
<b>Total of Current Year</b>	<b>22,06,35,624.39</b>	<b>5,53,10,423.80</b>	<b>-</b>	<b>27,59,46,048.19</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,59,46,048.19</b>	<b>22,06,35,624.39</b>	<b>-</b>
<b>Total</b>	<b>22,06,35,624.39</b>	<b>5,53,10,423.80</b>	<b>-</b>	<b>27,59,46,048.19</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,59,46,048.19</b>	<b>22,06,35,624.39</b>	<b>-</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-4D : FIXED ASSETS (Student Gymkhana)

(Amount in ₹)

Description	Gross Block				Rate (%)	Depreciation				Net Block		
	Cost/ Valuation as at the beginning of the year 01.04.19	Additions during the year 2019-20	Deductions during the year 2019-20	Cost/ Valuation as on 31.03.20		As at the beginning of the year 01.04.19	Additions during the year as directed by AG audit	On opening balance	On Additions during the year	Deductions during the year	Total as on 31.03.2020	As on 31.03.2020
<b>A. FIXED ASSETS</b>												
1 Audio Visual Equipment	49,044.00	-	-	49,044.00	7.5%	7,356.00	3,678.00	-	-	11,034.00	38,010.00	41,688.00
2 COMPUTER/PERIPHERAL :	94,454.00			94,454.00	20%	37,782.00	18,891.00	-	-	56,673.00	37,781.00	56,672.00
3 Furniture & Fixture	1,01,880.00	30,627.00		1,32,507.00	7.5%	15,282.00	7,641.00	2,297.00		25,220.00	1,07,287.00	86,598.00
4 Gym & Sports Equipment	2,00,708.00			2,00,708.00	7.5%	30,106.00	15,053.00	-	-	45,159.00	1,55,549.00	1,70,602.00
5 Musical Instruments	79,607.00			79,607.00	7.5%	11,942.00	5,971.00	-	-	17,913.00	61,694.00	67,665.00
<b>Total</b>	<b>5,25,693.00</b>	<b>30,627.00</b>	<b>-</b>	<b>5,56,320.00</b>		<b>1,02,468.00</b>	<b>51,234.00</b>	<b>2,297.00</b>	<b>-</b>	<b>1,55,999.00</b>	<b>4,00,321.00</b>	<b>4,23,225.00</b>

## SCHEDULE-4D : FIXED ASSETS (Guest House)

(Amount in ₹)

Description	Gross Block				Rate (%)	Depreciation				Net Block		
	Cost/ Valuation as at the beginning of the year 01.04.19	Additions during the year 2019-20	Deductions during the year 2019-20	Cost/ Valuation as on 31.03.20		As at the beginning of the year 01.04.19	Additions during the year as directed by AG audit	On opening balance	On Additions during the year	Deductions during the year	Total as on 31.03.2020	As on 31.03.2020
<b>A. FIXED ASSETS</b>												
1 Furniture & Fixture	20,060.00	-	-	20,060.00	7.5%	1,505.00	1,505.00	-	-	3,010.00	17,050.00	18,555.00
2												
3												
4												
5												
<b>Total</b>	<b>20,060.00</b>	<b>-</b>	<b>-</b>	<b>20,060.00</b>		<b>1,505.00</b>	<b>1,505.00</b>	<b>-</b>	<b>-</b>	<b>3,010.00</b>	<b>17,050.00</b>	<b>18,555.00</b>

## Indian Institute of Technology Bhubaneswar

### SCHEDULE-4D : FIXED ASSETS (MGM Endowment)

(Amount in ₹)

Description	Gross Block			Rate (%)	As at the beginning of the year 01.04.19	Additions during the year as directed by AG audit	Depreciation			Net Block		
	Cost/ Valuation as at the beginning of the year 01.04.19	Additions during the year 2019-20	Deductions during the year 2019-20				Cost/ Valuation as on 31.03.20	On opening balance	On Additions during the year	Deductions during the year	Total as on 31.03.2020	As on 31.03.2020
<b>A. FIXED ASSETS</b>												
1 OFFICE EQUIPMENT :	33,300.00	-	-	0%	-	-	-	-	-	-	-	33,300.00
2 ELECTRICAL INSTALLATIONS	1,02,049.00	-	-	0%	-	-	-	-	-	-	-	1,02,049.00
3 COMPUTER/PERIPHERAL :	68,920.00	-	-	0%	-	-	-	-	-	-	-	68,920.00
4 ELECTRICAL INSTALLATIONS	1,26,300.00	-	-	0%	-	-	-	-	-	-	-	1,26,300.00
<b>Total</b>	<b>3,30,569.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,30,569.00</b>
<b>Total</b>	<b>3,30,569.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,30,569.00</b>



## Indian Institute of Technology Bhubaneswar

### SCHEDULE-5 : Investment From Earmarked / Endowment Funds

(Amount in ₹)

Sl. No.	Head of Account	Current Year 2019-20	Previous Year 2018-19
1	In Central Government Securities	-	-
2	In State Government Securities	-	-
3	Other Approved Securities	-	-
4	Shares	-	-
5	Debentures and Bonds	-	-
6	Term Deposit with Bank	8,74,48,807.38	-
7	Others (to be Specified)	-	-
<b>Total</b>		<b>8,74,48,807.38</b>	<b>-</b>

### SCHEDULE-5A : Investment from Earmarked / Endowment Funds (Fund wise)

(Amount in ₹)

Sl. No.	Head of Account	Current Year 2019-20	Previous Year 2018-19
1	MGM Endowment Fund	4,58,86,081.41	4,30,41,897.63
2	Best B. Tech thesis in Electrical & Mechanical Science (MGM Fund Tejwasi & Dinesh Award)	5,32,503.06	4,98,835.67
3	Best Outgoing Student (Fund T. V. Mohandas Pai)	13,30,888.57	12,46,743.46
4	B K Dey Memorial Award of Most Innovative Project (Fund Piyali De)	20,78,121.55	19,49,748.87
5	S K BET Endowment fund	3,74,73,279.00	6,08,04,527.60
6	Abhijit Gangopadhyay Endowment fund	1,47,933.79	1,38,505.77
<b>Total</b>		<b>8,74,48,807.38</b>	<b>10,76,80,259.00</b>

### SCHEDULE-6 : Investments - Others

(Amount in ₹)

Sl. No.	Head of Account	Current Year 2019-20	Previous Year 2018-19
1	In Central Government Securities	-	-
2	In State Government Securities	-	-
3	Other Approved Securities	-	-
4	Shares	-	-
5	Debentures and Bonds	-	-
6	Others to be Specified	-	-
	In Bank	-	-
<b>Total</b>		<b>-</b>	<b>-</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-7 : Current Assets

(Amount in ₹)

Sl. No.	Particulars	Current Year 2019-20	Previous Year 2018-19
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		
	Cash Balance in hand (including cheques / drafts and imprest)	-	-
	a) With Scheduled Banks		
	In Current Accounts	-	-
	In Deposit Accounts (Term Deposit)	1,96,13,24,455.80	1,88,26,12,033.59
	In Savings Accounts (ANNEXURE II)	12,56,09,487.73	17,25,69,182.10
	b) With Non-scheduled Banks		
	In term deposit Accounts		
	In Savings Accounts		
5	Post Office Savings Accounts		
	<b>Total</b>	<b>2,08,69,33,943.53</b>	<b>2,05,51,81,215.69</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-8 : Loans, Advances & Deposits

(Amount in ₹)

Sl. No.	Particulars	Annexures	Current Year 2019-20	Previous Year 2018-19
<b>1</b>	<b>Advance to employees : (Non-interest bearing)</b>			
a)	Salary		-	-
b)	Festival Advance		-	-
c)	LTC Advance		62,272.00	85,600.00
d)	Medical Advance		-	-
e)	Others (Specify)		-	-
	Advance to Student		2,02,500.00	27,000.00
	Advance		-	-
	General Advance (Contingent)		3,76,459.00	19,429.00
	General Advance (Contingent) Hostel		-	72,42,000.00
	Imprests Advance		83,663.00	76,557.00
	PDA Advance		2,91,901.00	4,96,997.00
	TA Advance		75,000.00	75,000.00
	Soft Loan		2,83,058.00	3,29,750.00
	Advance - President Student Gymkhana		4,28,434.00	-
	Advance to Alma Fiesta, JEE & Wissenaire		3,47,000.00	28,200.00
	Advance - S K BET		25,000.00	-
	In House Project Grant		3,14,00,000.00	3,14,00,000.00
	Faculty Development Fund		15,000.00	15,000.00
	Guest House CA		13,25,567.52	3,44,934.52
<b>2</b>	<b>Long Term Advance to employees: (Interest bearing)</b>		-	-
a)	Vehicle Loan		-	9,000.00
b)	Home Loan		-	-
c)	Others (to be specified)		-	-
<b>3</b>	<b>Advances and other amounts recoverable in cash or in kind or for value to be received</b>		-	-
a)	On Capital Account		81,29,588.00	99,94,47,317.00
b)	To Suppliers		3,80,461.00	26,964.00
c)	Others Current Assets		6,96,743.35	2,81,591.35
d)	Tax Deducted at Source (TDS)		1,66,76,311.00	1,58,47,381.00
	Endowment Centre & R & D (TDS)		48,52,784.00	25,63,536.00
e)	Receivable from S K BET Endowment Fund		3,98,658.00	10,04,259.92
<b>4</b>	<b>Prepaid Expenses</b>		-	-
a)	Insurance		-	-
b)	Other Expenses		-	-
	i) Prepaid AMC Charges		-	-
	ii) Prepaid E-Subscription Charges		3,42,72,103.35	1,49,511.19

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-8 : Loans, Advances & Deposits (Contd...)

(Amount in ₹)

Sl. No.	Particulars	Annexures	Current Year 2019-20	Previous Year 2018-19
<b>5</b>	<b>Deposits</b>		-	-
a)	Telephone		2,40,404.00	2,43,003.00
b)	Lease Rent		60,000.00	60,000.00
c)	Electricity		62,64,330.00	62,34,361.00
d)	HP Gas		11,550.00	8,500.00
e)	Others (to be specified)		-	-
	i) Department of Post		15,000.00	15,000.00
	ii) Special Gas & Equipment Pvt Ltd		64,000.00	64,000.00
	ii) Gymkhana		1,50,000.00	-
<b>6</b>	<b>Income Accrued</b>		-	-
a)	On investments from Earmarked / Endowment funds		-	-
b)	On investments- others (Term Deposit)		-	-
c)	On Loans and advances (on Securities)		2,36,874.00	3,71,191.00
d)	Others (includes income due unrealized)		1,84,22,514.81	1,04,13,967.56
<b>7</b>	<b>Other -Current assets receivable from UGC / Sponsored projects-receivable</b>		-	-
a)	Debit balances in Sponsored Projects		-	-
	i) CSIR Project Grant		1,44,619.00	1,44,619.00
b)	Debit balances in Sponsored Fellowship & Scholarship		-	-
	i) UGC JRF Fellowship		3,55,528.00	3,55,528.00
	ii) R&D Corpus Fund		1,03,00,747.00	1,09,46,690.18
	iii) Fellowship Inspired (DST)		36,000.00	36,000.00
	iv) DST Inspire Fellowship		5,06,451.00	5,06,451.00
	v) CSIR JRF Fellowship		3,50,922.00	3,50,922.00
	vi) Receivable - Electricity Collection		16,98,099.00	28,75,766.00
	vi) Receivable - JAM Fee Joint M.Sc. Ph.D.		4,45,000.00	-
c)	Grants Receivable		-	-
d)	Others Receivable from UGC		-	-
	i) SRIC / R&D IIT Bhubaneswar		34,38,09,944.11	30,42,00,622.92
	ii) SRIC / R&D Project fund		2,438.00	2,438.00
	iii) SRIC / R&D Current Assets		36,03,492.89	36,03,492.89
	iv) CEP CA		1,30,300.00	270.00
<b>8</b>	<b>Claims Receivable</b>		-	-
<b>Total</b>			<b>48,71,70,717.03</b>	<b>1,39,99,02,850.53</b>

# Indian Institute of Technology Bhubaneswar

## Annexure – II : Bank Balances on Savings Accounts

(Amount in ₹)

Particulars	Current Year 2019-20	Previous Year 2018-19
Syndicat Bank - Hostel A/c - 80072200011951	2,37,98,109.68	3,06,67,236.66
Gymkhana A/c - 80072010034135	30,09,501.32	12,66,505.23
SBI Project 20054905156	50,27,786.22	7,20,18,205.74
SBI Institute Main A/c - 30824066553	18,37,137.02	51,25,640.73
Syndicate Bank SRIC- A/c - 80072160000022	1,78,31,792.78	21,15,612.19
Syndicate Bank Main A/c - 80072160000018	1,76,86,451.80	1,75,72,791.79
Endowment Fund A/c - 80072010035590	3,26,320.99	38,09,765.06
Axis Bank A/c - 912020013584849	19,61,032.70	45,66,796.93
ICICI Bank A/c - 198501000430	6,07,278.92	7,93,211.00
ICICI Bank A/c - 006101055198	8,43,761.53	33,99,766.20
ICICI Bank A/c - 006101058683	2,03,388.00	1,74,79,540.00
SBI Guest House A/c - 36976372905	1,18,432.50	20,93,927.74
NSS IIT BBSR Synd - 72822200000634	1,57,211.11	2,00,210.95
SBI Power Jyoti A/c - 31839403687	-	1,14,136.39
Endowment Fund A/c SBI - 33547594939	9,153.08	9,47,855.00
Syndicate Bank Corpus Fund A/c - 24282160000031	7,64,978.22	3,64,793.36
SBI - Cinema A/c - 35052867155	(24,835.00)	16,16,217.00
Syndicate Bank A/c - 2428216000027	15,493.45	4,51,499.49
SBI Fee receivable A/c - 379905000647	1,88,589.00	-
Escro A/c: 2 - 72822610000263	2,67,660.52	-
Escro A/c: 3 - 3673101007607	10,00,000.00	-
SBI - A/c - 38605214766	30,33,613.00	-
Syndicate Bank CEP A/c 24282010001960	4,69,46,630.89	79,65,470.64
<b>Total</b>	<b>12,56,09,487.73</b>	<b>17,25,69,182.10</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-9 : Academic Receipts

(Amount in ₹)

Particulars	Current Year 2019-20	Previous Year 2018-19
<b>FEE FROM STUDENTS</b>		
<b>Academic</b>		
1. Tuition Fee	16,38,20,986.00	12,41,78,838.00
2. Admission Fees	1,49,700.00	1,35,000.00
3. Enrolment Fee (One Time Fee)	29,19,150.00	32,71,347.00
4. Library Admission Fee	3,74,250.00	3,37,500.00
5. Laboratory Fee	40,34,500.00	33,55,000.00
6. Art & Craft Fee	-	-
7. Registration Fee	8,07,700.00	6,71,800.00
8. Syllabus Fee	-	-
<b>Total (A)</b>	<b>17,21,06,286.00</b>	<b>13,19,49,485.00</b>
<b>Examinations</b>		
1. Admission Test Fee	-	-
2. Annual Examination Fee	20,17,250.00	16,74,500.00
3. Mark Sheet, Certificate Fee	4,23,350.00	3,98,870.00
4. Supplementary Exam Fee	-	-
5. Thesis Examination Fee	26,600.00	26,600.00
6. Provisional Certificate Fees	1,49,700.00	1,35,000.00
<b>Total (B)</b>	<b>26,16,900.00</b>	<b>22,34,970.00</b>
<b>Others Fees</b>		
1. Identity Card Fee	76,500.00	68,540.00
2. Fine / Miscellaneous Fee	15,42,900.00	5,30,500.00
i) Late Fees (Fine)	-	-
ii) Penalty Charges to Student	-	-
iii) Income From Library / Fine	-	-
3. Medical Fee / Insurance Fee	34,01,694.00	13,93,528.00
4. Transportation Fee	-	-
5. Hostel Fee (Seat Rent)	20,17,250.00	16,77,500.00
6. Transcript Fees	1,21,650.00	1,35,700.00

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-9 : Academic Receipts (Contd...)

(Amount in ₹)

Particulars	Current Year 2019-20	Previous Year 2018-19
7. Educational Verification Fees	-	-
8. Electricity & Water Charges Fees	60,51,750.00	50,32,500.00
9. Internet Connectivity Fees	20,17,250.00	16,77,500.00
10. Gymkhana Fees	47,03,776.00	17,83,000.00
11. Fee Subscriptions & other (Hostel) ANNEXURE - III	9,09,15,059.00	8,84,77,144.00
15. Certificate Fees	-	-
16. Convocation Registration Fees	6,60,900.00	4,79,100.00
17. M.Tech Seat Reservation Fees	60,000.00	3,80,000.00
18. Summer Quarter Registration Fees	1,53,050.00	1,64,600.00
19. Student Amenities	24,20,700.00	20,13,000.00
20. Student Benefit Fees	-	-
21. Career Development Fees	3,72,000.00	3,35,250.00
22. JEE Scrutiny Fees	-	-
23. Educational Verification Fees	1,41,487.00	1,84,456.00
24. Gymkhana Income	-	-
<b>Total (C)</b>	<b>11,46,55,966.00</b>	<b>10,43,32,318.00</b>
<b>Sale of publications</b>		
1. Sale of Admission Forms	-	-
2. Sale of Syllabus and Question Paper, etc.	-	-
3. Sale of Prospectus including Admission Forms	23,84,625.00	21,67,310.00
<b>Total (D)</b>	<b>23,84,625.00</b>	<b>21,67,310.00</b>
<b>Other Academic Receipts</b>		
1. Registration Fee for Workshops, Programmes	-	-
2. Registration Fees (Academic Staff College)	-	-
<b>Total (E)</b>	<b>-</b>	<b>-</b>
<b>F. Payment of HEFA Loan</b>	<b>3,44,00,000.00</b>	<b>-</b>
<b>G. Transferred to Corpus Fund</b>	<b>16,64,48,718.00</b>	<b>15,22,06,939.00</b>
<b>Grand Total (A+B+C+D+E-F-G)</b>	<b>9,09,15,059.00</b>	<b>8,84,77,144.00</b>

# Indian Institute of Technology Bhubaneswar

## ANNEXURE - III : Hostel IIT BBS

(Amount in ₹)

Particulars	Current Year 2019-20	Previous Year 2018-19
<b>Total Expenditure</b>		
Hostel Office Staff Salary	64,21,750.00	59,88,417.00
Housekeeping Charges	1,11,97,370.00	95,25,144.00
Hostel Day Celebration Expenses	40,000.00	2,84,173.00
Mess Expenses	6,24,64,734.00	5,65,35,990.00
Repair & Maintenance	7,34,831.00	8,99,039.00
Student Welfare	2,40,690.00	1,99,731.00
News Paper & Periodicals	56,041.00	44,503.00
Office Contingency	13,36,144.00	4,96,674.00
AMC Charges	1,30,570.00	84,028.00
Pest Control Service	2,43,080.00	1,34,520.00
Audit Fees		17,700.00
Printing & Stationary	79,414.00	43,014.00
Bank Charges	387.20	75.00
Security Service Expenses	4,61,471.00	-
POS Rent	15,324.80	8,578.81
<b>Total Expenditure</b>	<b>8,34,21,807.00</b>	<b>7,42,61,586.81</b>
<b>Total Income</b>		
Bank Interest	14,20,944.46	12,11,875.46
Student Semester Registration Fees	8,83,72,734.00	8,55,08,090.00
Boarding Charges	8,21,525.00	12,63,833.00
Fine to Student & Contractor	8,16,300.00	8,61,871.00
License Fees Recovery	8,90,900.00	8,39,350.00
Tender Fee	10,000.00	4,000.00
Other Income	3,600.00	
<b>Total Income</b>	<b>9,23,36,003.46</b>	<b>8,96,89,019.46</b>



# Indian Institute of Technology Bhubaneswar

## SCHEDULE-10 : Grants / Subsidies (Irrevocable Grants Received)

(Amount in ₹)

Particulars	Plan		Total Plan	Non Plan UGC	Current Year Total 2019-20	Previous Year Total 2018-19	
	Govt. of India	UGC					
		Plan					Specific Schemes
<b>Balance B/F</b>							
Grant-in-Aid for Recurring activities	54,15,00,000.00		54,15,00,000.00		54,15,00,000.00		
Grant-in-Aid for payment of HEFA Loan	10,31,00,000.00		10,31,00,000.00		10,31,00,000.00		
<b>Total</b>						-	
Less: Refund to UGC	-		-		-		
Balance	64,46,00,000.00		64,46,00,000.00		64,46,00,000.00		
Less: Utilised for repayment of HEFA loan	10,31,00,000.00		10,31,00,000.00		10,31,00,000.00		
<b>Balance</b>	<b>54,15,00,000.00</b>		<b>54,15,00,000.00</b>		<b>54,15,00,000.00</b>		
<b>Balance</b>	<b>54,15,00,000.00</b>		<b>54,15,00,000.00</b>		<b>54,15,00,000.00</b>		

## SCHEDULE-11 : Income from Investment

(Amount in ₹)

Particulars	Earmarked / Endowment Funds		Other Investments	
	Current Year 2019-20	Previous Year 2018-19	Current Year 2019-20	Previous Year 2018-19
<b>Investment from Earmarked / Endowment Fund</b>				
1) Interest	-	-	-	-
a) On Govt. Securities	-	-	-	-
b) Other Bonds / Debentures	-	-	-	-
2) Interest on Term Deposits	65,81,411.38	68,67,902.18	5,43,26,531.74	3,04,40,848.33
3) Income Accrued but not due on Term Deposits / Interest bearing advances to Employees	-		-	
	-		-	
4) Income on Savings Bank Accounts	1,22,761.93	1,61,872.58	7,336.04	3,45,943.73
	-	-	-	-
5) Others (Specify)	-	-	-	-
<b>Total</b>	<b>67,04,173.31</b>	<b>70,29,774.76</b>	<b>5,43,33,867.78</b>	<b>3,07,86,792.06</b>
<b>TRANSFERRED TO EARMARKED / ENDOWMENT FUNDS</b>	67,04,173.31	70,29,774.76	5,43,33,867.78	3,07,86,792.06
<b>Balance</b>	-	-	-	-

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-12 : Interest Earned

(Amount in ₹)

Particulars	Current Year 2019-20	Previous Year 2018-19
<b>1. On Savings Accounts with Schedule Banks</b>		
a) With Scheduled Banks	28,65,617.56	52,72,147.18
b) With Non-Scheduled Banks	-	-
c) With Institutions		-
d) Others (Bank Interest on Escrow Account)	665.66	-
<b>Total (A)</b>	<b>28,66,283.22</b>	<b>52,72,147.18</b>
<b>2. Term Deposit Accounts with schedule banks</b>		
a) With Scheduled Banks	5,75,33,474.91	8,70,04,333.79
Hostel A/c ANNEXURE - III	14,20,944.46	12,11,875.46
b) With Non-Scheduled Banks		-
c) With Institutions	-	-
d) Others (Bank Interest on Escrow Account)	11,32,192.86	-
<b>Total (B)</b>	<b>6,00,86,612.23</b>	<b>8,82,16,209.25</b>
<b>3. On Loans</b>		
a) Employees / Staff	45,000.00	27,000.00
b) Others (Interest from Income Tax return)	43,120.00	-
<b>Total (C)</b>	<b>88,120.00</b>	<b>27,000.00</b>
<b>4. On Debtors and Other Receivables</b>	2,70,173.00	3,71,191.00
<b>Total (D)</b>	<b>2,70,173.00</b>	<b>3,71,191.00</b>
<b>5. Transferred to Corpus Fund (E)</b>	<b>1,08,02,872.52</b>	<b>77,41,006.00</b>
<b>Grand Total (A+B+C+D-E)</b>	<b>5,25,08,315.93</b>	<b>8,61,45,541.43</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-13 : Other Income

(Amount in ₹)

Particulars	Current Year 2019-20	Previous Year 2018-19
1. Hostel Room Rent	-	34,52,566.00
2. License Fee	9,19,349.00	9,55,873.00
3. Hire Charges of Auditorium / Playground / Convention Centre, Shopping Complex, Car Rent etc.	4,47,728.00	4,60,551.00
4. Electricity Charges	-	-
5. Water Charges recovered	83,499.00	82,541.00
6. Income from Guest House	46,35,291.23	53,39,688.20
<b>Total (A)</b>	<b>60,85,867.23</b>	<b>1,02,91,219.20</b>
<b>B. Sale of Institute's Publications</b>	-	-
<b>Total (B)</b>	-	-
<b>C. Income from holding Events</b>		
1. Gross Receipts from annual function / sports carnival	-	-
Less: Direct expenditure incurred on the annual function / sports carnival	-	-
2. Gross Receipts from fetes	-	-
Less: Direct expenditure incurred on the Fetes	-	-
3. Gross Receipts for educational tours	-	-
Less: Direct expenditure incurred on the tours	-	-
4. Others (to be specified and separately disclosed)	-	-
<b>Total (C)</b>	-	-
<b>D. Others</b>		
1. Income from User charges	34,950.00	1,97,550.00
2. RTI Fees	100.00	190.00
3. Income from Royalty	-	-
4. Sale of application form (recruitment)	-	13,24,500.00
5. Misc. receipts (Sale of tender form, waste paper, Scarp etc.)	-	-
6. Profit on Sale / disposal of Assets:	-	-
a) Owned assets	-	-
b) Assets acquired out of grants, or received free of cost	-	-
7. Grants / Donations from Institutions, Welfare bodies and International Organizations	-	-
8. Others Auction money	-	-
i. Recovery for absence - Joint M.Tech & Joint M.Sc.	6,60,210.00	3,73,407.00
ii. Tender Fee	1,19,194.60	2,01,000.00
iii. CEP Receipts	13,72,728.47	9,64,729.06
iv. Fine (Late Fee & Library)	3,22,443.31	1,50,500.00
v. Liquidated Damages	16,98,347.71	35,34,747.32
vi. Misc. Income	1,38,714.00	42,209.52
vii. Penalty Charges to Party / Student	46,151.00	75,278.00
viii. Penal Interest Collected	139.00	3,912.00
ix. Employee I-Card	-	-
x. Gymkhana Income	13,16,044.09	1,70,365.58
xi. Soft Loan process Fee	8,000.00	6,000.00
<b>Total (D)</b>	<b>57,17,022.18</b>	<b>70,44,388.48</b>
<b>E. Transferred to Corpus Fund</b>	<b>44,78,825.62</b>	<b>1,08,60,824.84</b>
<b>Grand Total (A+B+C+D-E)</b>	<b>73,24,063.79</b>	<b>64,74,782.84</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-14 : Prior Period Income

[Amount in ₹]

Particulars	Current Year 2019-20	Previous Year 2018-19
1. Academic Receipts	-	
2. Income from Investment	-	
3. Interest Earned	2,745.00	(9,31,743.98)
4. Other Income	-	-
i) Corpus Fund	-	-
ii) Student Brotherhood Fund (SBF)	-	-
iii) Other Prior Period Income	-	-
<b>Total (A)</b>	<b>2,745.00</b>	<b>(9,31,743.98)</b>
<b>B. Transferred to Corpus Fund</b>	<b>2,745.00</b>	<b>-</b>
<b>Grand Total (A-B)</b>	<b>-</b>	<b>(9,31,743.98)</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-15 : Staff Payments & Benefits

(Amount in ₹)

Particulars	Current Year 2019-20			Previous Year 2018-19		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Salaries and Wages	31,35,26,784.00	-	31,35,26,784.00	26,55,47,455.00	-	26,55,47,455.00
b) Allowances and Bonus	-	-	-	-	-	-
c) Contribution to Provident Fund	-	-	-	-	-	-
d) Contribution to Other Fund (NPS)	3,81,78,853.00	-	3,81,78,853.00	2,28,56,654.00	-	2,28,56,654.00
e) Staff Welfare Expenses	-	-	-	-	-	-
f) Retirement and Terminal Benefits	-	-	-	-	-	-
g) LTC Facility	20,39,026.00	-	20,39,026.00	24,25,803.00	-	24,25,803.00
h) Medical facility	82,16,378.00	-	82,16,378.00	51,37,784.00	-	51,37,784.00
i) Children Education Allowance	62,39,779.00	-	62,39,779.00	15,28,484.00	-	15,28,484.00
j) Honorarium	8,51,879.00	-	8,51,879.00	9,43,498.00	-	9,43,498.00
k) TA / DA Expenses	-	-	-	-	-	-
l) Newspaper Allowance	5,67,487.00	-	5,67,487.00	-	-	-
i) Leave Salary, Lien & Pension Contribution	8,70,452.00	-	8,70,452.00	16,97,874.00	-	16,97,874.00
ii) NPS Admn Charges	42,070.00	-	42,070.00	30,993.00	-	30,993.00
iii) Professional Development Allowance	65,62,935.00	-	65,62,935.00	49,81,879.00	-	49,81,879.00
iv) EGI Expenses	-	-	-	-	-	-
v) Leave Encashment	18,84,110.00	-	18,84,110.00	13,54,313.00	-	13,54,313.00
<b>Total</b>	<b>37,89,79,753.00</b>	<b>-</b>	<b>37,89,79,753.00</b>	<b>30,65,04,737.00</b>	<b>-</b>	<b>30,65,04,737.00</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-16 : Academic Expenses

(Amount in ₹)

Particulars	Current Year 2019-20			Previous Year 2018-19		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Laboratory Expenses	1,10,53,932.50	-	1,10,53,932.50	84,86,121.70	-	84,86,121.70
b) Field work / Participation	-	-	-	-	-	-
c) Seminar / Workshop	-	-	-	-	-	-
d) Payment to Visiting Faculty	1,58,50,697.00	-	1,58,50,697.00	1,34,85,627.00	-	1,34,85,627.00
e) Examination	11,65,639.60	-	11,65,639.60	16,57,645.00	-	16,57,645.00
f) Student Welfare Expenses	77,85,552.00	-	77,85,552.00	74,60,578.60	-	74,60,578.60
g) Admission expenses	-	-	-	-	-	-
h) Convocation expenses	28,95,184.00	-	28,95,184.00	29,37,589.00	-	29,37,589.00
i) Publications	-	-	-	-	-	-
j) Stipend / means-cum-merit scholarship	14,41,20,539.00	-	14,41,20,539.00	11,78,92,349.00	-	11,78,92,349.00
k) Subscription Expenses (Trf. to Fixed Assets)	-	-	-	-	-	-
l) Others (specify) Alumni Meet	1,31,030.00	-	1,31,030.00	55,720.00	-	55,720.00
<b>Departmental Operating Expenses</b>	-	-	-	-	-	-
Operating Expenditure SBS	32,37,844.00	-	32,37,844.00	33,56,904.00	-	33,56,904.00
Operating Expenditure SES	29,33,721.00	-	29,33,721.00	26,01,285.00	-	26,01,285.00
Operating Expenditure SIF	26,85,818.00	-	26,85,818.00	17,98,323.00	-	17,98,323.00
Operating Expenditure HSS&M	14,10,807.00	-	14,10,807.00	9,49,905.00	-	9,49,905.00
Operating Expenditure SMS	16,57,144.00	-	16,57,144.00	27,73,687.28	-	27,73,687.28
Operating Expenditure CIF	4,43,231.00	-	4,43,231.00	4,24,240.00	-	4,24,240.00
Operating Expenditure SEOCS	7,39,363.00	-	7,39,363.00	6,96,451.00	-	6,96,451.00
Operating Expenditure SMMME	11,70,012.00	-	11,70,012.00	13,35,223.00	-	13,35,223.00
Operating Expenditure CDC	2,13,331.00	-	2,13,331.00	3,09,666.00	-	3,09,666.00
<b>TOTAL</b>	<b>19,74,93,845.10</b>	<b>-</b>	<b>19,74,93,845.10</b>	<b>16,62,21,314.58</b>	<b>-</b>	<b>16,62,21,314.58</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-17 : Administrative and General Expenses

(Amount in ₹)

Particulars	Current Year 2019-20			Previous Year 2018-19		
	Plan	Non Plan	Total	Plan	Non Plan	Total
<b>A. Infrastructure</b>						
a) Electricity and Power	3,26,17,045.00	-	3,26,17,045.00	3,31,05,130.00	-	3,31,05,130.00
b) Water Charges	10,901.00	-	10,901.00	835.00	-	835.00
c) Insurance	-	-	-	-	-	-
d) Rent, Rates and Taxes (including Property Tax)	10,392.00	-	10,392.00	12,10,392.00	-	12,10,392.00
<b>B. Communication</b>	-					
e) Postage & Telegram	3,98,929.00	-	3,98,929.00	3,06,057.00	-	3,06,057.00
f) Telephone and Internet Charges	18,48,861.00	-	18,48,861.00	15,46,272.00	-	15,46,272.00
<b>C. Others</b>	-			-		
g) Printing and Stationary	20,27,529.00	-	20,27,529.00	16,47,969.00	-	16,47,969.00
h) Traveling and Conveyance Expenses	37,09,762.00	-	37,09,762.00	10,12,503.00	-	10,12,503.00
i) Expenses on Seminar / Workshops	-	-	-	-	-	-
j) Hospitality	-	-	-	-	-	-
k) Auditors Remuneration	-	-	-	94,000.00	-	94,000.00
l) Professional Charges	21,00,418.00	-	21,00,418.00	22,78,600.00	-	22,78,600.00
m) Advertisement and Publicity	22,70,507.00	-	22,70,507.00	32,29,969.00	-	32,29,969.00
n) Magazines & Journals	1,16,055.00	-	1,16,055.00	36,995.00	-	36,995.00
o) Others (GH)	-	-	-	12,080.00	-	12,080.00
i) E-filing Charges	21,964.00	-	21,964.00	22,153.00	-	22,153.00
ii) Institute Function Expenses	17,34,609.00	-	17,34,609.00	20,35,130.00	-	20,35,130.00
iii) Local Conveyance (Warden / Asst. Warden)	-	-	-	-	-	-
iv) Relocation Charges	4,89,517.00	-	4,89,517.00	3,85,777.00	-	3,85,777.00
v) BOG Expenditure	-	-	-	-	-	-
vi) BoBCO Expenditure	58,012.00	-	58,012.00	-	-	-
vii) Gymkhana Expenses	79,96,212.00	-	79,96,212.00	28,34,866.90	-	28,34,866.90
viii) Recruitment Expenses	33,37,808.00	-	33,37,808.00	28,67,924.00	-	28,67,924.00
ix) Guest House Expenses	25,72,458.47		25,72,458.47	21,46,091.67	-	21,46,091.67

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-17 : Administrative and General Expenses (Contd...)

[Amount in ₹]

Particulars	Current Year 2019-20			Previous Year 2018-19		
	Plan	Non Plan	Total	Plan	Non Plan	Total
x) AMC- Office Equipment	-	-	-	-	-	-
xii) Land Demarcation	-	-	-	-	-	-
xiii) Misc. Expenses (Hiring of DG Set)	2,161.00	-	2,161.00	-	-	-
xiv) Hostel Expenditure ANNEXURE - III	8,34,21,807.00	-	8,34,21,807.00	7,42,61,586.81	-	7,42,61,586.81
xv) Deferred Revenue expenditure	-	-	-	4,33,196.00	-	4,33,196.00
xvi) CEP Expenses	1,713.76	-	1,713.76	7,669.00	-	7,669.00
xvii) Gymkhana Expenses	1,388.00	-	1,388.00	75.00	-	75.00
xviii) Annual Membership Fees	3,53,204.12	-	3,53,204.12	2,63,177.37	-	2,63,177.37
xix) Operating Expenditure Admin.	47,90,916.43	-	47,90,916.43	35,71,177.00	-	35,71,177.00
xx) Operating Expenditure - CITCS	11,57,167.00	-	11,57,167.00	13,10,047.00	-	13,10,047.00
xxi) Operating Expenditure Library	2,85,178.00	-	2,85,178.00	3,08,515.00	-	3,08,515.00
xxii) Operating Expenditure Hindi Cell & E Cell	47,906.00	-	47,906.00	1,39,921.00	-	1,39,921.00
xxiii) Security & Housekeeping Exp.	10,18,74,765.00	-	10,18,74,765.00	9,15,66,702.00	-	9,15,66,702.00
xxiv) Fuel Exp. For DG Set	2,02,200.00	-	2,02,200.00	55,370.48	-	55,370.48
xxv) Development of Horticulture Work	20,33,712.00	-	20,33,712.00	20,74,015.00	-	20,74,015.00
xxvi) IIT Council Secretariate Expenses	1,00,000.00	-	1,00,000.00	11,00,000.00	-	11,00,000.00
xxvii) Swachh Bharat Abhiyan	-	-	-	21,095.00	-	21,095.00
xxviii) Training of Employees	1,66,579.00	-	1,66,579.00	1,26,826.00	-	1,26,826.00
xxix) Children Park Expenses	-	-	-	1,67,170.00	-	1,67,170.00
xxx) Payment of HEFA Loan interest	5,62,934.00	-	5,62,934.00	-	-	-
xxxi) HEFA Laon Expenses	-	-	-	10,01,600.00	-	10,01,600.00
<b>Total</b>	<b>25,63,22,610.78</b>	<b>-</b>	<b>25,63,22,610.78</b>	<b>23,11,80,887.23</b>	<b>-</b>	<b>23,11,80,887.23</b>



## Indian Institute of Technology Bhubaneswar

### SCHEDULE-18 : Transportation Expenses

(Amount in ₹)

Particulars	Current Year 2019-20			Previous Year 2018-19		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Vehicles (owned by Educational Institution)	-	-	-	-	-	-
a) Running Expenses	-	-	-	-	-	-
b) Repairs & Maintenance	49,797.00	-	49,797.00	52,996.00	-	52,996.00
c) Insurance Expenses	52,934.00	-	52,934.00	61,898.00	-	61,898.00
2. Vehicles taken on rent / lease	-	-	-	-	-	-
a) Rent / lease Expenses	1,08,89,684.00	-	1,08,89,684.00	1,54,57,754.00	-	1,54,57,754.00
b) Fuel Expenses	2,33,007.00	-	2,33,007.00	2,69,220.00	-	2,69,220.00
3. Vehicle (Taxi Hiring Expenses)	-	-	-	-	-	-
<b>Total</b>	<b>1,12,25,422.00</b>	<b>-</b>	<b>1,12,25,422.00</b>	<b>1,58,41,868.00</b>	<b>-</b>	<b>1,58,41,868.00</b>

### SCHEDULE-19 : Repairs & Maintenance

(Amount in ₹)

Particulars	Current Year 2019-20			Previous Year 2018-19		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Building	1,47,37,054.00	-	1,47,37,054.00	34,20,319.00	-	34,20,319.00
b) Furniture & Fixture	1,33,250.00	-	1,33,250.00	1,85,874.00	-	1,85,874.00
c) Plant & Machinery	-	-	-	-	-	-
d) Office Equipments	85,86,037.10	-	85,86,037.10	80,27,922.00	-	80,27,922.00
e) Cleaning Material & Services	1,57,79,840.00	-	1,57,79,840.00	1,47,43,115.00	-	1,47,43,115.00
f) Others (specify)	-	-	-	-	-	-
<b>Total</b>	<b>3,92,36,181.10</b>	<b>-</b>	<b>3,92,36,181.10</b>	<b>2,63,77,230.00</b>	<b>-</b>	<b>2,63,77,230.00</b>



# Indian Institute of Technology Bhubaneswar

## SCHEDULE-22 : Prior Period Expenses

(Amount in ₹)

Particulars	Current Year 2019-20			Previous Year 2018-19		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1) Establishment Expenses	6,16,146.00	-	6,16,146.00	(8,15,095.00)	-	(8,15,095.00)
2) Academic Expenses	36,66,018.00	-	36,66,018.00	50,641.00	-	50,641.00
3) Administrative Expenses	4,67,062.15	-	4,67,062.15	8,82,091.48	-	8,82,091.48
4) Transportation Expenses	24,209.00	-	24,209.00	(500.00)	-	(500.00)
5) Repairs & Maintenance Expenses	11,79,780.00	-	11,79,780.00	8,22,182.00	-	8,22,182.00
6) Other Expenses	-	-	-	-	-	-
<b>Total</b>	<b>59,53,215.15</b>	<b>-</b>	<b>59,53,215.15</b>	<b>9,39,319.48</b>	<b>-</b>	<b>9,39,319.48</b>

# Indian Institute of Technology Bhubaneswar

## Receipts and Payments for the Year Ended 31.03.2020

(Amount in ₹)

Sl. No.	Receipts	Current Year 2019-20	Previous Year 2018-19
<b>I.</b>	<b>Opening Balance</b>		
	a) Cash in Hand	-	
	b) Bank Balances		
	i) In Current Accounts		
	ii) In deposit Accounts		
	iii) In Savings Accounts	17,25,69,182.10	16,68,56,566.71
<b>II.</b>	<b>Grants Received</b>		
	a) From Government of India	64,46,00,000.00	1,30,97,80,000.00
	b) From State Government		
	c) From Other Sources (Details)		
	(Grants from Capital and Revenue expenses to be Shown Separately)		
<b>III.</b>	<b>Academic Receipts</b>	<b>26,17,09,907.12</b>	<b>19,84,54,825.00</b>
<b>IV.</b>	<b>Receipts against Earmarked / Endowment Funds</b>		
	a) Earmarked / Endowment Fund		
	b) Own Funds (other Investment)		
<b>V.</b>	<b>Receipts against Sponsored Projects / Schemes</b>	<b>19,84,11,161.03</b>	<b>28,99,38,786.56</b>
<b>VI.</b>	<b>Receipts against Sponsored Fellowships and Scholarships</b>		
<b>VII.</b>	<b>Income / Receipt on Investment</b>		
	a) Earmarked / Endowment funds	1,10,53,399.15	26,91,294.83
	b) Other Investments		
<b>VIII.</b>	<b>Interest received on</b>		
	a) Bank Deposits	27,65,427.08	3,95,60,440.14
	b) Loans and Advances		
	c) Savings Bank Accounts	36,99,944.36	56,10,947.91
<b>IX.</b>	<b>Investments encashed</b>		
<b>X.</b>	<b>Term Deposits with Scheduled Banks encashed</b>	<b>1,05,56,41,865.85</b>	<b>1,60,83,45,358.41</b>
<b>XI.</b>	<b>Other Income (including Prior Period Income)</b>	1,82,93,350.23	1,43,30,667.50
<b>XII.</b>	<b>Deposits and Advances</b>	<b>98,87,106.00</b>	<b>1,33,19,241.73</b>
<b>XIII.</b>	Miscellaneous Receipts including Statutory Receipts	17,39,98,140.64	17,53,10,126.46
<b>XIV.</b>	Any Other Receipts		
	Hostel Income	21,88,216.13	22,73,810.46
	Receipt against Hostel Current Assets	90,74,799.00	1,92,87,444.60
	Gymkhana Receipt	1,21,78,326.09	47,23,991.58
	CEP Receipt	4,94,38,564.51	87,02,887.39
	<b>TOTAL</b>	<b>2,62,55,09,389.29</b>	<b>3,85,91,86,389.28</b>

  
**Registrar**  
 IIT Bhubaneswar

  
**Director**  
 IIT Bhubaneswar

# Indian Institute of Technology Bhubaneswar

## Receipts and Payments for the Year Ended 31.03.2020 (Contd...)

(Amount in ₹)

Sl. No.	Payments	Current Year 2019-20	Previous Year 2018-19
<b>I.</b>	<b>Expenses</b>		
	a) Establishment Expenses	33,64,18,796.00	27,45,24,122.00
	b) Academic Expenses	16,16,44,442.10	13,45,93,175.58
	c) Administrative Expenses	4,43,02,972.55	4,71,86,757.52
	d) Transportation Expenses	1,31,039.00	61,436.00
	e) Repairs & Maintenance	3,11,520.00	6,68,407.00
	f) Prior Period Expenses	36,28,527.15	(66,742.52)
	g) Finance Cost	3,34,200.68	2,21,235.59
	h) Gymkhana Expenses		47,42,127.90
<b>II.</b>	<b>Payment against Earmarked / Endowment Funds</b>	<b>11,96,039.00</b>	<b>5,61,918.00</b>
<b>III.</b>	<b>Payment against Sponsored Projects / Schemes</b>	<b>24,82,92,838.96</b>	<b>27,14,92,622.15</b>
<b>IV.</b>	<b>Payment against Sponsored Fellowships / Scholarships</b>		
<b>V.</b>	<b>Investments and Deposits made</b>		
	a) Out of Earmarked / Endowment funds	-	19,68,00,191.16
	b) Out of Own funds (Investments - other)		
<b>VI.</b>	<b>Term Deposits with Scheduled Banks</b>	<b>1,00,40,04,780.00</b>	<b>1,41,28,16,000.00</b>
<b>VII.</b>	<b>Expenditure on Fixed Assets and Capital Wrok-in-Progress</b>		
	a) Fixed Assets	56,54,856.23	5,13,35,432.78
	b) Capital Works-in-Progress		62,14,180.00
<b>VIII.</b>	<b>Other Payments including Statutory Payments</b>	<b>59,23,96,784.32</b>	<b>1,22,97,36,594.25</b>
	Capital Fund		
<b>IX.</b>	<b>Refunds of Grants</b>		
<b>X.</b>	<b>Deposits and Advances</b>	<b>7,29,93,559.20</b>	<b>3,14,72,796.61</b>
<b>XI.</b>	<b>Other Payments</b>		
	Hostel Payment	19,55,743.00	19,72,550.81
	Hostel Payment against Fixed Assets	7,30,690.00	3,50,955.00
	Hostel Payment against Current Liabilities	1,54,45,709.11	1,24,92,203.70
	CEP Payment	1,04,57,404.26	94,41,243.65
<b>XII.</b>	<b>Closing Balances</b>		
	a) Cash in Hand		
	b) Bank Balances		
	i) In Current Accounts		
	ii) In deposit Accounts		
	iii) In Savings Accounts	12,56,09,487.73	17,25,69,182.10
<b>TOTAL</b>		<b>2,62,55,09,389.29</b>	<b>3,85,91,86,389.28</b>

  
**Registrar**  
IIT Bhubaneswar

  
**Director**  
IIT Bhubaneswar

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-23

### Significant Accounting Policies Forming Part of the Accounts for the Year Ended 31st March 2020

#### 1. ACCOUNTING CONVENTIONS

- a) The Annual Accounts of the Institute is prepared considering the guiding principles mentioned in the revised Form of Financial Statement for the Central Autonomous Bodies (Educational and similar Institutions) which was recommended by the Ministry of Human Resource Development vide mail dated 25<sup>th</sup> Aug 2014.
- b) The Annual Accounts of the Institute is prepared on accrual system. All income, expenses, assets and liabilities are accounted on accrual basis.
- c) Accounting policies not specifically referred to otherwise, are consistent and in accordance with Indian Generally Accepted Accounting Practices / Principles (GAAP).
- d) Purchase of consumable store 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 financial statements are prepared on accrual basis under the historical cost convention. 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 on 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 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 its purchase price, including import duties and non refundable purchase taxes, after deducting trade discounts and rebates and any costs directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. 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. The carrying amount of an item of property, plant and equipment may be reduced by government grants in accordance with AS 12, 'Accounting for Government Grants' where ever applicable.

- a) Expenditure on 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 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 are of 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 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 2020 (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 project are not own project of the Institute and is subject to transfer, if occasion so arises. The rates adopted in this financial statement are furnished hereunder.

#### b) Tangible Assets

1. Freehold Land	- Nil
2. Site Development	- Nil
3. Building	- 2%
4. Roads & Bridges	- 2%
5. Tube Wells & Water Supply	- 2%
6. Sewerage & Drainage	- 2%
7. Electrical Installation and equipment	- 5%
8. Plant & Machinery	- 5%
9. Scientific & Laboratory Equipment	- 8%
10. Office Equipment	- 7.5%
11. Audio Visual Equipment	- 7.5%
12. Computer & Peripherals	- 20%
13. Furniture, Fixture & Fittings	- 7.5%
14. Vehicles	- 10%
15. Books & Library	- 10%

#### c) Intangible Assets (Amortization)

1. E-Journals	- 40%
2. Computers Software	- 40%
3. Patents and Copy Rights	- 9 Years

d) Assets costing Rs.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.

e) 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 applicable rate.

f) **Intangible assets:** Patents and copy rights, E-Journals and computers Software are grouped under Intangible Assets.

#### 5. MISCELLANEOUS EXPENDITURE

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

#### 6. REVENUE RECOGNITION

The Institute is fully funded by the Ministry of Human Resources & Development (MHRD), 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 bank.

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-23

### Significant Accounting Policies Forming Part of the Accounts for the Year Ended 31st March 2020 (Contd...)

#### 7. RECEIPTS AND EXPENDITURE

- a) The Institute follow mercantile system of accounting and all incomes and expenses accounted for in the books are related to this financial year 2019-20 only.
- b) All income which accrued upto the date of the Balance Sheet, have 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 have adequate internal control procedures to generate, measure, recognize and account 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 have adequate internal control procedures to measure, recognize and account 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 a Internal Audit System which conduct pre-audit of all major expenses above ₹25,000, purchases and works contracts etc.

#### 8. FOREIGN CURRENCY TRANSACTION

Foreign currency transactions have been recorded as per AS-11 'The Effects of Changes in Foreign Exchange Rates' at the exchange rate prevailing at the date of the transaction specified by the Reserve Bank of India. Current assets & liabilities remaining unsettled at the closure of the accounting year are revalued at year end rates and exchange differences are recognized as income or expense for the year, as the case may be.

#### 9. GOVERNMENT GRANTS

Grants received from the government are recognized as per AS- 12 'Accounting for Government Grants'. As the institute is in project mode till 31st March 2019, both recurring and non-recurring Grants-in-aid received from MHRD up to 31<sup>st</sup> March 2019 towards setting up the project were treated as Capital and added to Capital Fund in the Balance Sheet. However, in the year 2019-20, grants-in-aid released by Ministry of Human Resources Development (MHRD) (now Ministry of Education) for meeting recurring expenses has been treated as income and are reflected in the Income and Expenditure Account. Grants to the extent utilized for capital expenditure would be added to Capital Fund as per the provision contained in the 'Formats of Financial Statements for Central Higher Education Institutions' prescribed by the Government of India in erstwhile MHRD. This will be consistently followed henceforth.

#### 10. ACCOUNTING FOR INVESTMENT

Long term investments are stated at cost. Provision for diminution in the value of 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'.



# Indian Institute of Technology Bhubaneswar

## SCHEDULE-23

### Significant Accounting Policies Forming Part of the Accounts for the Year Ended 31st March 2020 (Contd...)

'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 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 the lower of 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 the investments available for physical verification belong to the entity and they do not include any investments held on behalf of any other person.

The entity has clear title to all its investments including such investments which are in the process of being registered in the name of the entity or which are not held in the name of the entity. There are no charges against the investment of the entity except those appearing in the records of the entity.

#### 11. EMPLOYEE BENEFITS

Employee benefits are recognized as per applicable Accounting Standard i.e AS- 15 'Accounting for Employee Benefits'.

- (a) An expense for leave encashment is accounted for on 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 MHRD.
- (b) Expenses in respect of other short term benefits are recognized on the basis of the amount paid or payable for the period during which services are rendered by the employee.
- (c) The employees of this Institute are not covered under any gratuity scheme. MHRD clarified (March 2019 and December 2019) that the matter of extension of Death / Retirement gratuity to the employees of Central Autonomous Bodies covered under National Pension Scheme (NPS) is under consideration of the Finance Ministry.

#### 12. 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 'Accounting for Intangible Assets'. Capital Expenditure on 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.

#### 13. STOCKS

The Value of consumables stores (papers, stationary items, etc.) remaining at the closing of the financial year has been taken as Nil as these have been treated as consumed.

#### 14. 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.

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-23

### Significant Accounting Policies Forming Part of the Accounts for the Year Ended 31st March 2020 (Contd...)

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, copy rights, trade mark infringements or 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 material effect; and
- h) Any other matters for money otherwise for which institute is contingently liable.

#### 15. PURCHASE PROCEDURES THROUGH INSTITUTE STORES & PURCHASE UNIT

Payments made / cheque issued for 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. When the purchases are not materialized due to any reason, the bank advice issued against such purchase Orders are treated and taken into Account as "Refund Due".

#### 16. CORPUS FUND

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

#### 17. Secured Loan from HEFA

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

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-24

### Contingent Liabilities and Notes to Accounts Forming Part of Accounts for the Period Ended 31st March 2020

#### A. CONTINGENT LIABILITIES

1. Claims against the Entity not acknowledged as debts - ₹ 7.67 crore (Previous year ₹ 3.32 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, 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. After 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 2020, MEIL has claimed ₹7.67 crore on this account. The Institute contested the bills and approached the State Government to allow the IIT to make payment for bulk water supply as per its actual intake and the decision of the State Authority has not been received (November 2020). This claim of MEIL has not been acknowledged by the IIT as debt.
  - 1.2 In respect of:
    - Bank guarantees given by / on behalf of any Entity - ₹ NIL (Previous year ₹ NIL)
    - Bills discounted with banks : ₹ NIL (Previous year ₹ NIL)
  - 1.3 Disputed demands in respect of:
    - Income-tax - ₹ NIL (Previous year ₹ NIL)
    - GST- ₹ NIL (Previous year ₹ NIL)
    - Municipal Taxes- ₹ NIL (Previous year ₹ NIL)

#### B. NOTES ON ACCOUNTS

##### 1. GOVERNMENT GRANT

Considering repeated observations raised in CAG Audit, grants-in-aid of ₹64.46 crore released by MHRD (now Ministry of Education) during 2019-20 for meeting recurring expenses as indicated in table below, has been recognised as revenue income and has been reflected in the Income and Expenditure Account. As capital grants received in earlier years were already added to Capital Fund in the years concerned and capital expenditure were incurred during 2019-20 out of such unspent capital grants, so this capital expenditure was not added to the capital fund to avoid duplication. No capital grant was released by the MHRD (MoE) during 2019-20.

Installment No	Sanction Letter No. and Date	Grants Sanctioned (₹ in crore)	Grants Received (₹ in crore)
1	F.NO.14-1/2019-TS.1 dated 29.07.2019	2.10	2.10
2	F.NO.14-1/2019-TS.1 dated 08.08.2019	3.60	3.60
3	F.NO.14-1/2019-TS.1 dated 05.09.2019	4.00	4.00
4	F.NO.14-1/2019-TS.1 dated 25.10.2019	2.35	2.35
5	F.NO.14-1/2019-TS.1 dated 11.11.2019	5.50	5.50
6	F.NO.14-1/2019-TS.1 dated 18.12.2019	18.81	18.81
7	F.NO.14-1/2019-TS.1 dated 20.01.2020	7.90	7.90
8	F.NO.14-1/2019-TS.1 dated 07.02.2020	7.90	7.90

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-24

### Contingent Liabilities and Notes to Accounts Forming Part of Accounts for the Period Ended 31st March 2020 (Contd...)

Installment No	Sanction Letter No. and Date	Grants Sanctioned (₹ in crore)	Grants Received (₹ in crore)
9	F.NO.14-1/2019-TS.1 dated 06.03.2020	7.88	7.88
1 EWS	F.NO.27-4/2019-TS.1 dated 31.12.2019	4.42	4.42
<b>Total GIA Sanctioned</b>		<b>64.46</b>	<b>64.46</b>

Government grant received from MHRD are kept in exclusive bank account maintained with the Syndicate Bank, Bhubaneswar (since merged with Canara Bank). Interest earned on unspent fund kept in saving bank account and term deposits are treated as income of the Institute and accounted for in the 'Income and Expenditure Account'

#### 2. ENDOWMENT FUND

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

#### 3. CORPUS FUND

During the year 2019-20, in addition to interest of ₹5.41 crore received during the year on investment of Institute Corpus Fund, internal income of ₹18.05 crore being tuition and other fee collected from students etc. (after transfer of ₹3.44 crore towards repayment of HEFA loan) was transferred to Corpus Fund as per the decision taken vide Agenda No. BoG-15-28 in 15<sup>th</sup> meeting of the Board of Governors (BoG).

#### 4. FIXED ASSETS AND DEPRECIATION

4.1 **Land:** Out of 943.491 acre of land allotted by the Government of Odisha to this Institute, advance possession of 618.665 acre (non-forest land) has been taken by the Institute while conversion of forest land of 302.377 acre is under process. The amount shown under land is the expenditure incurred on applying for conversion of forest land and other related expenses.

4.2 **Depreciation:** Depreciation on fixed assets is provided on Straight Line Method. Depreciation is provided for the whole year on additions during the year. Depreciation has not been charged on SRIC / R&D Assets (Project) since those project are not own project of the Institute and is subject to transfer, if occasion so arises.

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

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

Description	Gross Block			
	Cost / Valuation as at the beginning of the Year 01.04.2019	Additions during the Year 2019-20	Deductions during the Year 2019-20	Cost / Valuation as at the End 31.03.2020
1 PLANT MACHINERY & EQUIPMENT	19,32,21,636.93	5,44,86,811.80	-	<b>24,77,08,448.73</b>
2 FURNITURE & FIXTURES	27,58,497.00	33,557.00	-	<b>27,92,054.00</b>
3 OFFICE EQUIPMENT	48,225.00	2,01,540.00	-	<b>2,49,765.00</b>
4 COMPUTER / PERIPHERAL	2,46,07,265.46	5,88,515.00	-	<b>2,51,95,780.46</b>
<b>TOTAL OF CURRENT YEAR</b>	<b>22,06,35,624.39</b>	<b>5,53,10,423.80</b>	-	<b>27,59,46,048.19</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-24

### Contingent Liabilities and Notes to Accounts Forming Part of Accounts for the Period Ended 31st March 2020 (Contd...)

- 4.5 **Assets transferred:** The buildings and infrastructure of Bhubaneswar campus of IIT, Kharagpur used by this Institution was handed over to IIT, Kharagpur on 30 June 2018 along with furniture, fixture, electrical fittings and air conditioners. Provisional salvage value of these items were assessed as ₹27.05 lakh. However, IIT, Kharagpur agreed only to take those equipment/ furniture which are in working condition and it was decided that a Committee involving officials of both IITs would work out the amount payable by IIT, Kharagpur. Matter is under correspondence.
- 4.6 **Impairment of Fixed Assets in cyclone FANI:** Cyclone FANI which hits the State on 3 May 2019 caused serious damage to the assets of the Institute. Damage to the assets were later rectified / repaired excepting for Solar PV System. The Solar PV system commissioned in May 2018 and capitalized during 2018-19 at ₹ 2,48,56,720 (₹1.89 crore already paid) was severely damaged in cyclone FANI on 3 May 2019 and is not in operational condition since then. Salvaged value of assets as reported by the Engineering Section was approximately ₹ 65 lakh. An amount of ₹31,07,090 has already been recovered from the agency by way of encashment of PBG during August 2019 and a claim for ₹10.49 crore (including loss of solar energy generation) was made. Depreciation has been provided as the asset functioned for part of the year up to 2 May 2019 as per the policy of the Institute. Asset value has not been reduced as the matter of rectification of the system at the risk and cost of the agency is under correspondence.
5. **Goods and Service Tax and interest for delayed payment claimed by SR Corporate:** M/s SR Corporate Consultants (P) Limited which executed the Roof Top Solar Photo Voltaic (PV) Plant on roof tops of different buildings and has delayed the commissioning by 236 days, has claimed (April 2019) ₹31.19 lakh towards interest for delayed payment of its dues and Goods and Services Tax (GST) of ₹22.35 lakh. Both remained disputed as the contract was inclusive of all taxes and delay of 113 days was attributed to the agency. Besides, the solar system was not insured despite contract provision for insurance coverage till completion of five years of operation and maintenance period. The system has been severely damaged in Cyclone FANI (3 May 2019). Thus, above claim has not been acknowledged by the Institute as debt.
6. **Additional claim by CPWD:** CPWD executed the phase 1 projects and total expenditure reported is ₹420,14,60,487 up to March 2020 against the original sanction of ₹414.60 crore. The expenditure was increased by ₹5.39 crore due to reimbursement of service tax on contracts executed after 1 March 2015 which was not included in the original sanction as service tax was exempted for this Institute at the time of according administrative approval. CPWD intimated about additional liability of ₹6.25 crore on four works for which final bills were not paid due to want of fund on above ground. However as the final bills of these works have not been passed by CPWD, the matter is under correspondence and such claim has not been acknowledged as debt.
7. **Interest on advances paid to NBCC:** As per interest certificate submitted by NBCC, total interest earned by NBCC out of IIT deposit was ₹13,56,03,016 up to 31<sup>st</sup> March 2020. Same also agrees with that shown in Form 26AS of Income Tax Department. Such interest income has been added to the Capital Fund and interest income after deduction of TDS has been shown as advance to NBCC (₹12,20,42,714).
8. **HEFA Loan:** During the year 2019-20, loan of ₹12.97 crore was availed by the Institute for payment to NBCC out of ₹275 crore sanctioned during July 2018. As per the GoI Guidelines, entire interest and 75 per cent of principal repayment is to be borne by MHRD and 25 per cent of principal repayment is to be paid by the Institute out of its own revenue generation. As a precondition to draw such loan, ₹13.75 crore (₹10.31 crore released by MHRD and ₹3.44 crore met by the Institute) was deposited during the year in Escrow Account No. 4 maintained with Canara Bank, Jatani in the name of the Institute, as insisted by HEFA. No instalment for repayment of principal fell due during the year. However, interest for the quarter ended 31<sup>st</sup> March 2020 accrued during the year (₹ 5,62,934) but demanded and paid during April 2020 has been accounted for under current liabilities.

# Indian Institute of Technology Bhubaneswar

## SCHEDULE-24

### Contingent Liabilities and Notes to Accounts Forming Part of Accounts for the Period Ended 31st March 2020 (Contd...)

9. **Employee benefit:** All employees of this Institution (excepting two on lien from IIT, Kharagpur and Institute of Physics) are covered under New Pension Scheme / National Pension System (NPS) as on 31<sup>st</sup> March 2020. Death gratuity and retirement gratuity has been extended by the Government of India to its employees covered under NPS with effect from 1 January 2004 vide OM dated 26 August 2016. However, said order has not been extended to Centrally Funded Technical Institutions (CFRTIs) that are following the same pattern of pay and allowances as applicable to central Government employees. Though the Ministry of Human Resources Development has clarified (March 2019) that the matter of extension of the same to Central autonomous bodies is under consideration of the Central Government but further instructions have not been received (October 2020).

Besides, on a reference made by the Institute based on observations of CAG Audit for creation of a leave encashment fund as per AS 15, MHRD clarified that such expenses are permissible to be met out of grants-in-aid released to the Institute.

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

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**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**

Argul, Khordha, PIN - 752050, Odisha, INDIA

[www.iitbbs.ac.in](http://www.iitbbs.ac.in)