



# Annual Accounts 2020 - 21

**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**







# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

AN AUTONOMOUS INSTITUTION UNDER MINISTRY OF EDUCATION  
(FORMERLY KNOW AS MINISTRY OF HUMAN RESOURCE DEVELOPMENT)

## GOVERNMENT OF INDIA

(Established under the Institutes of Technology (Amendment) Act, 2012, Act No. 34 of 2012)

# STATEMENT OF ACCOUNTS 2020-2021

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

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

**Shri Debaraj Rath**  
Registrar In-Charge

## Auditor

The Comptroller & Auditor General of India  
Pocket-9, Deen Dayal Upadhyay Marg, New Delhi-110124



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महानिदेशक लेखापरीक्षा (केंद्रीय) का कार्यालय  
सैफाबाद, हैदराबाद - ५०० ००४  
**OFFICE OF THE  
DIRECTOR GENERAL OF AUDIT (CENTRAL)**  
SAIFABAD, HYDERABAD - 500 004.

No. DGA(C)/BO-Odisha/SAR.2020-21/IIT BBSR/2021-22/

Date:-21.12.2021

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 2020-21-reg

Madam/Sir,

Separate Audit Report on the accounts of Indian Institute of Technology Bhubaneswar, Odisha  
for the year 2020-21, 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.

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

भवदीय,

संल:यथोपरि

महा निदेशक लेखापरीक्षा (केंद्रीय)  
**Director General of Audit (Central)**

✓ No. DGA(C)/BO-Odisha/SAR.2020-21/IIT BBSR/2021-22/२२५

Date-21.12.2021

Copy to The Director, Indian Institute of Technology Bhubaneswar, At- Argul, Khordha 752050 Odisha  
along with one copy of Annual Accounts for the year 2020-21 ( English version), with a request to furnish  
the Hindi version of the approved Annual Accounts 2020-21 (2 sets), to Branch Office- Odisha

संल:यथोपरि

Dy. Director/CRA



**SEPARATE AUDIT REPORT ON THE ACCOUNTS OF INDIAN INSTITUTE OF TECHNOLOGY (IIT), BHUBANESWAR FOR THE FINANCIAL YEAR 2020-21**

We have audited the attached Balance Sheet of the Indian Institute of Technology, Bhubaneswar as at 31 March 2021, 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. General:**

No provisions for retirement benefit were made as per provision of AS 15.

**B. Grants-in-Aid**

The total Grants-in-Aid(GIA) available for expenditure during the year 2020-21 was Rs 127.54 crore which includes OB of Rs 30.65 crore, GIA received Rs 87.71 crore and interest earned on GIA Rs 2.30 crore and other income Rs. 6.88 crore. Out of Rs 127.54 crore, the institute could utilize Rs.125.81 crore leaving unutilized grants of Rs.1.73 crore at the end of the financial year.

**D. Management Letter:** Deficiencies which have not been included in the Audit Report have been brought to the notice of the Director, IIT, Bhubaneswar through a management letter issued separately for remedial / corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, 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<sup>st</sup> March 2021; 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 2020-21 was conducted by the Internal Audit Wing of the Institute constituted for the purpose.

2. **Adequacy Internal Control System:** The Grants-in-Aid Register, Investment Register and different Advance Register, Expenditure Control Register, HBA, TA & LTC Bill Register and Medical Claim Register are not maintained in hard copy in the prescribed format though the related information which are to be entered in the relevant registers cited above are generated through Tally System. There should be a set of Rules, policies, and procedures in order to provide direction, increase efficiency and strengthen adherence to policies of the organization.

Further, the Institute did not maintain following important records in hard copy form though it is stated to have been maintained in electronic form.

- (b) Recruitment Policy
- (c) Accounting Manual
- (d) Academic Manual.

Institute is yet to prepare an Administrative Manual of it's own though it has been following instructions/guideline of the GOI on administrative matters.

3. **System of Physical Verification of Fixed Assets:** The Annual Physical Verification of Fixed Assets of the Institute for the year 2020-21 has been conducted by the Committee constituted for the purpose by IIT, Bhubaneswar.

4. **System of Physical Verification of Inventory:** IIT, Bhubaneswar has no Inventory Management System for the year 2020-21.

5. **Regularity in payment of statutory dues:** The institute is regular in depositing the statutory dues with appropriate authorities.

  
**Dy. Director/CRA**

## Parawise compliance to the observations of CAG contained in Separate Audit Report on the accounts of IIT Bhubaneswar for the year 2020-21

CAG Audit observation	Replies of IIT Bhubaneswar
<ol style="list-style-type: none"> <li>1. We have audited the attached Balance Sheet of the Indian Institute of Technology, Bhubaneswar as at 31 March 2021, Income &amp; Expenditure Account and Receipts &amp; Payment Account for the year ended on that date under Section 19 (2) of the Comptroller &amp; 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.</li> <li>2. This Separate Audit Report contains the comments of the Comptroller &amp; 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 &amp; Regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.</li> <li>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.</li> </ol>	<p>Factual observation. Needs no compliance.</p>



CAG Audit observation	Replies of IIT Bhubaneswar
<p>4. Based on our audit, we report that:</p> <p>(i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;</p> <p>(ii) The Balance Sheet and Income &amp; Expenditure Account/ Receipts &amp; 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.</p> <p>(iii) In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required, in so far as it appears from our examination of such books.</p> <p>(iv) We further report that:</p>	<p>Factual position. Needs no reply.</p>
<p><b>A. General</b></p> <p>No provisions for retirement benefit were made as per provision of AS 15.</p>	<p>Retirement benefits includes gratuity and leave encashment. MOE clarified that the matter of extension of death and retirement gratuity to employees of autonomous bodies covered under NPS is under consideration of the Union Ministry of Finance. Besides, it has also clarified that leave encashment is payable out of Government Grant.</p> <p>In view of the above, there is no requirement for making any provision for retirement benefits in the Annual Accounts as per the provisions of AS 15.</p>
<p><b>B. Grants-in-Aid</b></p> <p>The total Grants-in-Aid (GIA) available for expenditure during the year 2020-21 was ₹127.54 crore which includes OB or ₹30.65 crore, GIA received ₹87.71 crore and interest earned on GIA ₹2.30 crore and other income ₹6.88 crore. Out of ₹127.54 crore, the institute could utilize Rs.125.81 crore leaving unutilized grants of ₹1.73 crore at the end of the financial year.</p>	<p>The observation is correct and no compliance is necessary.</p>

CAG Audit observation	Replies of IIT Bhubaneswar
<p><b>C. Management Letter:</b> Deficiencies which have not been included in the Audit Report have been brought to the notice of the Director, IIT, Bhubaneswar through a management letter issued separately for remedial/ corrective action</p>	<p>In the Management letter, the Institute has been advised to refund to the Government of India, the interest of ₹2.30 crore earned during 2020-21 on unspent Government Grant. The Institute has already shown this amount as payable to the Ministry and has requested (October/ November 2021) MoE to intimate the bank account number in which said fund will be deposited. On receipt of the same, the amount will be refunded to Gol.</p>
<p>(v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income &amp; Expenditure Account and Receipts and Payments Accounts dealt with by this report are in agreement with the books of accounts.</p>	<p>Factual comments. Needs no reply.</p>
<p>(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 <b>Annexure- I</b> to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.</p> <p>(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 31st March 2021; and</p> <p>(b) In so far as it relates to Income &amp; Expenditure Account of the deficit for the year ended on that date.</p>	<p>Factual comments. Needs no reply.</p>



## Replies on observations contained in Annexure A

<p>1. <b>Adequacy of Internal Audit System:</b> The internal audit of the Institute for the year 2020-21 was conducted by the Internal Audit Wing of the Institute constituted for the purpose.</p>	<p>Factual comments. Needs no reply.</p>
<p>2. <b>Adequacy Internal Control System :</b> The Grants-in-Aid Register, Investment Register and different Advance Register , Expenditure Control Register, HBA, TA &amp; LTC Bill Register and Medical Claim Register are not maintained in hard copy in the prescribed format though the related information which arc to be entered in the relevant registers cited above are generated through Tally System. There should be a set of Rules , policies , and procedures in order to provide direction, increase efficiency and strengthen adherence to policies of the organization.</p> <p>Further, the Institute did not maintain following important records in hard copy form though it is stated to have been maintained in electronic form.</p> <p>(b) Recruitment Policy (c) Accounting Manual (d) Academic Manual</p> <p>Institute is yet to prepare an Administrative Manual of it's own though it has been following instructions/ guideline of the GOI on administrative matters</p>	<p>The Grants-in-Aid Register and Investment (Fixed Deposit) Register are maintained in bounded Registers and same have already been produced to CAG Audit. .</p> <p>Regarding maintenance of HBA, Motor Car/ Motor Cycle advance, TA, LTC and Medical Claim, General Advance Register, same are being maintained electronically as the Institute is maintaining its accounts in ERP (Tally ERP 9) and hard copies of concerned ledgers were produced before and furnished to the CAG Audit party.</p> <p>Rules, policies and procedures of the Institution have been prescribed by the Government of India in the First Statutes published in the extra-ordinary Gazette of India dated 31.7.2017. Besides, circulars and instructions issued by the Government of India including on recruitment of faculties and endorsed by the Administrative Ministry are also being complied with.</p> <p>Faculty recruitments are done by open selection and there are no promotion strictly as per the Statutes.</p> <p>However, 'Recruitment and Promotion Policy' for non-teaching staff of this IIT has already been approved by the BoG and has been sent to MoE for approval.</p> <p>Provisions of GFR 2017 and procedure prescribed in the 'Formats of Financial Statements for Central Higher Educational Institutions' prescribed by MoE in 2015 are strictly being followed in financial matters.</p> <p>However, preparation of 'Finance and Accounts Manual' and 'Academic Manual' consolidating all the extant Rules and orders is under preparation. Preparation of separate Administrative Manual is not felt necessary as instructions/guideline of the GOI on administrative matters are being followed by the Institute.</p>
<p>3. <b>System of Physical Verification of Fixed Assets:</b> The Annual Physical Verification of Fixed Assets of the Institute for the year 2020-21 has been conducted by the Committee constituted for the purpose by UT, Bhubaneswar.</p>	<p>Factual comments. Needs no reply.</p>
<p>4. <b>System of Physical Verification of Inventory:</b> IIT, Bhubaneswar has no Inventory Management System for the year 2020-21</p>	<p>There is no central store in the Institute and stationary as well as laboratory chemicals are being purchased in small quantity on need basis by the schools. Consumable store registers maintained by the Schools have already been produced before Audit.</p>
<p>5. <b>Regularity in payment of statutory dues:</b> The institute is regular in depositing the statutory dues with appropriate authorities</p>	<p>Factual comments. Needs no reply.</p>



# ANNUAL ACCOUNTS

# Indian Institute of Technology Bhubaneswar

Balance Sheet as at 31st March 2021

(Amount in ₹)

Sources of Funds	Schedule	CURRENT YEAR 2020-21	Previous Year 2019-20
<b>Capital Fund</b>	<b>1</b>	8,62,35,16,474.80	8,52,73,94,999.07
<b>Designated/Earmarked/Endowment Funds</b>	<b>2</b>	1,43,84,97,410.26	1,18,06,61,677.99
<b>Current Liabilities &amp; Provisions</b>	<b>3</b>	1,75,36,29,904.67	1,21,51,83,734.54
<b>Secured Loan</b>	<b>3 (I)</b>	39,05,10,000.00	17,97,00,000.00
<b>TOTAL</b>		<b>12,20,61,53,789.73</b>	<b>11,10,29,40,411.60</b>

Application of Funds	Schedule	CURRENT YEAR 2020-21	Previous Year 2019-20
<b>Fixed Assets</b>	<b>4</b>		
Tangible Assets		7,29,23,69,115.19	7,19,00,76,092.54
Intangible Assets		48,97,04,197.35	40,98,78,801.29
Capital Work-In-Progress		3,31,28,38,723.92	2,41,24,54,650.00
		11,09,49,12,036.46	10,01,24,09,543.83
Less:- Depreciation		1,86,74,46,520.71	1,57,10,22,600.17
Net Block Fixed Assets		9,22,74,65,515.75	8,44,13,86,943.66
<b>Investments from Earmarked Funds/Endowmnt Funds</b>	<b>5</b>		
Long Term		9,11,09,984.62	8,74,48,807.38
Short Term		-	-
<b>Investments-Others</b>	<b>6</b>	1,32,56,45,655.76	-
<b>Current assets</b>	<b>7</b>	92,61,30,208.74	2,08,69,33,943.53
<b>Loans, Advances &amp; Deposits</b>	<b>8</b>	63,58,02,424.86	48,71,70,717.03
<b>TOTAL</b>		<b>12,20,61,53,789.73</b>	<b>11,10,29,40,411.60</b>

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**Registrar**  
IIT Bhubaneswar



**Director**  
IIT Bhubaneswar

# Indian Institute of Technology Bhubaneswar

## Income & Expenditure Account for the Year ended 31st March 2021

(Amount in ₹)

Income	Schedule	Current Year 2020-21	Previous Year 2019-20
Academic Receipts	9	5,07,03,741.00	9,09,15,059.00
Grants/Subsidies	10	76,92,41,544.72	54,15,00,000.00
Income from Investments	11	-	-
Interest Earned	12	7,77,456.77	5,25,08,315.93
Other Income	13	19,38,347.94	73,24,063.79
Prior Period Income	14	-	-
<b>TOTAL (A)</b>		<b>82,26,61,090.43</b>	<b>69,22,47,438.72</b>

Expenditure	Schedule	Current Year 2020-21	Previous Year 2019-20
Staff Payments & Benefits (Establishment Expenses)	15	40,22,75,029.62	37,89,79,753.00
Academic Expenses	16	23,93,50,582.13	19,74,93,845.10
Administrative and General Expenses	17	18,20,42,105.28	25,63,22,610.78
Transportaion Expenses	18	69,27,113.00	1,12,25,422.00
Repairs & Maintenance	19	3,04,37,081.48	3,92,36,181.10
Finance cost	20	1,10,582.68	3,34,200.68
Depreciation	4	29,67,53,112.53	27,05,28,870.68
Other Expenses	21	-	-
Prior Period Expenses	22	1,51,45,531.13	59,53,215.15
<b>TOTAL (B)</b>		<b>1,17,30,41,137.85</b>	<b>1,16,00,74,098.49</b>
Balance being excess of Expenditure over Income (A-B)		(35,03,80,047.42)	(46,78,26,659.77)
<b>Balance being deficit carried to capital fund</b>		<b>(35,03,80,047.42)</b>	<b>(46,78,26,659.77)</b>

Significant Accounting Policies	23
Contingent Liabilities and Notes to Accounts	24

  
**Registrar**  
IIT Bhubaneswar

  
**Director**  
IIT Bhubaneswar

**Indian Institute of Technology Bhubaneswar**Receipts and Payments Account for the Year ended 31<sup>st</sup> March 2021

(Amount in ₹)

Sl. No.	RECEIPTS	CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20	Sl. No.	PAYMENTS	CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20
I.	Opening Balance			I.	EXPENSES		
	a) Cash in Hand	-	-		a) Establishment Expenses	35,52,64,376.82	33,64,18,796.00
	b) Bank Balances				b) Academic Expenses	13,40,74,215.55	16,16,44,442.10
	i) In Current accounts				c) Administrative Expenses	4,69,81,766.00	4,43,02,972.55
	ii) In deposit accounts				d) Transportation Expenses	62,219.00	1,31,039.00
	iii) In Savings accounts	12,56,09,487.73	17,25,69,182.10		e) Repairs & Maintenance	1,28,165.00	3,11,520.00
					f) Prior Period Expenses	3,58,268.00	36,28,527.15
					g) Finance Cost	1,12,311.68	3,34,200.68
II.	Grants Received			II.	Payment against Earmarked/ Endowment Funds	37,05,719.00	11,96,039.00
	a) From Govt. of India	87,71,39,119.00	64,46,00,000.00				
	b) From State Government						
	c) From Other Sources (Details)						
	(Grants from Capital and Revenue expenses to be Shown Separately)						
III.	Academic Receipts	29,75,79,626.00	26,17,09,907.12	III.	Payment against Sponsored Projects/ Schemes	27,73,73,961.39	24,82,92,838.96
IV.	Receipts against Earmarked/ Endowment Funds :			IV.	Payment against Sponsored Fellowships/ Scholarships		
	a) Earmarked/ Endowment Fund						
	c) Own Funds (other Investment)						
V.	Receipts against Sponsored Projects/ Schemes	30,60,02,487.33	19,84,11,161.03	V.	Investments and Deposits made		
					a) Out of Earmarked/ Endowment funds		-
					b) Out of Own funds (Investments - other)		
VI.	Receipts against Sponsored Fellowships and Scholarships			VI.	Term Deposits with Scheduled Banks	1,17,18,69,503.12	1,00,40,04,780.00
VII.	Income/ receipt on Investment			VII.	Expenditure on Fixed Assets and Capital Work-in-Progress		
	a) Earmarked/ Endowment funds	14,36,381.39	1,10,53,399.15		a) Fixed Assets	2,28,245.53	56,54,856.23
	b) other Investments				b) Capital Works-in-Progress		

# Indian Institute of Technology Bhubaneswar

## Receipts and Payments Account for the Year ended 31st March 2021

(Amount in ₹)

Sl. No.	RECEIPTS	CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20	Sl. No.	PAYMENTS	CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20
VIII.	Intrest received on			VIII.	Other Payments including statutory payments	49,34,88,227.54	59,23,96,784.32
	a) Bank deposits	1,77,51,699.85	27,65,427.08		Capital fund		
	b) Loans and Advances				HEFA Loan	27,50,00,000.00	
	c) Savings Bank Accounts	12,82,059.54	36,99,944.36				
IX.	Investments encashed			IX.	Refunds of Grants		
X.	Term Deposits wih Scheduled Banks encashed	1,15,54,34,061.91	1,05,56,41,865.85	X.	Deposits and Advances	7,71,43,197.46	7,29,93,559.20
XI.	Other Income (including Prior Period Income)	27,33,874.90	1,82,93,350.23	XI.	Other Payments		
	Hostel Receipt	2,45,14,993.56	21,88,216.13		Hostel	8,81,100.25	19,55,743.00
	Receipt against Hostel Current Assets	2,63,59,581.00	90,74,799.00		Hostel Payment against Fixed Assets	98,370.00	7,30,690.00
	Gymkhana Receipt	9,58,722.38	1,21,78,326.09		Hostel Payment against Current Liabilities	3,78,86,040.00	1,54,45,709.11
	CEP Receipt	55,53,857.96	4,94,38,564.51		CEP Payment	1,31,13,097.44	1,04,57,404.26
	Guest House Receipt	20,24,647.62			Gymkhana payment	10,10,174.00	
	S K Bet Receipt	62,18,362.00			Guest House Payment	20,96,212.59	
					S K Bet Payment	62,26,702.00	
XII.	Deposits and Advances	1,49,14,933.00	98,87,106.00	IX	Closing Balances		
					a) Cash in Hand		
XIII.	Miscellaneous Receipts including Statutory Receipts	18,54,52,612.38	17,39,98,140.64		b) Bank Balances		
					i) In Current accounts		
XIV	Any Other Receipts				ii) In deposit accounts		
					iii) In Savings accounts	15,38,64,635.18	12,56,09,487.73
	<b>TOTAL</b>	<b>3,05,09,66,507.55</b>	<b>2,62,55,09,389.29</b>		<b>TOTAL</b>	<b>3,05,09,66,507.55</b>	<b>2,62,55,09,389.29</b>



Registrar  
IIT Bhubaneswar



Director  
IIT Bhubaneswar

**Indian Institute of Technology Bhubaneswar****SCHEDULE - 1 : CAPITAL FUND**

(Amount in ₹)

<b>PARTICULARS</b>		<b>CURRENT YEAR 2020-21</b>	<b>PREVIOUS YEAR 2019-20</b>
	Balance at beginning of the year	8,52,73,94,999.07	8,98,87,11,229.84
Add:	MOE Grant for Repayment of HEFA Loan	20,62,50,000.00	10,31,00,000.00
Add:	MOE Grant for Repayment of HEFA Loan Interest	1,67,89,119.00	
Add:	Grants from MOE, Government of India to the extent utilized for capital expenditure	13,89,82,244.15	-
Add:	HEFA loan repayment (Institute Share) from Fees	6,87,50,000.00	-
Add:	Encashment of PBG of defaulted contractors engaged by Ms NBCC	26,37,00,000.00	-
Add:	Income from Sale of Fixed Assets	2,35,544.00	-
Add:	Other Additions (Interest earned on advance to NBCC)	1,66,881.00	66,83,657.00
Add:	Unutilised Grant Under Head - 31 and 36 (shown in Current Assets)	5,80,61,955.10	
Less:	Unutilised Grant Under Head - 31 and 36 as on 01.04.2020 taken into account	9,21,56,746.06	
Less:	Fixed Assets donated/ lost from Institute fund	-	1,73,228.00
Less:	Unutilised Grant Under Head - 35 (as on 01.04.20 shown in Current Liabilities)	21,42,77,474.04	-
Less:	Grant in Aid for HEFA loan repayment (Loan security)	-	10,31,00,000.00
	<b>Total</b>	<b>8,97,38,96,522.22</b>	<b>8,99,52,21,658.84</b>
	<b>Deduct :Deficit transferred from the Income &amp; Expenditure Account</b>	(35,03,80,047.42)	(46,78,26,659.77)
	<b>BALANCE AS AT THE YEAR END</b>	<b>8,62,35,16,474.80</b>	<b>8,52,73,94,999.07</b>



# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 2 : DESIGNATED / EARMARKED / ENDOWMENT FUNDS

PARTICULARS	FUND WISE BREAK UP				TOTAL	
	Corpus Fund		Student Brotherhood Fund (SBF)	Endowment Fund	CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20
	Institute	R & D				
<b>A.</b>						
a) Opening Balance	1,02,79,36,602.50	5,21,39,542.94	57,72,190.00	9,48,13,342.55	1,18,06,61,677.99	92,97,31,070.41
b) Additions during the year	19,47,81,758.28	1,18,95,942.00	5,20,600.00	-	20,71,98,300.28	-
c) Income from Investments made on account of funds (Sch - 11)	4,54,03,582.24	20,42,728.84	3,29,545.83	69,66,484.20	5,47,42,341.11	6,09,07,943.12
d) Accrued Interest on investment /Advances	-	-	-	-	-	-
e) Interest on Savings Bank Account (Sch - 11)	6,773.15	-	-	99,372.93	1,06,146.08	1,30,097.97
f) Other additions- Donations/Grants/Adjustment	-	-	-	-	-	19,16,09,791.49
<b>TOTAL (A)</b>	<b>1,33,42,06,929.95</b>	<b>66,22,335.83</b>	<b>10,18,79,199.68</b>	<b>1,44,27,08,465.46</b>	<b>1,18,23,78,902.99</b>	
<b>B.</b>						
Utilisation/Expenditure towards objectives of funds						
i) Capital Expenditure						
Fixed Assets						
Others						
ii) Revenue Expenditure*						
Salaries, Wages and allowances etc.	10,30,661.00	-	-	-	10,30,661.00	3,73,736.00
Rent						
Other Administrative Expenses	9,09,592.20	-	-	22,70,802.00	31,80,394.20	13,43,489.00
<b>TOTAL (B)</b>	<b>19,40,253.20</b>	<b>-</b>	<b>-</b>	<b>22,70,802.00</b>	<b>42,11,055.20</b>	<b>17,17,225.00</b>
<b>CLOSING BALANCE AS AT THE YEAR END (A-B)</b>	<b>1,33,22,66,676.75</b>	<b>66,22,335.83</b>	<b>9,96,08,397.68</b>	<b>1,43,84,97,410.26</b>	<b>1,18,06,61,677.99</b>	
Represented by						
Cash and Bank Balances	2,02,219.00	-	-	2,309.96	2,04,528.96	10,91,299.21
Investments in TDR	1,27,14,24,635.23	4,81,04,787.23	61,16,233.30	9,11,09,984.62	1,41,67,55,640.38	1,13,01,57,251.61
Interest accrued but due	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,31,97,31,641.46</b>	<b>61,16,233.30</b>	<b>9,11,12,294.58</b>	<b>1,41,69,60,169.34</b>	<b>1,13,12,48,550.82</b>	

### Notes

- Institute created Corpus fund as per BOG Agenda No- BOG-15-28. In the financial Year 2020-21 amount received way of student fee, miss income, Liquidate damage, interest on security and interest on student fees were transferred to Corpus fund. R & D Corpuses is a part of this Corpus fund.
- As per Student Brotherhood Fund Policy (SBFP) contribution collected from students are added to the Fund along with interest income.
- MGM Endowment Fund :Provision (80% of Income as per MOU) is made for payment of Salaries, Wages, allowances Creation of Assets and other expenses and remaining 20% has been added to the fund account.
- Best out going student (Fund T. V. Mohandas Pai) Fund: Provision (75% of Income as per MOU) is made for distribution of award and recurring expenses and remaining 25% has been added to Fund account.
- B K Dey memorial award of most innovative project (Fund Piyali De) :Provision (80% of Income as per MOU) is made for distribution of award and recurring expenses and remaining 20% has been added to Fund account.



# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 2A: ENDOWMENT FUNDS

(Amount in ₹)

Sl. No.	Name of the Endowment	Opening Balance 2020-21		Additions during 2020-21		Total		Expenditure on the object during the FY 2020-21	Closing Balance 20120-21		Total (10+11) 2020-21
		Endowment	Accumulated Interest	Endowment	Interest	Endowment (3+5)	Accumulated Interest (4 + 6)		Endowment	Accumulated Interest	
1	2	3	4	5	6	7	8	9	10	11	12
1	MGM Endowment Fund	3,00,00,000.00	1,62,30,624.40	-	27,95,308.53	3,00,00,000.00	1,90,25,932.93	21,35,802.00	3,00,00,000.00	1,68,90,130.93	4,68,90,130.93
2	Best B. Tech thesis in Electrical & Mechanical Science (Tejwasi & Dinesh award)	4,00,000.00	93,647.50	-	34,037.88	4,00,000.00	1,27,685.38	20,000.00	4,00,000.00	1,07,685.38	5,07,685.38
3	Best outgoing student (Fund T. V. Mohandas Pal)	10,00,000.00	2,10,888.57	-	85,070.87	10,00,000.00	2,95,959.44	60,000.00	10,00,000.00	2,35,959.44	12,35,959.44
4	B K Dey memorial award of most innovative project (Fund Piyali De)	16,00,000.00	2,70,217.55	-	1,29,710.39	16,00,000.00	3,99,927.94	55,000.00	16,00,000.00	3,44,927.94	19,44,927.94
5	S K BET Endowment fund	3,00,00,000.00	1,48,60,717.05	-	40,12,390.00	3,00,00,000.00	1,88,73,107.05	-	3,00,00,000.00	1,88,73,107.05	4,88,73,107.05
6	Abhijit Gangopadhyay	1,28,140.00	19,107.48	-	9,339.46	1,28,140.00	28,446.94	-	1,28,140.00	28,446.94	1,56,586.94
<b>TOTAL</b>		<b>6,31,28,140.00</b>	<b>3,16,85,202.55</b>	<b>-</b>	<b>70,65,857.13</b>	<b>6,31,28,140.00</b>	<b>3,87,51,059.68</b>	<b>22,70,802.00</b>	<b>6,31,28,140.00</b>	<b>3,64,80,257.68</b>	<b>9,96,08,397.68</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 3 : CURRENT LIABILITIES AND PROVISIONS

(Amount in ₹)

		Current Year 2020-21	Previous Year 2019-20
<b>A.</b>	<b>CURRENT LIABILITIES</b>		
<b>A</b>	<b>Deposits from staff</b>	-	-
<b>B</b>	<b>Deposits from students</b>		
1	Hostel Fees (Caution money)	1,13,93,425.00	84,82,425.00
2	Institute (Caution money)	58,35,385.00	54,98,385.00
3	Institute (Caution money) Ex- Student	13,26,000.00	-
4	Library Fee(Caution money)	71,92,750.00	55,29,750.00
5	Ph D (Caution Money Ex-Student)	46,000.00	46,000.00
6	Mess (Caution Money)	89,75,146.00	68,96,146.00
7	Other (Caution Money)	25,877.00	26,000.00
8	M Sc (Caution Money)	10,000.00	-
<b>C</b>	<b>Sundry Creditors</b>		
1	For Goods & Services	5,02,89,141.40	4,18,08,884.06
2	Others	12,82,64,976.59	8,72,60,696.43
<b>D</b>	<b>Deposits-Others(including EMD,Security Deposits)</b>		
1	EMD	1,28,92,976.00	1,21,64,735.73
2	Performance Security (in lieu of PBG)	69,95,517.66	97,33,767.95
3	Security Deposit Received	14,13,58,050.00	14,10,29,122.00
4	Advances Received	-	1,66,702.00
5	JEE (Advance) organisation expenses	16,01,032.49	12,23,305.49
<b>E</b>	<b>Statutory Liabilities:</b>		
1	Duties & Tax	20,38,626.95	1,80,481.00
2	Others (Anneure- I)	33,63,031.00	13,23,316.00
<b>F</b>	<b>Other current Liabilities</b>		
1	Salaries	3,85,84,948.00	3,54,37,149.00
2	Receipts against sponsored projects (R&D)	24,92,84,964.13	22,79,90,222.23
3	Receipts against sponsored fellowship & scholarship	10,26,361.00	12,82,089.00
4	Receipts against sponsored fellowship & scholarship (R&D)	56,32,538.00	42,08,287.00
5	Withheld GST from Parties	20,80,336.00	11,86,345.00
6	HEFA Loan Intrest payable	69,70,769.00	5,62,934.00
7	Guest House	55,167.00	4,42,305.00
8	Other Liabilities	8,50,90,272.35	1,77,20,954.19
9	Payment return by Bank	2,39,869.00	2,39,869.00

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 3 : CURRENT LIABILITIES AND PROVISIONS

(Amount in ₹)

		Current Year 2020-21	Previous Year 2019-20
10	PDA - CSIR	30,000.00	30,000.00
11	DST Grant	76,654.00	1,51,763.00
12	SRIC/ R&D Liabilities	51,69,49,467.49	41,82,75,813.07
13	Hostel Current Liabilites	2,33,21,701.59	1,93,82,783.19
14	Wissenaire	2,250.00	94,000.10
15	Student Insurance Claim	11,730.00	11,730.00
16	CEP Liabilites	3,46,22,850.54	4,31,07,095.72
17	Construction of OBC Hostel	1,91,11,724.35	1,79,60,698.51
18	Startup Center IIT Bhubaneswar	21,32,515.01	11,68,678.01
19	JEE Fee receivable	29,10,500.00	19,08,500.00
20	NBCC (India) Ltd	15,81,50,260.00	4,17,49,461.00
21	NSS Fund	2,61,529.59	1,50,291.11
22	Performance Security	31,45,390.00	31,37,847.00
24	IIT Hostel	7,76,80,428.00	-
25	Unutilised Grant from GOI (Capital)	7,52,95,229.89	-
	<b>TOTAL (A)</b>	<b>1,68,42,75,390.02</b>	<b>1,15,75,68,531.79</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)		
a)	Expenses Payable (Misc.)	5,70,60,734.62	4,01,54,877.62
b)	S K BET Center	94,83,574.03	1,55,98,539.03
c)	S K Bet Current Liabilities	25,41,960.00	13,76,080.00
d)	Gymkhana Liabilities	2,68,246.00	4,85,706.10
	<b>TOTAL (B)</b>	<b>6,93,54,514.65</b>	<b>5,76,15,202.75</b>
	<b>TOTAL (A+B)</b>	<b>1,75,36,29,904.67</b>	<b>1,21,51,83,734.54</b>

# Indian Institute of Technology Bhubaneswar

## Annexure - I : Statutory Liabilities (Others)

(Amount in ₹)

NAME OF THE PARTY	Current Year 2020-21	Previous Year 2019-20
Labour Cesss		-
Professional Tax Payable	3,200.00	1,125.00
New Pension Scheme	2,62,512.00	7,42,113.00
<b>TDS Payable</b>		-
TDS Payable(Contractor)	3,21,630.00	3,51,730.00
TDS Payable(Professional)	1,07,437.00	24,785.00
TDS Payable(Rent)		-
TDS on Salary	26,68,252.00	2,03,563.00
Entry Tax Payable	-	-
<b>TOTAL</b>	<b>33,63,031.00</b>	<b>13,23,316.00</b>

## SCHEDULE - 3(I) : SECURED LOAN {Higher Education Financing Agency (HEFA)}

(Amount in ₹)

NAME OF THE PARTY	Current Year 2020-21	Previous Year 2019-20
Opening Balance	17,97,00,000.00	-
Add: Addition of Loan	48,58,10,000.00	17,97,00,000.00
Total Loan Amount	66,55,10,000.00	17,97,00,000.00
Less: Repayment of Loan from MOE Grant	20,62,50,000.00	-
Less: Repayment of Loan from Fees	6,87,50,000.00	-
<b>TOTAL</b>	<b>39,05,10,000.00</b>	<b>17,97,00,000.00</b>

## SCHEDULE - 3 (A) : SPONSORED PROJECTS

(Amount in ₹)

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

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 3(B) : SPONSORED FELLOWSHIP AND SCHOLARSHIP

(Amount in ₹)

Sr. No.	Name of the Project	Opening Balance		Transaction during the Year		Closing Balance	
		Credit	Debit	Credit	Debit	Credit	Debit
1	UGC	13,94,048.00	-	-	-	13,94,048.00	-
2	CSIR	9,14,106.00	-	-	-	9,14,106.00	-
3	DST	18,05,942.00	-	41,04,199.00	26,79,948.00	32,30,193.00	-
4	NBHM/SERB NPDP	35,871.00	-	-	-	35,871.00	-
5	ICMR	58,320.00	-	-	-	58,320.00	-
	<b>Total</b>	<b>42,08,287.00</b>	<b>-</b>	<b>41,04,199.00</b>	<b>26,79,948.00</b>	<b>56,32,538.00</b>	<b>-</b>

## SCHEDULE - 3(C) : UNUTILISED GRANTS FROM GOVERNMENT OF INDIA

(Amount in ₹)

		CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20
<b>A. Non Recurring Grants (Government of India)</b>			
	Balane B/F	21,42,77,474.04	44,81,87,354.18
Add:	Receipts during the year for creation of capital assets	-	-
Add:	Grant for repayment of HEFA Loan	20,62,50,000.00	10,31,00,000.00
Add:	Grant against HEFA Interest	1,67,89,119.00	-
	Total available during the year <b>Total (A)</b>	<b>43,73,16,593.04</b>	<b>55,12,87,354.18</b>
Less:	Refunds	-	-
Less:	Utilized for Capital Expenditure	13,89,82,244.15	23,39,09,880.14
Less:	Utilized for repayment of HEFA Loan	20,62,50,000.00	10,31,00,000.00
Less :	Utilized for HEFA Loan Interest	1,67,89,119.00	-
	<b>Total (B)</b>	<b>36,20,21,363.15</b>	<b>33,70,09,880.14</b>
	<b>Unutilised Grant in Aid (carried forward and transfer to Current Liability) (A-B)</b>	<b>7,52,95,229.89</b>	<b>21,42,77,474.04</b>

		CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20
<b>B. Recurring Grant (Government of India)</b>			
	Balane B/F	9,21,56,746.06	30,46,50,701.17
Add:	Receipts during the year	65,41,00,000.00	54,15,00,000.00
Add:	Internal Income Generated	2,29,84,798.66	5,10,87,371.47
	Total available during the year <b>Total (C)</b>	<b>76,92,41,544.72</b>	<b>89,72,38,072.64</b>
Less :	Refunds	-	-
Less :	Utilized for Revenue Expenditure	82,73,03,499.82	80,50,81,526.58
	<b>Total (D)</b>	<b>82,73,03,499.82</b>	<b>80,50,81,526.58</b>
	<b>Unutilised Grant in Aid Carried forward (C-D)</b>	<b>(5,80,61,955.10)</b>	<b>9,21,56,546.06</b>



# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 4 : (FIXED ASSETS - Consolidated Data)

(Amount in ₹)

DESCRIPTION	Gross Block (Closing Balance as on 31.03.2021)	Depreciation for FY 2020-21	Total Depreciation upto 31-03-2021	Net Block (Closing Balance as on 31.03.21)
<b>(A) Tangible Assets</b>				
Schedule 4 (Institute Main)	6,94,84,49,827.46	22,93,27,651.00	1,43,13,15,421.08	5,51,71,34,406.38
Schedule 4D (i) (Hostel)	66,82,922.00	4,81,386.53	15,82,125.55	51,00,796.46
Schedule 4D (ii) (R&D/SRIC)	33,66,26,001.73	-	-	33,66,26,001.73
Schedule 4D (iii) (Student Gymkhana)	5,56,320.00	53,531.00	2,09,530.00	3,46,790.00
Schedule 4D (iv) (Guest House)	54,044.00	4,053.00	7,063.00	46,981.00
Depreciation/Asset Rounding Off (E)	-	-	-3.1	3.10
<b>Total (A)</b>	<b>7,29,23,69,115.19</b>	<b>22,98,66,621.53</b>	<b>1,43,31,14,136.52</b>	<b>5,85,92,54,978.67</b>
<b>(B) Intangible Assets</b>				
Schedule 4 (Institute Main)	48,97,04,197.35	6,68,86,491.00	43,43,32,384.19	5,53,71,813.16
Schedule 4D (i) (Hostel)	-	-	-	-
Schedule 4D (ii) (R&D/SRIC)	-	-	-	-
Schedule 4D (iii) (Student Gymkhana)	-	-	-	-
Schedule 4D (iv) (Guest House)	-	-	-	-
<b>Total (B)</b>	<b>48,97,04,197.35</b>	<b>6,68,86,491.00</b>	<b>43,43,32,384.19</b>	<b>5,53,71,813.16</b>
<b>(C) Capital Work-In-Progress &amp; Asset In Transit</b>				
Schedule 4 (Institute Main)	3,31,28,38,723.92	-	-	3,31,28,38,723.92
Schedule 4D (i) (Hostel)	-	-	-	-
Schedule 4D (ii) (R&D/SRIC)	-	-	-	-
Schedule 4D (iii) (Student Gymkhana)	-	-	-	-
Schedule 4D (iv) (Guest House)	-	-	-	-
<b>Total (C)</b>	<b>3,31,28,38,723.92</b>	<b>-</b>	<b>-</b>	<b>3,31,28,38,723.92</b>
<b>Grand Total (A+B+C+E)</b>	<b>11,09,49,12,036.46</b>	<b>29,67,53,112.53</b>	<b>1,86,74,46,520.71</b>	<b>9,22,74,65,515.75</b>

# Indian Institute of Technology Bhubaneswar

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

	DESCRIPTION	GROSS BLOCK					Rate (%)	Depreciation Opening Balance (As on 01-04-2021)
		Opening Balance as on 01-04-2020	Additions during the year 2020-21	Deductions during the year 2020-21	Closing Balance as on 31.03.21			
<b>A.</b>	<b>FIXED ASSETS</b>							-
1	Land	90,03,710.00	-	-	90,03,710.00	0%		-
2	Site Development	-	-	-	-			-
3	Buildings	1,34,74,14,308.00	80,900.00	-	1,34,74,95,208.00	2%	5,77,07,903.16	
	a) On Freehold Land*	9,74,552.00	-	-	9,74,552.00	2%	77,964.04	
	b) 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	
	e) Work shop Building	6,84,22,240.00	-	-	6,84,22,240.00	2%	2,39,74,103.80	
	f) Boundary Wall	8,20,00,828.00	-	-	8,20,00,828.00	2%	1,38,26,752.51	
	g) Badminton/volley Ball Court	16,18,050.00	-	-	16,18,050.00	2%	1,44,800.68	
	h) Faculty & Staff Quarter Building	47,40,29,579.00	-	-	47,40,29,579.00	2%	3,64,40,607.58	
	i) Lab Complex Aurgul	-	-	-	-	2%	-	
	j) Single seater boys hostel	56,38,88,236.00	-	-	56,38,88,236.00	2%	5,63,88,384.44	
	k) Single seater girls hostel	19,22,61,742.00	-	-	19,22,61,742.00	2%	1,92,26,174.68	
	l) Shopping center, community center and guest house	15,37,23,471.00	-	-	15,37,23,471.00	2%	1,53,63,521.86	
	m) Staff quarters Grade -C	13,74,28,091.00	-	-	13,74,28,091.00	2%	1,37,42,809.64	
	n) First year lab campus	16,51,54,014.00	-	-	16,51,54,014.00	2%	1,65,15,400.36	
	o) School Building	1,14,84,75,670.00	-	-	1,14,84,75,670.00	2%	9,18,59,353.40	
	p) Administrative Building	-	-	-	-	2%	-	
4	Roads & Bridges	-	-	-	-	2%	-	
5	Tubewells & Water Supply	14,58,200.00	9,40,679.00	-	23,98,879.00	2%	87,492.00	
6	Sewerage & Drainage	12,48,576.00	-	-	12,48,576.00		24,971.52	
7	Electrical Installation and equipment	9,18,31,569.00	2,19,938.00	-	9,20,51,507.00	5%	3,99,08,985.95	
8	Plant & Machinery	-	-	-	-		-	
9	Scientific & Laboratory Equipment	1,13,56,27,010.23	7,48,55,725.46	5,36,880.00	1,20,99,45,855.69	8.0%	55,29,56,296.48	
10	Office Equipemnt	1,75,55,014.03	4,54,378.42	-	1,80,09,392.45	7.5%	1,04,10,108.44	
11	Audio Visual Equipment	-	-	-	-		-	
12	Computer & Peripherals	16,12,88,193.86	1,08,55,753.00	4,09,856.00	17,17,34,090.86	20%	14,87,68,297.42	
13	Furniture,Fixitures & Fittings	12,45,41,073.51	45,50,431.00	-	12,90,91,504.51	7.5%	5,55,11,340.32	
14	Security Cabin	4,92,000.00	-	-	4,92,000.00	7.5%	1,79,250.00	
15	Vehicles	27,45,228.00	-	-	27,45,228.00	10%	11,27,580.80	
16	Library Books	4,30,70,668.95	21,99,257.00	-	4,52,69,925.95	10%	2,75,20,049.43	
17	Other Fixed Assets (Small Value)	55,91,714.00	2,56,137.00	5,98,530.00	52,49,321.00	5%	20,40,050.45	
	<b>TOTAL (A)</b>	<b>6,85,55,81,894.58</b>	<b>9,44,13,198.88</b>	<b>15,45,266.00</b>	<b>6,94,84,49,827.46</b>		<b>1,20,23,16,962.08</b>	
18	Capital Work In Progress	2,41,24,54,650.00	89,12,34,554.00	-	3,30,36,89,204.00			
	Asset-In-Transit	5,38,76,281.77	11,13,831.00	4,58,40,592.85	91,49,519.92			
	<b>TOTAL (B)</b>	<b>2,46,63,30,931.77</b>	<b>89,23,48,385.00</b>	<b>4,58,40,592.85</b>	<b>3,31,28,38,723.92</b>	-	-	
19	Computer Networking	3,86,20,338.00	1,86,75,630.35	-	5,72,95,968.35	20%	3,80,10,041.38	
20	Computer Software	9,42,70,890.49	82,51,335.04	-	10,25,22,225.53	40%	9,29,81,227.57	
21	Web Designing	11,34,888.00	-	-	11,34,888.00	40%	11,34,888.00	
22	E-Journals	27,55,38,124.80	5,28,98,430.67	-	32,84,36,555.47	40%	23,51,41,454.14	
23	Patent & Copyrights	3,14,560.00	-	-	3,14,560.00	11%	1,78,282.10	
	<b>TOTAL (C)</b>	<b>40,98,78,801.29</b>	<b>7,98,25,396.06</b>	-	<b>48,97,04,197.35</b>		<b>36,74,45,893.19</b>	
	<b>GRAND TOTAL (A+B+C)</b>	<b>9,73,17,91,627.64</b>	<b>1,06,65,86,979.94</b>	<b>4,73,85,858.85</b>	<b>10,75,09,92,748.73</b>		<b>1,56,97,62,852.17</b>	

(Amount in ₹)

DEPRECIATION						NET BLOCK	
Adjustment of prov of Dept on Sale/ Gift of Fixed assets	Depreciation on Opening Value of Fixed Assets as on 01-04-2021	Depreciation on Additions during the Year 2020-21	Depreciation on Deductions during the Year 2020-21	Total Depreciation for the Year 2020-21	Total Depreciation As on 31-03-2021	As on 31-03-2021	As at the Previous year 2019-20
-	-	-	-	-	-	-	-
-	-	-	-	-	-	90,03,710.00	90,03,710.00
-	-	-	-	-	-	-	-
-	2,69,48,286.00	1,618.00	-	2,69,49,904.00	8,46,57,807.16	1,26,28,37,400.84	1,28,97,06,404.84
-	19,491.00	-	-	19,491.00	97,455.04	8,77,096.96	8,96,587.96
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	1,85,14,763.00	-	-	1,85,14,763.00	3,70,29,526.12	88,87,08,629.88	90,72,23,392.88
-	13,68,445.00	-	-	13,68,445.00	2,53,42,548.80	4,30,79,691.20	4,44,48,136.20
-	16,40,017.00	-	-	16,40,017.00	1,54,66,769.51	6,65,34,058.50	6,81,74,075.50
-	32,361.00	-	-	32,361.00	1,77,161.68	14,40,888.32	14,73,249.32
-	94,80,592.00	-	-	94,80,592.00	4,59,21,199.58	42,81,08,379.42	43,75,88,971.42
-	-	-	-	-	-	-	-
-	1,12,77,765.00	-	-	1,12,77,765.00	6,76,66,149.44	49,62,22,086.56	50,74,99,851.56
-	38,45,235.00	-	-	38,45,235.00	2,30,71,409.68	16,91,90,332.32	17,30,35,567.32
-	30,74,469.00	-	-	30,74,469.00	1,84,37,990.86	13,52,85,480.14	13,83,59,949.14
-	27,48,562.00	-	-	27,48,562.00	1,64,91,371.64	12,09,36,719.36	12,36,85,281.36
-	33,03,080.00	-	-	33,03,080.00	1,98,18,480.36	14,53,35,533.64	14,86,38,613.64
-	2,29,69,513.00	-	-	2,29,69,513.00	11,48,28,866.40	1,03,36,46,803.60	1,05,66,16,316.60
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	29,164.00	75,256.00	-	1,04,420.00	1,91,912.00	22,06,967.00	13,70,708.00
-	24,972.00	-	-	24,972.00	49,943.52	11,98,632.48	12,23,604.48
-	33,48,742.00	10,997.00	-	33,59,739.00	4,32,68,724.95	4,87,82,782.05	5,19,22,583.05
-	-	-	-	-	-	-	-
-	9,08,07,209.00	80,88,900.00	65,916.00	9,88,30,193.00	65,17,86,489.48	55,81,59,366.21	58,26,70,713.75
-	13,16,631.00	34,079.00	-	13,50,710.00	1,17,60,818.44	62,48,574.01	71,44,905.59
-	-	-	-	-	-	-	-
-	35,31,563.00	21,71,151.00	81,971.00	56,20,743.00	15,43,89,040.42	1,73,45,050.44	1,25,19,896.44
-	93,40,584.00	3,41,284.00	-	96,81,868.00	6,51,93,208.32	6,38,98,296.19	6,90,29,733.19
-	36,900.00	-	-	36,900.00	2,16,150.00	2,75,850.00	3,12,750.00
-	2,74,523.00	-	-	2,74,523.00	14,02,103.80	13,43,124.20	16,17,647.20
-	43,07,067.00	2,19,926.00	-	45,26,993.00	3,20,47,042.43	1,32,22,883.52	1,55,50,619.52
3,29,192.00	2,79,586.00	12,807.00	-	2,92,393.00	20,03,251.45	32,46,069.55	35,51,663.55
<b>3,29,192.00</b>	<b>21,85,19,520.00</b>	<b>1,09,56,018.00</b>	<b>1,47,887.00</b>	<b>22,93,27,651.00</b>	<b>1,43,13,15,421.08</b>	<b>5,51,71,34,406.38</b>	<b>5,65,32,64,932.50</b>
-	-	-	-	-	-	3,30,36,89,204.00	2,41,24,54,650.00
-	-	-	-	-	-	91,49,519.92	5,38,76,281.77
-	-	-	-	-	-	<b>3,31,28,38,723.92</b>	<b>2,46,63,30,931.77</b>
-	1,78,903.00	1,12,05,378.00	-	1,13,84,281.00	4,93,94,322.38	79,01,645.97	6,10,296.62
-	9,65,149.00	33,00,534.00	-	42,65,683.00	9,72,46,910.57	52,75,314.96	12,89,662.92
-	-	-	-	-	11,34,888.00	-	-
-	3,00,42,553.00	2,11,59,372.00	-	5,12,01,925.00	28,63,43,379.14	4,20,93,176.33	4,03,96,670.66
-	34,602.00	-	-	34,602.00	2,12,884.10	1,01,675.90	1,36,277.90
-	<b>3,12,21,207.00</b>	<b>3,56,65,284.00</b>	-	<b>6,68,86,491.00</b>	<b>43,43,32,384.19</b>	<b>5,53,71,813.16</b>	<b>4,24,32,908.10</b>
<b>3,29,192.00</b>	<b>24,97,40,727.00</b>	<b>4,66,21,302.00</b>	<b>1,47,887.00</b>	<b>29,62,14,142.00</b>	<b>1,86,56,47,802.17</b>	<b>8,88,53,44,940.36</b>	<b>8,16,20,28,769.27</b>

# Indian Institute of Technology Bhubaneswar

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

(Amount in ₹)

DESCRIPTION	GROSS BLOCK				DEPRECIATION					NET BLOCK				
	Opening Balance as on 01-04-2020	Additions during the year 2020-21	Deductions during the year 2020-21	Closing Balance as on 31.03.21	Rate (%)	Depreciation Opening Balance (As on 01-04-2021)	Adjustment of prov of Dept on Sale/ Gift of Fixed assets	Depreciation on Opening Value of Fixed Assets as on 01-04-2021	Depreciation on Additions during the Year 2020-21	Depreciation on Deductions during the Year 2020-21	Total Dept for the Year 2020-21	Total Depreciation As on 31-03-2021	As on 31-03-2021	As at the Previous year 2019-2020am kar rahelhai babu
1 Computer Networking	386,20,338.00	1,86,75,630.35	-	5,72,95,968.35	20%	3,80,10,041.38		1,78,903.00	1,12,05,378.00		1,13,84,281.00	4,93,94,322.38	79,01,645.97	6,10,296.62
2 Computer Software	9,42,70,890.49	82,51,335.04	-	10,25,22,225.53	40%	9,29,81,227.57		9,65,149.28	33,00,534.02		42,65,683.30	9,72,46,910.87	52,75,314.66	12,89,662.92
3 Web Designing	11,34,888.00	-	-	11,34,888.00	40%	11,34,888.00		-	-		-	11,34,888.00	-	-
4 E-Journals	27,55,38,124.80	5,28,98,430.67	-	32,84,36,555.47	40%	23,51,41,454.14		3,00,42,554.26	2,11,59,372.27		5,12,01,926.53	28,63,43,380.67	4,20,93,174.80	4,03,96,670.66
5 Patent & Copyrights	3,14,560.00	-	-	3,14,560.00	11%	1,78,282.10		34,602.00	-		34,602.00	2,12,884.10	1,01,675.90	1,36,277.90
<b>Total</b>	<b>40,98,78,801.29</b>	<b>7,96,25,396.06</b>	<b>-</b>	<b>48,97,04,197.35</b>		<b>36,74,45,893.19</b>	<b>-</b>	<b>3,12,21,208.54</b>	<b>3,56,65,284.28</b>	<b>-</b>	<b>6,68,86,492.82</b>	<b>43,43,32,386.01</b>	<b>5,53,71,811.34</b>	<b>4,24,32,908.10</b>

# Indian Institute of Technology Bhubaneswar

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

Particulars	GROSS BLOCK			NET BLOCK		
	Opening Balance 01.04.20	Additions during the year	Gross	Amortization	Net Block 2020-21	Net Block 2019-20
<b>A. PATENT &amp; COPYRIGHT</b>						
1 Balance as on 31.03.2014 of patents obtained in 2008-09	-	-	-	-	-	-
2 Balance as on 31.03.2014 of patents obtained in 2010-11	-	-	-	-	-	-
3 Balance as on 31.03.2014 of patents obtained in 2012-13	-	-	-	-	-	-
4 Patents granted during the current year	3,14,560.00	-	3,14,560.00	1,78,282.10	1,36,277.90	1,36,277.90
<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>1,36,277.90</b>

Particulars	GROSS BLOCK			NET BLOCK		
	Opening Balance	Additions	Gross	Patents Granted/ Rejected	Net Block 2020-21	Net Block 2019-20
<b>B Patents Pending in respect of patents applied for</b>						
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>1,36,277.90</b>

# Indian Institute of Technology Bhubaneswar

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

DESCRIPTION	GROSS BLOCK			Rate (%)	DEPRECIATION				NET BLOCK		
	Opening Balance as on 01-04-2020	Additions during the year 2020-21	Deductions during the year 2020-21		Closing Balance as on 31.03.21	Depreciation on Opening Balance (As on 01-04-2021)	Depreciation on Value of Fixed Assets as on 01-04-2021	Depreciation on Additions during the Year 2020-21	Depreciation on Deductions during the Year 2020-21	Total Depreciation As on 31-03-2021	As on 31-03-2021
<b>A. FIXED ASSETS Hostel</b>											
1 Furniture & Fixtures	9,89,426.00	24,89,064.00	-	34,78,490.00	7.5%	74,206.95	1,86,679.80	-	6,16,211.47	28,62,278.53	6,34,101.28
2 Office Equipment	2,69,477.00	35,870.00	-	3,05,347.00	7.5%	20,210.78	2,690.25	-	1,41,782.05	1,63,564.96	1,50,595.99
3 Electrical Installations	18,88,805.00	-	-	18,88,805.00	5%	94,440.25	-	-	4,54,468.20	14,34,336.80	15,28,777.05
4 Other Fixed Assets	7,91,180.00	-	-	7,91,180.00	7.5%	59,338.50	-	-	2,16,603.83	5,74,576.17	6,33,914.68
5 Computer & Peripherals	1,56,600.00	62,500.00	-	2,19,100.00	20%	31,320.00	12,500.00	-	1,53,060.00	66,040.00	47,360.00
<b>Total</b>	<b>40,95,488.00</b>	<b>25,87,434.00</b>	<b>-</b>	<b>66,82,922.00</b>	<b>0.48</b>	<b>2,79,516.48</b>	<b>2,01,870.05</b>	<b>-</b>	<b>15,82,125.55</b>	<b>51,00,796.46</b>	<b>29,94,749.00</b>

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

DESCRIPTION	GROSS BLOCK			Rate (%)	DEPRECIATION				NET BLOCK		
	Opening Balance as on 01-04-2020	Additions during the year 2020-21	Deductions during the year 2020-21		Closing Balance as on 31.03.21	Depreciation on Opening Balance (As on 01-04-2021)	Depreciation on Value of Fixed Assets as on 01-04-2021	Depreciation on Additions during the Year 2020-21	Depreciation on Deductions during the Year 2020-21	Total Depreciation As on 31-03-2021	As on 31-03-2021
<b>A. FIXED ASSETS SRIC/R&amp;D</b>											
1 Plant Machinery & Equipments	24,77,08,448.73	4,90,03,462.54	-	29,67,11,911.27	-	-	-	-	-	29,67,11,911.27	24,77,08,448.73
2 Furniture & Fixtures	27,92,054.00	-	-	27,92,054.00	-	-	-	-	-	27,92,054.00	27,92,054.00
3 Office Equipments	2,49,765.00	1,08,279.00	-	3,58,044.00	-	-	-	-	-	3,58,044.00	2,49,765.00
4 Computer Peripheral / Softwares	2,51,95,780.46	1,15,68,212.00	-	3,67,63,992.46	-	-	-	-	-	3,67,63,992.46	2,51,95,780.46
5 Asset in Transit	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>27,59,46,048.19</b>	<b>6,06,79,953.54</b>	<b>-</b>	<b>33,66,26,001.73</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>33,66,26,001.73</b>	<b>27,59,46,048.19</b>



# Indian Institute of Technology Bhubaneswar

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

DESCRIPTION	GROSS BLOCK			Rate (%)	DEPRECIATION				NET BLOCK			
	Opening Balance as on 01-04-2020	Additions during the year 2020-21	Deductions during the year 2020-21		Closing Balance as on 31.03.21	Depreciation on Opening Balance (As on 01-04-2021)	Depreciation on Fixed Assets as on 01-04-2021	Depreciation on Additions during the Year 2020-21	Depreciation on Deductions during the Year 2020-21	Total Depreciation As on 31-03-2021	As on 31-03-2021	As at the Previous Year 2019-20
<b>A. FIXED ASSETS - Student Gymkhana</b>												
1 Audio Visual Equipment	49,044.00	-	-	49,044.00	7.5%	3,678.00	-	-	14,712.00	34,332.00	38,010.00	
2 Computer Peripheral	94,454.00	-	-	94,454.00	20%	18,891.00	-	-	75,564.00	18,890.00	37,781.00	
3 Furniture & Fixture	1,32,507.00	-	-	1,32,507.00	7.5%	9,938.00	-	-	35,158.00	97,349.00	1,07,287.00	
4 Gym & Sports Equipment	2,00,708.00	-	-	2,00,708.00	7.5%	15,053.00	-	-	60,212.00	1,40,496.00	1,55,549.00	
5 Musical Instruments	79,607.00	-	-	79,607.00	7.5%	5,971.00	-	-	23,884.00	55,723.00	61,694.00	
<b>Total</b>	<b>5,56,320.00</b>	<b>-</b>	<b>-</b>	<b>5,56,320.00</b>		<b>53,531.00</b>	<b>-</b>	<b>-</b>	<b>2,09,530.00</b>	<b>3,46,790.00</b>	<b>4,00,321.00</b>	

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

DESCRIPTION	GROSS BLOCK			Rate (%)	DEPRECIATION				NET BLOCK			
	Opening Balance as on 01-04-2020	Additions during the year 2020-21	Deductions during the year 2020-21		Closing Balance as on 31.03.21	Depreciation on Opening Balance (As on 01-04-2021)	Depreciation on Fixed Assets as on 01-04-2021	Depreciation on Additions during the Year 2020-21	Depreciation on Deductions during the Year 2020-21	Total Depreciation As on 31-03-2021	As on 31-03-2021	As at the Previous Year 2019-20
<b>A. FIXED ASSETS Guest House</b>												
1 Furniture & Fixture	20,060.00	-	-	20,060.00	7.5%	1,505.00	-	-	4,515.00	15,545.00	17,050.00	
2 Audio Visual Equip	33,984.00	33,984.00	-	33,984.00	7.5%	2,548.00	2,548.00	-	2,548.00	31,436.00	-	
<b>Total</b>	<b>20,060.00</b>	<b>33,984.00</b>	<b>-</b>	<b>54,044.00</b>		<b>1,505.00</b>	<b>2,548.00</b>	<b>-</b>	<b>7,063.00</b>	<b>46,981.00</b>	<b>17,050.00</b>	

# Indian Institute of Technology Bhubaneswar

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

(Amount in ₹)

DESCRIPTION	GROSS BLOCK			Rate (%)	DEPRECIATION				NET BLOCK		
	Opening Balance as on 01-04-2020	Additions during the year 2020-21	Deductions during the year 2020-21		Closing Balance as on 31.03.21	Depreciation on Opening Value of Fixed Assets as on 01-04-2021	Depreciation on Additions during the Year 2020-21	Depreciation on Deductions during the Year 2020-21	Total Depreciation As on 31-03-2021	As on 31-03-2021	As at the Previous year 2019-20
<b>A. FIXED ASSETS MGM Endowment</b>											
1 Office Equipment	33,300.00	-	-	33,300.00	0%	-	-	-	-	33,300.00	33,300.00
2 Electrical Installations	1,02,049.00	-	-	1,02,049.00	0%	-	-	-	-	1,02,049.00	1,02,049.00
3 Computer Peripheral	68,920.00	-	-	68,920.00	0%	-	-	-	-	68,920.00	68,920.00
4 Electrical Installations	1,26,300.00	-	-	1,26,300.00	0%	-	-	-	-	1,26,300.00	1,26,300.00
<b>Total</b>	<b>3,30,569.00</b>	<b>-</b>	<b>-</b>	<b>3,30,569.00</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,30,569.00</b>	<b>3,30,569.00</b>

## Indian Institute of Technology Bhubaneswar

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

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other Approved Securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
6. Others-Term Deposit with Bank	9,11,09,984.62	8,74,48,807.38
<b>Total</b>	<b>9,11,09,984.62</b>	<b>8,74,48,807.38</b>

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

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
1 MGM Endowment Fund	4,70,21,811.05	4,58,86,081.41
2 Best B. Tech thesis in Electrical & Mechanical Science (MGM Fund Tejwasi & Dinesh award)	5,66,540.94	5,32,503.06
3 Best out going student (Fund T. V. Mohandas Pai)	14,15,959.44	13,30,888.57
4 B K Dey memorial award of most innovative project (Fund Piyali De)	22,07,831.94	20,78,121.55
5 S K BET Endowment fund	3,97,40,568.00	3,74,73,279.00
6 Abhijit Gangopadhaya Endowment fund	1,57,273.25	1,47,933.79
<b>Total</b>	<b>9,11,09,984.62</b>	<b>8,74,48,807.38</b>

### SCHEDULE - 6 : INVESTMENTS (Others)

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other Approved Securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
<b>6. Others</b>		
Corpus Fund	1,31,95,29,432.46	-
Student Brotherhood Fund (SBF)	61,16,223.30	-
<b>Total</b>	<b>1,32,56,45,655.76</b>	<b>-</b>

**Indian Institute of Technology Bhubaneswar****SCHEDULE - 7 : CURRENT ASSETS**

(Amount in ₹)

<b>Particulars</b>	<b>Current Year 2020-21</b>	<b>Previous Year 2019-20</b>
<b>1. Stock</b>		
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	-	-
<b>2. Sundry Debtors</b>		
a) Debts outstanding for a period exceeding six months	-	-
b) Others	-	-
<b>3. Cash and Bank Balance</b>		
a) With Scheduled Banks:		
- In Current Accounts	-	-
- In Term Deposit Accounts	77,22,65,573.56	1,96,13,24,455.80
- In Savings Accounts (Details as per Annexure II)	15,38,64,635.18	12,56,09,487.73
b) With non-scheduled Banks:		
- In Term Deposit Accounts	-	-
- In Savings Accounts	-	-
<b>4. Post Office savings Accounts</b>	-	-
<b>Total</b>	<b>92,61,30,208.74</b>	<b>2,08,69,33,943.53</b>

## Indian Institute of Technology Bhubaneswar

### Annexure - II : Details of Balance in Bank Account as on 31-03-2021

(Amount in ₹)

Sl. No.	SB Account Number	Current Year 2020-21	Previous Year 2019-20
1	Canara (Syndicate) Bank- CEP A/C	1,36,047.00	4,69,46,630.89
2	Canara (Syndicate) Bank- Hostel A/c	3,58,07,173.99	2,37,98,109.68
3	Canara (Syndicate) Bank- Main A/c	2,17,46,372.83	1,76,86,451.80
4	Canara (Syndicate) Bank- Gymkhana A/c	29,58,049.70	30,09,501.32
5	Axis Bank A/c	2,11,123.82	19,61,032.70
6	SBI- Institute Main A/c	22,47,852.02	18,37,137.02
7	ICICI Bank A/c	70,115.80	8,43,761.53
8	Canara Bank- Escro A/c 3	3,44,09,012.00	10,00,000.00
9	Canara (Syndicate) Bank- Corpus Fund A/c	2,02,219.00	7,64,978.22
10	ICICI Bank A/c	6,53,543.00	6,07,278.92
11	Canara (Syndicate) Bank- Endowment Fund A/c	1,496.88	3,26,320.99
12	Canara Bank- Escro A/c 2	2,74,337.77	2,67,660.52
13	ICICI Bank A/c	2,09,667.00	2,03,388.00
14	Canara (Syndicate) Bank- NSS IIT A/c	2,68,449.59	1,57,211.11
15	SBI-Guest House A/c	46,867.53	1,18,432.50
16	SBI-Fee receivable A/c	1,08,396.00	1,88,589.00
17	Canara (Syndicate) Bank A/c -	12,173.23	15,493.45
18	SBI- Endowment Fund A/c	813.08	9,153.08
19	Canara Bank- Escro A/c 4	4,042.00	-
20	Canara (Syndicate) Bank- SRIC- A/c	-3,38,921.00	1,78,31,792.78
21	SBI-Project A/c	4,08,64,101.24	50,27,786.22
22	SBI-A/c	1,44,89,836.70	30,33,613.00
23	SBI-CENEMA A/c	-5,18,134.00	-24,835.00
<b>Total</b>		<b>15,38,64,635.18</b>	<b>12,56,09,487.73</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 8 : LOANS, ADVANCES & DEPOSITS

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
<b>A. Advance to employees:(Non-interest bearing)</b>		
1 Salary	-	-
2 Festival Advance	-	-
3 LTC Advance	79,105.00	62,272.00
4 Medical Advance	-	-
<b>5 Other Advances</b>		
Advance to Student	-	2,02,500.00
General Advance (Contingent)	1,95,925.00	3,76,459.00
Imprest Advances	1,59,381.00	83,663.00
PDA Advance	2,09,475.00	2,91,901.00
TA Advance	-	75,000.00
Soft Loan	89,314.00	2,83,058.00
Advance - President Student Gymkhana	2,10,974.00	4,28,434.00
Advance to Alma Fiesta, JEE & Wissenaire	2,00,000.00	3,47,000.00
Advance - S K BET	25,000.00	25,000.00
In House Project Grant	2,22,27,507.00	3,14,00,000.00
Faculty Development Fund	15,000.00	15,000.00
Guest House CA	1,20,847.00	13,25,567.52
<b>B. Long Term Advance to employees:(Interest bearing)</b>		
1 Vehicle Loan	-	-
2 Home Loan	-	-
3 Others (to be specified)	-	-
<b>C. Advances and other amounts recoverable in cash or in kind or for value to be received</b>		
1 On Capital Account	12,05,491.41	81,29,588.00
2 to suppliers	-	3,80,461.00
3 Others current Assets	23,16,264.35	6,96,743.35
4 Tax deducted at Scorce (TDS)	1,41,56,486.00	1,66,76,311.00
5 Endowment Centre & R & D (TDS)	65,38,068.00	48,52,784.00
6 Receable from S K BET Endowment Fund	-	3,98,658.00
<b>D. Prepaid Expenses</b>		
1 Insurance (Student)	13,89,666.00	-
<b>2 Other Expenses</b>		
i) Prepaid AMC Charges	-	-
ii) Prepaid E-Subscription Charges	3,72,35,277.00	3,42,72,103.35
<b>E. Deposits</b>		
1 Telephone	2,40,404.00	2,40,404.00

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 8 : LOANS, ADVANCES & DEPOSITS

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
2 Lease Rent	60,000.00	60,000.00
3 Electricity	62,64,330.00	62,64,330.00
4 HP Gas	11,550.00	11,550.00
<b>5 Other deposits</b>		
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>F. Income Accrued</b>		
1 On investments from Earmarked/Endowment funds	-	-
2 On investments- others (Term Deposit)	-	-
3 On Loans and advances (on Securities)	2,36,874.00	2,36,874.00
4 Others(includes income due unrealized)	-	1,84,22,514.81
<b>G. Other -Current assets receivable from UGC/sponsored projects receivable</b>		
<b>1 Debit balances in Sponsored Projects</b>	-	-
i) CSIR Project Grant	1,44,619.00	1,44,619.00
<b>2 Debit balances in Sponsored Fellowship &amp; Scholarship</b>		
i) UGC JRF Fellowship	3,55,528.00	3,55,528.00
ii) Receivable from R&D towards overhead for Corpus Fund & GST (ITC)	1,75,57,764.13	1,03,00,747.00
iii) Fellowship Inspired (DST)	36,000.00	36,000.00
iv) DST Inspire Fellowship	4,31,342.00	5,06,451.00
v) CSIR JRF Fellowship	3,50,922.00	3,50,922.00
vi) Receivable - Electricity Collection	16,98,099.00	16,98,099.00
vii) Receivable - JAM Fee Joint M SC PhD	4,37,000.00	4,45,000.00
viii) Receivable from CEP	9,72,031.03	-
3 i)Receivable from MOE	5,80,61,955.10	-
ii) Receivable from MOE - HEFA Loan Interest	69,70,769.00	-
<b>4 Others receivable</b>		
i) SRIC/ R&D IIT Bhubaneswar	37,42,08,827.95	34,38,09,944.11
ii)SRIC/ R&D Project fund	2,438.00	2,438.00
iii)SRIC/ R&D Current Assets	36,03,492.89	36,03,492.89
iv) CEP Current Assets	25,270.00	1,30,300.00
v) Hostel Current Assets	7,76,80,428.00	-
<b>H. Claims Receivable</b>	-	-
<b>Total</b>	<b>63,58,02,424.86</b>	<b>48,71,70,717.03</b>

**Indian Institute of Technology Bhubaneswar****SCHEDULE - 9 : ACADEMIC RECEIPTS**

(Amount in ₹)

<b>Particulars</b>	<b>Current Year 2020-21</b>	<b>Previous Year 2019-20</b>
<b>FEE FROM STUDENTS</b>		
<b>Academic</b>		
1. Tuition fee	20,93,78,742.00	16,38,20,986.00
2. Admission Fees	1,73,000.00	1,49,700.00
3. Enrolment Fee (One Time fee)	33,71,000.00	29,19,150.00
4. Library Admission fee	4,32,824.00	3,74,250.00
5. Laboratory fee	36,49,750.00	40,34,500.00
6. Art & Craft fee	-	-
7. Registration fee	9,44,300.00	8,07,700.00
8. Syllabus fee	-	2,222.00
<b>Total (A)</b>	<b>21,79,49,616.00</b>	<b>17,21,08,508.00</b>
<b>Examinations</b>		
1. Admission test fee	-	-
2. Annual Examination fee	23,61,352.00	20,17,250.00
3. Mark sheet, certificate fee	4,32,500.00	4,23,350.00
4. Supplimentary Exam Fee	12,800.00	-
5. Thesis Examination Fee	15,200.00	26,600.00
6. Provisional Certificate Fees	1,93,050.00	1,49,700.00
<b>Total (B)</b>	<b>30,14,902.00</b>	<b>26,16,900.00</b>
<b>Others fees:</b>		
1. Identity card fee	86,600.00	76,500.00
2. Fine/Miscellaneous fee	-	15,42,900.00
i) Late Fees (Fine)	-	-
ii) Penalty Charges to Student	-	-
iii) Income From Library/ Fine	-	-
3. Medical fee/ Insurance Fee	53,58,754.00	34,01,694.00
4. Transportation fee	-	-
5. Hostel fee (seat rent)	12,89,000.00	20,17,250.00
6. Transcript fees	54,800.00	1,21,650.00



# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 9 : ACADEMIC RECEIPTS

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
7. Educational verification Fees	-	-
8. Electricity & Water Charges Fees	38,67,000.00	60,51,750.00
9. Internet Connectivity Fees	12,89,000.00	20,17,250.00
10. Gymkhana Fees	54,71,625.00	47,03,776.00
11. Fee Subscriptions & other (Hostel) ANNEXURE - III	5,07,03,741.00	9,09,15,059.00
15. Certificate Fees		
16. Convocation Registration Fees	7,60,500.00	6,60,900.00
17. M Tech Seat Reservation Fees	2,00,000.00	60,000.00
18. Summer Quarter Registration Fees	-	1,53,050.00
19 Student Amenities	15,46,800.00	24,20,700.00
20. Student Benifit Fees	-	-
21. Career Development Fees	4,32,500.00	3,72,000.00
22. Other Fees	62,521.00	-
23. Educational verification Fees	1,65,990.00	1,41,487.00
24. Gymkhana Income	-	-
<b>Total (C)</b>	<b>7,12,88,831.00</b>	<b>11,46,55,966.00</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	24,55,100.00	23,84,625.00
<b>Total (D)</b>	<b>24,55,100.00</b>	<b>23,84,625.00</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. Repayment of HEFA Loan</b>	6,87,50,000.00	3,44,00,000.00
<b>G. Transferred to Corpus Fund</b>	<b>17,52,54,708.00</b>	<b>16,64,50,940.00</b>
<b>GRAND TOTAL (A+B+C+D+E-F-G)</b>	<b>5,07,03,741.00</b>	<b>9,09,15,059.00</b>

# Indian Institute of Technology Bhubaneswar

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

(Amount in ₹)

Particulars	Plan		Total Plan	Non Plan	Current Year Total 2020-21	Previous Year Total 2019-20	
	Govt. of India	UGC					
		Plan					Specific Schemes
Balance B/F:		-	-	9,21,56,746.06	9,21,56,746.06	-	
Add: Receipts During the Year							
Grant-in-Aid for Recurring activities		-	-	65,41,00,000.00	65,41,00,000.00	54,15,00,000.00	
Grant-in-Aid for payment of HEFA Loan Interest		-	-	1,67,89,119.00	1,67,89,119.00	-	
Grant-in-Aid for payment of HEFA Loan Principal (Capital)		-	-	20,62,50,000.00	20,62,50,000.00	10,31,00,000.00	
Internal Income (Interest) treated as additional Grant				2,29,84,798.66	2,29,84,798.66	-	
<b>Total</b>	-	-	-	<b>99,22,80,663.72</b>	<b>99,22,80,663.72</b>	<b>64,46,00,000.00</b>	
Less: Refund to UGC	-	-	-	-	-	-	
Balance	-	-	-	99,22,80,663.72	99,22,80,663.72	64,46,00,000.00	
Less: Utilised for repayment of HEFA loan Principal (Capital)	-	-	-	20,62,50,000.00	20,62,50,000.00	10,31,00,000.00	
Less: Utilised for repayment of HEFA loan Interest (Capital)				1,67,89,119.00	1,67,89,119.00	-	
<b>Balance</b>	-	-	-	<b>76,92,41,544.72</b>	<b>76,92,41,544.72</b>	<b>54,15,00,000.00</b>	

## SCHEDULE - 11 : INCOME FROM INVESTMENT

(Amount in ₹)

Particulars	Earmarked / Endowment Funds		Other Investments	
	CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20	CURRENT YEAR 2020-21	PREVIOUS YEAR 2019-20
<b>Investment from Earmarked/ Endowment Fund</b>				
1. Interest				
a) On Govt. Securities	-	-	-	-
b) Other Bonds/Debentures	-	-	-	-
2. Interest on Term Deposits	69,66,484.20	65,81,411.38	4,77,75,856.91	5,43,26,531.74
3. Income accrued but not due on term deposits/Interest bearing advances to employees	-	-	-	-
4. Income on Savings bank accounts	99,372.93	1,22,761.93	6,773.15	7,336.04
5. Others (Specify)	-	-	-	-
<b>TOTAL</b>	<b>70,65,857.13</b>	<b>67,04,173.31</b>	<b>4,77,82,630.06</b>	<b>5,43,33,867.78</b>
<b>TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS</b>	70,65,857.13	67,04,173.31	4,77,82,630.06	5,43,33,867.78
<b>Balance</b>	-	-	-	-

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 12 : INTEREST EARNED

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
<b>1. On Savings Accounts with schedule banks:</b>		
a) With Scheduled Banks	12,75,286.39	28,65,617.56
b) With Non-Scheduled Banks	-	-
c) With Institutions	-	-
d) Others (Bank interest on Escrow Account)	4,27,599.25	665.66
<b>Total (A)</b>	<b>17,02,885.64</b>	<b>28,66,283.22</b>
<b>2. Term Deposit Accounts with schedule banks:</b>		
a) With Scheduled Banks	2,85,83,681.27	5,75,33,474.91
b) With Scheduled Banks (Hostel A/c) Annexure - III	7,77,456.77	14,20,944.46
c) With Non-Scheduled Banks	-	-
d) With Institutions	-	-
e) Others (Bank interest on Escrow Account)	42,55,111.00	11,32,192.86
<b>Total (B)</b>	<b>3,36,16,249.04</b>	<b>6,00,86,612.23</b>
<b>3. On Loans:</b>		
a) Employees/Staff	33,226.00	45,000.00
b) Others (Intrest from Income Tax return)	1,80,591.00	43,120.00
<b>Total (C)</b>	<b>2,13,817.00</b>	<b>88,120.00</b>
<b>4. On Debtors and Other Receivables</b>	2,36,874.00	2,70,173.00
<b>Total (D)</b>	<b>2,36,874.00</b>	<b>2,70,173.00</b>
<b>I. Transferred to Grant in Aid (E)</b>	<b>2,29,84,798.66</b>	
<b>II. Transferred to Corpus Fund (F)</b>	<b>1,20,07,570.25</b>	<b>1,08,02,872.52</b>
<b>GRAND TOTAL (A+B+C+D-E-F)</b>	<b>7,77,456.77</b>	<b>5,25,08,315.93</b>

**Indian Institute of Technology Bhubaneswar****SCHEDULE - 13 : OTHER INCOME**

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
<b>A. Income from Land &amp; Building</b>		
1. Hostel Room Rent	-	-
2. License fee	12,15,933.00	9,19,349.00
3. Hire Charges of Auditorium/Play ground/Convention Centre, Shopping Complex, Car Rent etc	3,00,589.00	4,47,728.00
4. Electricity charges		-
5. Water charges recovered	81,020.00	83,499.00
6. Income from Guest House	9,44,090.10	46,35,291.23
<b>Total (A)</b>	<b>25,41,632.10</b>	<b>60,85,867.23</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 festes	-	-
Less: Direct expenditure incurred on the festes	-	-
3. Gross Receipts for educational tours	-	-
Less: Direct expenditure incurred on the tours	-	-
4. Others (to be specified and separately disclosed)	-	-
<b>Total (C)</b>	-	-
<b>D. Others :</b>		
1. Income from User charges	18,900.00	34,950.00
2. RTI fees	100.00	100.00
3. Income from Royalty		-

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 13 : OTHER INCOME

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
4. Sale of application form (recruitment)	6,65,500.00	-
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	29,583.00	6,60,210.00
ii. Tender Fee	14,630.00	1,19,194.60
iii. CEP Receipts	8,28,231.46	13,72,728.47
iv. Fine (Late fee & Library)	1,85,137.04	3,22,443.31
v. Liquidated Damages	51,57,815.21	16,98,347.71
vi. Misc. Income	9,898.50	1,38,714.00
vii. Penalty Charges to party/ Student	63,056.00	46,151.00
viii. Penal Intrest Collected	406.00	139.00
ix. Employee I-Card		-
x. Gymkhana Income	1,66,026.38	13,16,044.09
xi. Soft Loan processs Fee		8,000.00
<b>Total (D)</b>	<b>71,39,283.59</b>	<b>57,17,022.18</b>
<b>E. Transferred to Corpus Fund</b>	<b>77,42,567.75</b>	<b>44,78,825.62</b>
<b>GRAND TOTAL (A+B+C+D-E)</b>	<b>19,38,347.94</b>	<b>73,24,063.79</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 14 : PRIOR PERIOD INCOME

(Amount in ₹)

Particulars	Current Year 2020-21	Previous Year 2019-20
<b>1. Academic Receipts</b>	-	
<b>2. Income from Investment</b>	-	
<b>3. Interest Earned</b>	-	2,745.00
<b>4. Other Income</b>	-	-
i) Corpus Fund	-	-
ii) Student Brotherhood Fund(SBF)	-	-
iii) Other Prior Period Income	(2,23,087.72)	-
<b>Total (A)</b>	<b>(2,23,087.72)</b>	<b>2,745.00</b>
<b>B. Transferred to Corpus Fund</b>	(2,23,087.72)	2,745.00
<b>GRAND TOTAL (A-B)</b>	<b>-</b>	<b>-</b>

## SCHEDULE - 15 : STAFF PAYMENTS & BENEFITS

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
1	Salaries and Wages	33,58,69,360.00	-	33,58,69,360.00	31,35,26,784.00	-	31,35,26,784.00
2	Allowances and Bonus		-	-	-	-	-
3	Contribution to Provident Fund		-	-	-	-	-
4	Contribution to Other Fund (NPS)	4,28,49,511.00	-	4,28,49,511.00	3,81,78,853.00	-	3,81,78,853.00
5	Staff Welfare Expenses		-	-	-	-	-
6	Retirement and Terminal Benefits		-	-	-	-	-
7	LTC facility	63,07,663.00	-	63,07,663.00	20,39,026.00	-	20,39,026.00
8	Medical facility	54,90,027.80	-	54,90,027.80	82,16,378.00	-	82,16,378.00
9	Children Education Allowance	38,27,250.00	-	38,27,250.00	62,39,779.00	-	62,39,779.00
10	Honorarium	4,88,000.00	-	4,88,000.00	8,51,879.00	-	8,51,879.00
11	TA/DA expenses		-	-	-	-	-
12	Newspaper allowance	5,38,173.00	-	5,38,173.00	5,67,487.00	-	5,67,487.00
13	Leave Salary, Lien & Pension Contribution	10,24,925.00	-	10,24,925.00	8,70,452.00	-	8,70,452.00
14	NPS Admn Charges	36,571.00	-	36,571.00	42,070.00	-	42,070.00
15	Professional Development Allowance	19,84,447.82	-	19,84,447.82	65,62,935.00	-	65,62,935.00
16	EGL Expenses		-	-	-	-	-
17	Leave Encashment	38,59,101.00	-	38,59,101.00	18,84,110.00	-	18,84,110.00
	<b>TOTAL</b>	<b>40,22,75,029.62</b>	<b>-</b>	<b>40,22,75,029.62</b>	<b>37,89,79,753.00</b>	<b>-</b>	<b>37,89,79,753.00</b>

## Indian Institute of Technology Bhubaneswar

### SCHEDULE - 15A : EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

(Amount in ₹)

Particulars	Pension	Gratuity	Leave Encashment	Total
Opening Balance				
Addition: Capitalized Value of Contributions Received from other Organizations	-	-	-	-
<b>Total (a)</b>	-	-	-	-
Less: Actual Payment during the year(b)	-	-	-	-
Balance Available on 31.3.2021 c(a-b)	-	-	-	-
Provision required on 31.03.2021 as per Actuarial Valuation (d)	-	-	-	-
A. Provision to be made in the current year (d-c)	-	-	-	-
B. Contribution to New pension Scheme	0	0	-	-
C. Medical Reimbursement to Retired Employees	0	0	-	-
D. Travel to Home Town on Retirement	0	0	-	-
E. Deposits Linked Insurance Payment	0	0	-	-
<b>TOTAL(A+B+C+D+E)</b>	-	-	-	-

**Note:** Contribution to NPS {Employer share included in Schedule - 15 - Contribution to Other Fund (NPS)} deposited with NSDL on monthly basis.

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 16 : ACADEMIC EXPENSES

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
1	Laboratory expenses	85,64,374.00	-	85,64,374.00	1,10,53,932.50	-	1,10,53,932.50
2	Field work/Participation	-	-	-	-	-	-
3	Seminar/Workshop	-	-	-	-	-	-
4	Payment to visiting faculty	1,12,43,463.00	-	1,12,43,463.00	1,58,50,697.00	-	1,58,50,697.00
5	Examination	31,32,592.55	-	31,32,592.55	11,65,639.60	-	11,65,639.60
6	Student Welfare expenses	61,80,634.00	-	61,80,634.00	77,85,552.00	-	77,85,552.00
7	Admission expenses	-	-	-	-	-	-
8	Convocation expenses	23,57,805.00	-	23,57,805.00	28,95,184.00	-	28,95,184.00
9	Publications	-	-	-	-	-	-
10	Stipend/means-cum-merit scholarship	19,39,66,010.00	-	19,39,66,010.00	14,41,20,539.00	-	14,41,20,539.00
11	Subscription Expenses (Trf.to Fixed assets)	-	-	-	-	-	-
12	Others (specify) Alumni Meet	-	-	-	1,31,030.00	-	1,31,030.00
13	Alumni Center Development Expenses	50,00,000.00	-	50,00,000.00	-	-	-
14	Departmental Operating Expenses	-	-	-	-	-	-
15	Operating Expenditure SBS	26,04,622.00	-	26,04,622.00	32,37,844.00	-	32,37,844.00
16	Operating Expenditure SES	12,19,183.00	-	12,19,183.00	29,33,721.00	-	29,33,721.00
17	Operating Expenditure SIF	13,99,447.00	-	13,99,447.00	26,85,818.00	-	26,85,818.00
18	Operating Expenditure HSS&M	8,91,597.00	-	8,91,597.00	14,10,807.00	-	14,10,807.00
19	Operating Expenditure SMS	14,53,253.58	-	14,53,253.58	16,57,144.00	-	16,57,144.00
20	Operating Expenditure CIF	2,61,313.00	-	2,61,313.00	4,43,231.00	-	4,43,231.00
21	Operating Expenditure SEOCS	5,11,279.00	-	5,11,279.00	7,39,363.00	-	7,39,363.00
22	Operating Expenditure SMMME	5,41,972.00	-	5,41,972.00	11,70,012.00	-	11,70,012.00
23	Operating Expenditure CDC	23,037.00	-	23,037.00	2,13,331.00	-	2,13,331.00
	<b>TOTAL</b>	<b>23,93,50,582.13</b>	<b>-</b>	<b>23,93,50,582.13</b>	<b>19,74,93,845.10</b>	<b>-</b>	<b>19,74,93,845.10</b>



# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 17 : ADMINISTRATIVE AND GENERAL EXPENSES

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
<b>A. Infrastructure</b>							
1	Electricity and power	2,56,64,532.00	-	2,56,64,532.00	3,26,17,045.00	-	3,26,17,045.00
2	Water charges	-	-	-	10,901.00	-	10,901.00
3	Insurance	-	-	-	-	-	-
4	Rent, Rates and Taxes (including property tax)	-	-	-	10,392.00	-	10,392.00
<b>B. Communication</b>							
1	Postage & telegram	1,98,089.00	-	1,98,089.00	3,98,929.00	-	3,98,929.00
2	Telephone and Internet Charges	6,42,017.00	-	6,42,017.00	18,48,861.00	-	18,48,861.00
<b>C. Others</b>							
1	Printing and Stationary	12,93,511.00	-	12,93,511.00	20,27,529.00	-	20,27,529.00
2	Traveling and Conveyance Expenses	67,712.00	-	67,712.00	37,09,762.00	-	37,09,762.00
3	Audit Expenses	1,85,732.00	-	1,85,732.00	-	-	-
4	Professional Charges	14,54,770.00	-	14,54,770.00	21,00,418.00	-	21,00,418.00
5	Advertisement and Publicity	12,24,950.00	-	12,24,950.00	22,70,507.00	-	22,70,507.00
6	Magazines & Journals	19,914.00	-	19,914.00	1,16,055.00	-	1,16,055.00
7	E - Procurement service charges	3,71,000.00	-	3,71,000.00	-	-	-
8	E-filing Charges	-	-	-	21,964.00	-	21,964.00
9	Institute Function Expenses	9,77,911.00	-	9,77,911.00	17,34,609.00	-	17,34,609.00
10	Relocation Charges	2,08,666.00	-	2,08,666.00	4,89,517.00	-	4,89,517.00
11	BoBCO expenditure	4,745.00	-	4,745.00	58,012.00	-	58,012.00
12	Gymkhana Expenses	3,27,613.00	-	3,27,613.00	79,96,212.00	-	79,96,212.00
13	Recruitment Expenses	36,255.00	-	36,255.00	33,37,808.00	-	33,37,808.00
14	Guest House Expenses	5,45,090.59	-	5,45,090.59	25,72,458.47	-	25,72,458.47
15	Misc. Expenses (Hiring of DG Set)	-	-	-	2,161.00	-	2,161.00
16	Hostel Expenditure Annexure - III	3,29,09,760.25	-	3,29,09,760.25	8,34,21,807.00	-	8,34,21,807.00
17	CEP Expenses	8,255.76	-	8,255.76	1,713.76	-	1,713.76
18	Gymkhana Expenses (bank charges)	17.90	-	17.90	1,388.00	-	1,388.00
19	Annual Membership Fees	3,96,431.00	-	3,96,431.00	3,53,204.12	-	3,53,204.12
20	Operating Expenditure Admin.	22,99,339.00	-	22,99,339.00	47,90,916.43	-	47,90,916.43
21	Operating Expenditure - CITCS	10,22,301.00	-	10,22,301.00	11,57,167.00	-	11,57,167.00
22	Operating Expenditure Library	1,16,439.00	-	1,16,439.00	2,85,178.00	-	2,85,178.00
23	Operating Expenditure Hindi Cell & E Cell	3,772.00	-	3,772.00	47,906.00	-	47,906.00
24	Security & Man power supply Exp.	9,82,00,119.78	-	9,82,00,119.78	10,18,74,765.00	-	10,18,74,765.00
25	Fuel Exp. For DG Set	2,74,270.00	-	2,74,270.00	2,02,200.00	-	2,02,200.00
26	Development of Horticulture Work	13,72,288.00	-	13,72,288.00	20,33,712.00	-	20,33,712.00
27	IIT Council Secretariate Expenses	1,00,000.00	-	1,00,000.00	1,00,000.00	-	1,00,000.00
28	Training of Employees	1,36,596.00	-	1,36,596.00	1,66,579.00	-	1,66,579.00
29	In House project Expenses	1,18,51,098.00	-	1,18,51,098.00	-	-	-
30	Payment of HEFA Loan interest	-	-	-	5,62,934.00	-	5,62,934.00
31	Fire Safety Certificate	1,28,910.00	-	1,28,910.00	-	-	-
	<b>Total</b>	<b>18,20,42,105.28</b>	<b>-</b>	<b>18,20,42,105.28</b>	<b>25,63,22,610.78</b>	<b>-</b>	<b>25,63,22,610.78</b>

## Indian Institute of Technology Bhubaneswar

### SCHEDULE - 18 : TRANSPORTATION EXPENSES

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
1.	Vehicles (owned by institution)						
	a) Running expenses	-	-	-	-	-	-
	b) Repairs & maintenance	89,891.00	-	89,891.00	49,797.00	-	49,797.00
	c) Insurance expenses	48,011.00	-	48,011.00	52,934.00	-	52,934.00
2.	Vehicles taken on rent/lease						
	a) Rent/lease expenses	66,60,684.00	-	66,60,684.00	1,08,89,684.00	-	1,08,89,684.00
	b) Fuel Expenses	1,28,527.00	-	1,28,527.00	2,33,007.00	-	2,33,007.00
3.	Vehicle (Taxi Hiring expenses)	-	-	-	-	-	-
	<b>TOTAL</b>	<b>69,27,113.00</b>	<b>-</b>	<b>69,27,113.00</b>	<b>1,12,25,422.00</b>	<b>-</b>	<b>1,12,25,422.00</b>

### SCHEDULE - 19 : REPAIRS & MAINTENANCE

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
a)	Building	93,93,712.00	-	93,93,712.00	1,47,37,054.00	-	1,47,37,054.00
b)	Furniture & Fixture	67,075.00	-	67,075.00	1,33,250.00	-	1,33,250.00
c)	Plant & Machinery	-	-	-	-	-	-
d)	Office Equipments	52,88,408.02	-	52,88,408.02	85,86,037.10	-	85,86,037.10
e)	Cleaning material & services	1,56,87,886.46	-	1,56,87,886.46	1,57,79,840.00	-	1,57,79,840.00
f)	Others (specify)	-	-	-	-	-	-
	<b>TOTAL</b>	<b>3,04,37,081.48</b>	<b>-</b>	<b>3,04,37,081.48</b>	<b>3,92,36,181.10</b>	<b>-</b>	<b>3,92,36,181.10</b>

### SCHEDULE - 20 : FINANCE COSTS

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
a.	Bank charges	1,10,582.68	-	1,10,582.68	3,34,200.68	-	3,34,200.68
b.	Others (specify)	-	-	-	-	-	-
	<b>TOTAL</b>	<b>1,10,582.68</b>	<b>-</b>	<b>1,10,582.68</b>	<b>3,34,200.68</b>	<b>-</b>	<b>3,34,200.68</b>

## Indian Institute of Technology Bhubaneswar

### SCHEDULE - 21 : OTHER EXPENSES

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
a	Provision for Bad and Doubtful Debts/Advances	-	-	-	-	-	-
b	Irrecoverable Balances Written-off	-	-	-	-	-	-
c	Grant/Subsidies to other Institutions/organizations	-	-	-	-	-	-
d	Others (specify)	-	-	-	-	-	-
	<b>TOTAL</b>	-	-	-	-	-	-

### SCHEDULE - 22 : PRIOR PERIOD EXPENSES

(Amount in ₹)

Sl. No.	Particulars	CURRENT YEAR 2020-21			PREVIOUS YEAR 2019-20		
		Non Plan	Plan	Total	Plan	Non Plan	Total
1	Establishment Expenses	2,68,854.00	-	2,68,854.00	6,16,146.00	-	6,16,146.00
2	Academic Expenses	1,47,591.00	-	1,47,591.00	36,66,018.00	-	36,66,018.00
3	Administrative Expenses	1,41,84,372.13	-	1,41,84,372.13	4,67,062.15	-	4,67,062.15
4	Transportation Expenses	-	-	-	24,209.00	-	24,209.00
5	Repairs & Maintenance Expenses	5,44,714.00	-	5,44,714.00	11,79,780.00	-	11,79,780.00
6	Other Expenses	-	-	-	-	-	-
	<b>TOTAL</b>	<b>1,51,45,531.13</b>	<b>-</b>	<b>1,51,45,531.13</b>	<b>59,53,215.15</b>	<b>-</b>	<b>59,53,215.15</b>

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 23 : SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2021

### 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 (MoE) vide mail dated 25th Aug 2014.
- b) The Annual Accounts of the Institute is prepared under Historical Cost Conventions and ongoing concern concept, unless otherwise stated. The Institute follows accrual method of accounting. 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 Principles (GAAP) and Accounting Standards (AS) issued by the Institute of Chartered Accountants of India.
- d) Purchase of consumable store / stationaries are charged as expenditure irrespective of whether they are consumed or held in stock at the year-end as overall effect is not material;
- e) The accounting policies adopted in the preparation of the financial statements are consistent with those followed in the previous year.

### 2. USE OF ESTIMATES

The preparation of financial statements in conformity with the Indian GAAP requires the management to make judgments, estimates and assumptions that affect the reported amount of revenues/ income, expenses, assets and liabilities and the disclosure of contingent liabilities, at the end of the reporting period. Although these estimates are based on the management's best knowledge of current events and actions, uncertainty about these assumptions and estimates could result 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 cost of acquisition after deducting trade discounts and rebates but including inward freight, duties and taxes, incidental and other direct expenses related to their acquisition, installation and commissioning. Several items of property, plant and equipment are purchased for a consolidated price, the consideration is apportioned to the various items on the basis of their respective fair values at the date of acquisition.

- a) Expenditure on 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 2021

### 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 to Project Sponsoring Agencies, if occasion so arises. The rates adopted in this financial statement are furnished hereunder.

<b>a) Tangible Assets</b>	
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	7.50%
11. Audio Visual Equipment	7.50%
12. Computer & Peripherals	20%
13. Furniture, Fixture & Fittings	7.50%
14. Vehicles	10%
15. Books and Library	10%
<b>b) Intangible Assets (Amortization)</b>	
1. E-Journals	40%
2. Computers Software	40%
3. Patents and Copy Rights	9 Years

- b) Assets costing ₹2,000 or less (except Library Books) are treated as small value Assets and 100% depreciation is provided in respect of such assets at the time of their acquisition. However, physical accounting and control are continued by the holders of such assets.
- c) Where an asset is fully depreciated, it is carried at a residual value of ₹1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on additions of each year separately at applicable rate.
- d) Intangible assets: Patents and copy rights, E-Journals and computers Software are grouped under Intangible Assets.

### 5. CAPITAL WORK-IN-PROGRESS

Deposit works are accounted for as Capital Work-in-Progress on the basis of statements received from the Engineering Section of the Institute/ CPWD/ NBCC. Running bills of the contractors are also accounted for as Capital Work-in-Progress till completion. No depreciation is charged on Capital work-in-Progress. Capital Work-in-Progress is reduced when a work is completed or put to use and is capitalized.

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 23 : SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2021

### 6. MISCELLANEOUS EXPENDITURE

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

### 7. REVENUE RECOGNITION

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

### 8. 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 2020-21 only.
- b) All income which accrued up to 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 an Internal Audit System which conduct pre-audit of all major expenses above ₹25,000, purchases and works contracts etc.

### 9. FOREIGN CURRENCY TRANSACTION

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

### 10. GOVERNMENT GRANTS

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

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 23 : SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2021

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

Government grant to the extent utilized on meeting Revenue Expenditure (on accrual basis) are treated as Income of the year in which they are utilized. Interest earned on unutilized Government grant is treated as additional grant after reporting the same to MoE.

Unutilized grants are carried forward and exhibited as a liability in the Balance Sheet.

### 11. 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'.

'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.

### 12. 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 MoE.
- (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) All regular employees of the Institute are covered under National Pension Scheme (NPS). Contribution to NPS (both employee and employer share) is accounted on accrual basis.
- (d) The employees of this Institute are not covered under any gratuity scheme. MoE 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. So, no provision is required to be kept in the accounts towards 'Gratuity'.

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 23 : SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2021

### 13. INTANGIBLE ASSETS

An intangible asset is an identifiable non-monetary asset, without physical substance, held for use in the production or supply of goods or services, for rental to others, or for administrative purposes. Intangible Assets are valued as per AS-26 - 'Intangible Assets'. Capital Expenditure on 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.

### 14. STOCKS

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

### 15. PROVISIONS & CONTINGENCIES

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

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

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

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

### 16. SPONSORED PROJECTS

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

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

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



# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 23 : SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2021

### 17. OTHER ACCOUNTS INCORPORATED

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

### 18. 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.

### 19. 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.

### 20. SECURED LOAN FROM HEFA

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

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

### 21 INCOME TAX

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

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 24 : CONTINGENT LIABILITES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2021

### A. CONTINGENT LIABILITIES

#### 1. Claims against the Entity not acknowledged as debts - ₹12.12crore (Previous year ₹7.67crore).

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 in Public Private Partnership (PPP) mode. 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 2021, MEIL has claimed ₹12.12 crore on this account. The Institute contested the bills and approached the State Government to allow the IIT to make payment for bulk water supply as per its actual intake which was agreed as an interim measure till the arbitration proceeding is finalized. MEIL has already nominated its Arbitrator and nominating an Arbitrator by the Institute is under progress. 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 TO ACCOUNTS

#### 1. GOVERNMENT GRANT

No capital grant was released by the MHRD (MoE) during 2020-21. Grants-in-aid of ₹87.71 crore was released by MoE during 2020-21 for meeting recurring expenses as indicated in table below and same included ₹22.30 crore towards payment of HEFA loan principal and interest which were accounted for under Capital Fund. Remaining revenue grant of ₹65.41 crore together with unspent grant of ₹9.21 crore as on 1.4.2020 and interest of ₹2.30 crore earned on such unspent grants totaling to ₹76.92 crore has been recognized as revenue income (Grants received) in the 'Income and Expenditure Account' since revenue expenses incurred during 2020-21 (₹82.73 crore) was more.

(₹ in crore)

Installment. No	Sanction Letter No. and Date	Grants sanctioned	Grants received
1	F.No.27-2/2020-TS-1 dated 20.04.2020	5.08	5.08
2	F.No.27-2/2020-TS-1 dated 05.05.2020	5.08	5.08
3	F.No.27-2/2020-TS-1 dated 15.05.2020	3.61	3.61
4	F.No.27-2/2020-TS-1 dated 05.06.2020	5.07	5.07
4 (A)	F.No.27-2/2020-TS-1 dated 22.07.2020	5.00	5.00

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 24 : CONTINGENT LIABILITES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2021

(₹ in crore)

Installment. No	Sanction Letter No. and Date	Grants sanctioned	Grants received
5	F.No.27-2/2020-TS-1 dated 06.08.2020	5.00	5.00
6	F.No.27-2/2020-TS-1 dated 08.09.2020	4.90	4.90
7	F.No.27-2/2020-TS-1 dated 17.09.2020	0.44	0.44
6 (A)	F.No.27-2/2020-TS-1 dated 25.09.2020	1.00	1.00
9	F.No.27-2/2020-TS-1 dated 21.10.2020	4.59	4.59
10	F.No.27-2/2020-TS-1 dated 18.11.2020	4.59	4.59
11	F.No.27-2/2020-TS-1 dated 08.12.2020	4.60	4.60
13	F.No.27-2/2020-TS-1 dated 20.01.2021	6.50	6.50
14	F.No.27-2/2020-TS-1 dated 10.02.2021	6.50	6.50
15	F.No.27-2/2020-TS-1 dated 16.03.2021	3.45	3.45
1st HEFA Loan Interest	F.No.27-2/2020-TS-1 dated 22.04.2020	0.06	0.06
2nd HEFA Loan Interest	F.No.27-2/2020-TS-1 dated 27.07.2020	0.64	0.64
3rd HEFA Loan Interest	F.No.27-2/2020-TS-1 dated 20.10.2020	0.51	0.51
4th HEFA Loan Interest	F.No.27-3/2020-TS-1 dated 20.01.2021	0.47	0.47
1st HEFA Loan Principal	F.No.27-3/2020-TS-1 dated 18.09.2020	10.31	10.31
2nd HEFA Loan Principal	F.No.27-3/2020-TS-1 dated 15.03.2021	10.31	10.31
<b>Total GIA Sanctioned</b>		<b>87.71</b>	<b>87.71</b>

Out of unspent capital grants of ₹21.43 crore available with the Institute as on 31st March 2020, ₹13.90 crore was utilised during 2020-21 and the amount utilised has been added to the Capital Fund. Unspent Moe Grants (Capital) of ₹7.53 crore has been shown under 'Current Liabilities'.

Government grant received from MHRD are kept in exclusive bank account maintained with the Canara Bank, Argul. 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'. Unspent revenue grant of ₹9.21 crore as on 1 April 2020 and internal income (interest) of ₹2.30 crore were considered as additional Government grant with due intimation to MoE. Deficit in revenue grant (₹5.81 crore) during 2020-21 due to less release of sanctioned grants has been shown as 'Receivable from MoE' under 'Current Assets'. This has been duly intimated to MoE.

### 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 2020-21, in addition to interest of ₹4.74 Crore received during the year on investment of Corpus Fund, internal income of ₹20.67 crore being tuition and other fee collected from students etc. (after transfer of ₹6.88 crore towards repayment of HEFA loan principal) was transferred to Corpus Fund as per the decision taken vide Agenda No. BoG-15-28 in 15th meeting of the Board of Governors (BoG).

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 24 : CONTINGENT LIABILITES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2021

### 4 FIXED ASSETS AND DEPRICIATION

- 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 lesser written off during the year.
- 4.4 **Fixed Assets created out of SRIC / R&D fund:** Details of Assets created out of SRIC/ R&D fund are given below:

DESCRIPTION	GROSS BLOCK			
	Cost/ Valuation as at the beginning of the year 01.04.2020	Additions during the year 2020-21	Deductions during the year 2020-21	Cost/ Valuation as at the End 31.03.2021
1 PLANT MACHINERY & EQUIPMENT	24,77,08,448.73	4,90,03,462.54	0.00	29,67,11,911.27
2 FURNITURE & FIXTURES :	27,92,054.00	0.00	0.00	27,92,054.00
3 OFFICE EQUIPMENT :	2,49,765.00	1,08,279.00	0.00	3,58,044.00
4 COMPUTER/PERIPHERAL :	2,51,95,780.46	1,15,68,212.00	0.00	3,67,63,992.46
<b>TOTAL OF CURRENT YEAR</b>	<b>27,59,46,048.19</b>	<b>6,06,79,953.54</b>	<b>0.00</b>	<b>33,66,26,001.73</b>

- 4.5 **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. As the asset was not in use during entire year 2020-21, no depreciation has been provided. Asset value has not been reduced as the matter of rectification of the system at the risk and cost of the agency remains subjudice.
- 5 **Additional claim by CPWD:** CPWD executed the phase 1 projects and total expenditure reported is ₹420.15 crore up to 31st March 2021 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 and defects have not been rectified and retention money have not been transferred to IIT deposit account, the matter is under correspondence and so no provision has been kept in the accounts for such claim.

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 24 : CONTINGENT LIABILITES AND NOTES TO ACCOUNTS FORMING PART OF ACCOUNTS FOR THE PERIOD ENDED 31ST MARCH 2021

- 6 **HEFA loan:** During the year 2020-21, loan of ₹48.581 crore was availed by the Institute for payment to NBCC out of ₹275 crore sanctioned during July 2018 and cumulative loan availed up to 31st March 2021 was ₹66.551 crore. 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. During the year ₹27.50 crore was repaid to HEFA (MoE grant-₹20.625 crore and Institute share-₹6.875 crore). However, interest for the quarter ended 31st March 2021 accrued during the year (₹69.71 lakh) as demanded by HEFA in April 2021, received from MoE and paid during said month has been accounted for under 'Current liabilities' and same amount has been shown as 'Grants receivable from MoE towards HEFA interest' under Current Assets.
- 7 **Concessional rate of GST for construction works:** NBCC has been engaged as Project Management Consultant (PMC) for execution of construction works of IIT Bhubaneswar with reimbursement of expenditure incurred on works plus 5.5 per cent PMC charges vide MoA dated 2 June 2016. However, NBCC charged 18 per cent GST and same was repeatedly objected by IIT Bhubaneswar stating that concessional rate of 12 per cent GST would be applicable since IIT Bhubaneswar is a Government Authority. Ultimately, NBCC was persuaded to sought ruling of Advance Ruling Authority of Odisha (ARA) in January 2020. ARA vide Advance Ruling dated 1 October 2020 though ruled IIT Bhubaneswar as a Government Agency but allowed concessional rate of GST (12 per cent) only for academic and student related infrastructure but not for staff/ faculty quarters, PMC charges etc. On appeal before the Odisha Appellate Authority on Advance Ruling, the appellate authority vide ruling dated 19th March 2021 allowed concessional rate of GST at 12 per cent on all works covered under MoA dated 2 June 2016 between IIT Bhubaneswar and NBCC. However, NBCC despite instructions of IIT Bhubaneswar did not take action for getting refund of excess tax paid but again filed another appeal with GST Appellate Authority in June 2021 seeking clarification on effective date of ARA Ruling, which is pending (July 2021). Thus, impact of such reduction of GST rate has not been accounted for in this account.
- 8 **Employee benefit:** All employees of this Institution (excepting one on lien from IIT, Kharagpur) are covered under New Pension Scheme /National Pension System (NPS) as on 31st March 2021. 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 (CFTIs) that are following the same pattern of pay and allowances as applicable to central Government employees. Though the Ministry of Education 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 (June 2021).

Besides, on a reference made by the Institute based on observations of CAG Audit for creation of a leave encashment fund as per AS15, MoE clarified that such expenses are permissible to be met out of grants-in-aid released to the Institute and so same is being utilized from Government Grant.

Thus, no provision based on actuarial valuation as per Accounting Standard 15 has been made for leave encashment / gratuity, as the same is not required to be kept.

**Indian Institute of Technology Bhubaneswar****RESEARCH & DEVELOPMENT****Balance Sheet as at 31<sup>st</sup> March 2021**

(Amount in ₹)

<b>LIABILITIES</b>	<b>Previous Year</b>	<b>Current Year</b>	<b>Amount ₹</b>
<b>Project Balance</b>			
Sponsored Research Project {Sch - 3A (1)}	19,55,49,205.03	(81,06,627.20)	18,74,42,577.83
Sponsored Consultancy Receipt {Sch - 3A (2)}	2,98,52,301.16	1,40,67,530.76	4,39,19,831.92
Seed Money Grant {Sch - 3A (3)}	(48,11,866.66)	2,08,65,374.00	1,60,53,507.34
Sponsored Fellowship {Sch - 3(B)}	42,08,287.00	14,24,251.00	56,32,538.00
<b>Project Assets</b>			
Sponsored Research Project	23,78,60,267.98	5,44,51,142.54	29,23,11,410.52
Asset in Transit	-	-	-
Asset R&D	10,62,318.00	1,08,279.00	11,70,597.00
Seed Money Project	3,70,19,468.21	61,20,532.00	4,31,40,000.21
<b>Interest Received From Bank</b>	-	-	-
Bank Interest	1,83,29,300.91	32,30,797.96	2,15,60,098.87
Accrued Interest	5,25,29,895.44	2,29,44,552.67	7,54,74,448.11
Tender fee	4,52,000.00	3,000.00	4,55,000.00
PDF Application Fees	14,250.00	-	14,250.00
<b>Other Liabilities:</b>			
Demmragge Charges	1,399.00	-	1,399.00
Grant to Spoke Institute (DIC)	49,50,000.00	-	49,50,000.00
Other Liabilities	16,54,095.00	3,48,890.00	20,02,985.00
Sundry Creditor	1,91,27,918.00	1,17,52,809.13	3,08,80,727.13
Stale Cheque	5,10,339.64	1,30,265.00	6,40,604.64
Liquidated Damages	37,57,460.89	63,396.00	38,20,856.89
Performance Bank Gurantee (PBG)	12,21,899.00	8,02,618.00	20,24,517.00
Duty & Tax	1,29,20,013.00	(61,73,327.88)	67,46,685.12
Institute Overhead	1,03,00,747.00	15,95,195.00	1,18,95,942.00
School Development Fund	96,32,085.00	27,13,520.00	1,23,45,605.00
Faculty Development Fund	49,55,553.00	13,96,685.00	63,52,238.00
Earnest Money Deposit (EMD)	19,53,700.00	(8,14,700.00)	11,39,000.00
Workshop	23,103.00	-	23,103.00
<b>TOTAL LIABILITIES</b>	<b>64,30,73,739.60</b>		<b>76,99,97,922.58</b>

# Indian Institute of Technology Bhubaneswar

## RESEARCH & DEVELOPMENT

Balance Sheet as at 31<sup>st</sup> March 2021

(Amount in ₹)

ASSETS	Opening	Addition/ Modification	Amount ₹
<b>Fixed Assets:</b>	<b>27,59,46,048.19</b>	<b>6,06,79,953.54</b>	<b>33,66,26,001.73</b>
Equipment	24,77,08,448.73	4,90,03,462.54	29,67,11,911.27
Asset in Transit	-	-	-
Office Equipment	2,49,765.00	1,08,279.00	3,58,044.00
Workstation/Computer	2,15,70,181.46	1,12,00,712.00	3,27,70,893.46
Furniture & Fixture	27,92,054.00		27,92,054.00
Accessories	5,23,708.00		5,23,708.00
Software	31,01,891.00	3,67,500.00	34,69,391.00
<b>Current Assets:</b>			
Advance	14,10,817.80	-4,30,436.00	9,80,381.80
Grant to Spoke Institute	49,50,000.00	-	49,50,000.00
Debtors	1,09,585.17	75,25,442.29	76,35,027.46
Tax Deducted at Source (TDS)	48,49,973.00	16,85,284.00	65,35,257.00
Goods & Service Tax (TDS)	84,604.00	36,723.00	1,21,327.00
Term Deposit	32,98,54,354.44	2,87,98,690.21	35,86,53,044.65
<b>Bank A/c:</b>	<b>2,58,68,357.00</b>		<b>5,44,96,882.94</b>
SBI A/c-20054905156		4,08,64,101.24	
Syndicate Bank A/c-800721600000022		-3,38,921.00	
SBI A/c No. 35052867155		-5,18,134.00	
SBI A/c No. 38605214766		1,44,89,836.70	
<b>TOTAL ASSETS</b>	<b>64,30,73,739.60</b>	<b>13,91,59,758.28</b>	<b>76,99,97,922.58</b>



**Indian Institute of Technology Bhubaneswar****RESEARCH & DEVELOPMENT****RECEIPTS & PAYMENTS ACCOUNT FOR THE FINANCIAL YEAR 2020-21**

(Amount in ₹)

<b>Receipts</b>	<b>Amount</b>		<b>Payments</b>	<b>Amount</b>
Opening Balance		64,30,73,739.60	Payments during the year	
Receipt during the year			Salary to JRF/SRF and project Assistant	3,11,25,269.00
Consultancy Project		3,82,13,390.02	Consumables	78,72,107.80
Sponsored Research Project	9,57,57,824.00		Contingencies	51,79,768.00
Less : Refunded	29,77,346.36	9,27,80,477.64	Recurring Expenses	22,15,687.50
Sponsored Fellowship		41,04,199.00	Travel Expenses	3,97,082.00
Seed Grant Project		2,75,39,605.00	Consultancy Fees & Honorarium	2,17,85,415.26
Institute Overheads		1,80,90,132.00	Meeting & Workshop Expenses	4,43,154.00
Tax Deducted at Source (TDS)		66,64,659.00	Institute Corpus Fund	1,03,00,747.00
Goods & Service Tax (GST)		90,00,644.25	Fellowship	26,79,948.00
GST TDS		4,03,176.00	Overhead refund	18,000.00
Professional Tax		4,900.00	Sample Preparation	1,19,469.00
Earnest Money Deposit (EMD)		6,95,000.00	Outsourcing Facility	2,12,506.00
Performance Bank Gurantee (PBG)		10,62,183.00	R&D Recurring Expenses	15,45,377.00
Other Current Liability		3,71,390.00	Fabrication & Other Cost	64,976.00
Sundry Creditors		7,99,37,402.79	Startup & IPR Expenses	1,33,948.00
Liquidated Damages		73,451.00	Duty & Taxes	2,22,46,707.13
Bank Interest		20,58,311.96	Stale Cheque	1,24,151.00
Interest on TDR		18,01,597.00	Sundry Creditors	6,81,84,593.66
Interest on TDR Accrued		2,29,44,552.67	Other Current Liability	22,500.00
Stale Cheque		2,54,416.00	Faculty Development Fund	4,12,329.00
Tender fee		3,000.00	Bank Interest	6,29,111.00
			Research Grant	15,86,138.00
			Earnest Money Deposit (EMD)	15,09,700.00
			Performance Bank Gurantee (PBG)	2,59,565.00
			Liquidated Damages	10,055.00
			Closing Balance	76,99,97,922.58
<b>Total</b>		<b>94,90,76,226.93</b>	<b>Total</b>	<b>94,90,76,226.93</b>



# Indian Institute of Technology Bhubaneswar

## 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
			4	5	6	7	8	9	10
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	2,10,02,311.00	-	25,00,000.00	2,35,02,311.00	40,46,300.00	1,94,56,011.00	-
3	Validity of Quasi - static Approximation in Magneto hydrodynamic Flows and Heat transfer - A numerical study.	CSIR	16,571.00	-	-	16,571.00	-	16,571.00	-
4	Re-engineering of walking type reaper binder	DA&FP	8,92,899.00	-	-	8,92,899.00	-	8,92,899.00	-
5	Design, Synthesis and biological evaluation of novel Ftsz inhibitors a potential anti tubercular agents	DBT	3,390.00	-	-	3,390.00	-	3,390.00	-
6	"CFD Modelling of 76mm Naval Gun Projectile Motion in Aid of Range enhancement".	DRDO	89,753.00	-	-	89,753.00	-	89,753.00	-
7	Influence of osmolytes on the structure, dynamics and hydrogen bond properties of water in aqueous solution and other aqueous binary mixtures at different thermodynamic conditions	DST	3,000.00	-	-	3,000.00	-	3,000.00	-
8	Catalytic activity of endothermal nitric synthese-a probe into the molecular basis of its electron transfer limitation	DST	91,128.00	-	-	91,128.00	-	91,128.00	-
9	Hydraulics of submerged structures subjected to shallow submergence	DST	6,168.00	-	-	6,168.00	-	6,168.00	-
10	Decoupled LTI and periodic compensation of Quadruple - Tank process: Experimental studies.	DST	-	1,49,415.00	-	-	-	-	1,49,415.00
11	Enhancement of Bandwidth of planar Antennas using Electromagnetic Bandgap Structures	DST	-	949.00	-	-	-	-	949.00
12	Investigation on the field and laboratory corrosion behaviour of steel in structural concretes	DST	1,23,163.00	-	-	1,23,163.00	-	1,23,163.00	-
13	Robust Nonlinear Channel Equalization and Identification using Bio-inspired techniques.	DST	1,20,003.00	-	-	1,20,003.00	-	1,20,003.00	-
14	Asymmetric synthesis of embellished carbocycles from carbohydrates via intramolecular 1,3 Dipolar cycloaddition reaction: studies towards total synthesis of napanosine F.	DST	4.00	-	-	4.00	-	4.00	-

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
15	Novel Hyperreute Al-si-mg alloys for automotive applications	DST	8,070.00	-	-	8,070.00	-	8,070.00	-	-
16	National Initiative for Design Innovation	MHRD	70,23,343.00	-	-	70,23,343.00	25,04,679.00	45,18,664.00	-	-
17	Investigations of Aerosol Outflow from Indo Gangetic Plain	ISRO	23,43,158.00	-	-	23,43,158.00	-	23,43,158.00	-	-
18	Synthesis, Characterisation and development of red mud-fly ash based geopolymers concrete	NALCO	6,95,200.00	-	-	6,95,200.00	-	6,95,200.00	-	-
19	Analysis & Design of acoustic absorber linings for underwater application	NPOL	1,22,930.00	-	-	1,22,930.00	-	1,22,930.00	-	-
20	Intramolecular 1,3-dipolar cycloaddition of nitrile oxide to embellished bicyclo[2.2.2] octenones and its derivatives: studies on the synthesis of isotwistane framework of pupukeananes	Utkal University	23.00	-	-	23.00	-	23.00	-	-
21	Study on the development of ultra-sensitive optical fiber accelerometer based on Fiber Bragg grating (FBG) written Trapered Thin-Core Fiber	RCI	25,750.00	-	-	25,750.00	-	25,750.00	-	-
22	Optimization HIP process conditions for 9Cr and 18Cr ODS steel powder	UGC-DAE	79,819.00	-	-	79,819.00	-	79,819.00	-	-
23	"Southampton & National Oceanography centre IIT Bhubaneswar UMASS Dartmouth- Earth, Ocean& climate Science"	UKIERI	1,56,297.00	-	-	1,56,297.00	-	1,56,297.00	-	-
24	Neutron Diffraction studies of fields induced magnetic transmission in Er5si3	UGC-DAE	12,719.00	-	-	12,719.00	-	12,719.00	-	-
25	Special Manpower Development Program for Chips to System Design (SMDP-C2SD)	DEITY	5,52,541.00	-	10,27,362.00	15,79,903.00	5,13,509.00	10,66,394.00	-	-
26	Solar Powered DC System for Domestic Electrification and Rural Application	OREDA	-	54,000.00	-	(54,000.00)	-	-	-	54,000.00
27	Design and implementation of MIMO based transceiver for emergency applications	DST	2,88,551.00	-	-	2,88,551.00	-	2,88,551.00	-	-
28	Computer vision guided mass gathering surveillance using crowd flow analysis	DST	-	-	1,810.00	1,810.00	1,810.00	-	-	-
29	Development of Higher Order Compact Scheme to capture Taylor column phenomena in rotating fluids	DST	-	89,459.00	-	(89,459.00)	-	-	-	89,459.00

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
30	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	14,324.00	784.00	784.00	-	-	-
31	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	-	-
32	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	-	-
33	Project Liability		(72,807.00)	-	-	(72,807.00)	-	(72,807.00)	-	-
34	Performance Evaluation of Pavements with Stabilized Bases/Subbases for Rural Roads	NRRDA	5,27,810.00	-	-	5,27,810.00	-	5,27,810.00	-	-
35	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	-	-
36	Visveswaraya PHD Scheme	Deity	13,146.00	-	6,98,667.00	7,11,813.00	6,29,738.00	82,075.00	-	-
37	Designing of Novel Multiferroic Transition Metal Oxides for Memory and Energy Applications	DST	-	-	2,51,493.00	2,51,493.00	2,51,493.00	-	-	-
38	Simulation of coastal circulation on North-West Bay of Bengal	DST	-	23,125.00	-	(23,125.00)	-	-	-	23,125.00
39	Development of Deep Hole Drilling Technique for Measurement of Residual Stresses and its Validation	BRNS	30,209.00	-	-	30,209.00	-	30,209.00	-	-
40	Fabrication and characterisation of CVD diamond detectors for plasma diagnostics in nuclear fusion reactors	BRNS	90,706.00	-	-	90,706.00	-	90,706.00	-	-
41	Modelling of Chemical Vapour Infiltration (CVI) process for Fabrication of Carbon Reinforced Carbon Matrix Composites	DRDO	1,70,616.00	-	-	1,70,616.00	-	1,70,616.00	-	-
42	Diesel engine Emission Control using Electrical Discharge based Technique for Clean Environment: A Non-Conventional Approach	DST	2,38,393.00	-	6,437.00	2,44,830.00	2,44,830.00	-	-	-
43	Compact Muon Solenoid (CMS) Upgrade, Operation and Utilization	DST	18,50,942.73	-	-	18,50,942.73	1,30,935.00	17,20,007.73	-	-
44	A bound-state electronic structure theory approach to investigate the electron detachment initiated by light	DST	-	1,235.72	-	-	-	-	-	1,235.72

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
45	Study of the effects of Climate Change on Hydro-meteorological processes: Droughts and Floods at Different Spatial and Temporal Scales in Eastern India	DST	9,81,942.00	-	30,00,000.00	39,81,942.00	30,12,530.00	9,69,412.00	-	
46	Design and implementation of High-speed low-power embedded signal processor-based custom power devices for power quality improvement	DST	2,09,722.00	-	-	2,09,722.00	2,09,722.00	-	-	
47	Rice mill wastewater treatment and bio-electricity generation in low cost microbial fuel cell employing ceramic separator	DST	30,113.00	-	-	30,113.00	-	30,113.00	-	
48	Development of enhanced hydrophobic tube shell with low pressure drop for two phase shell and tube heat exchanger	DST	-	2,31,598.00	-	(2,31,598.00)	56,785.00	-	-	2,88,383.00
49	Bioelectricity recovery during treatment of kitchen waste in combined leach bed reactor and low cost microbial fuel cell	DST	2,24,037.00	-	-	2,24,037.00	1,81,800.00	42,237.00	-	
50	Greywater treatment and reuse by combined sequencing batch reactor and solar photocatalytic reactor	DST	1,70,186.00	-	-	1,70,186.00	2,54,923.00	-	-	84,737.00
51	Droplet impact and splashing on oblique surface	DST	-	33,794.00	-	(33,794.00)	-	-	-	33,794.00
52	"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	-	
53	Driver behavior modelling for autonomous driving	KPIT Technology Ltd	11,607.00	-	-	11,607.00	-	11,607.00	-	
54	Atomic Scale Aluminium as Interconnects in Electronic devices	NALCO	16,25,429.00	-	-	16,25,429.00	22,723.00	16,02,706.00	-	
55	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	12,11,417.00	-	-	12,11,417.00	1,34,337.00	10,77,080.00	-	
56	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	-	

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
57	Structural studies on the interaction of hc5a with the N-terminus peptides of C5aR and CSL2 receptor	DST	1,404.00	-	2,00,000.00	2,01,404.00	2,01,404.00	-	-
58	Design and Development of Optical Microfiber based Acoustic Sensors for Under/Over Water Applications	DST	5,90,553.72	-	-	5,90,553.72	4,67,942.54	1,22,611.18	-
59	Role of cloud physics and dynamics on lifecycle of monsoon low pressure using high resolution observation and modeling	DST	-	8,107.32	-	-	-	-	8,107.32
60	Optimization Of Silos, Bins And Hoppers Designs Through Modelling, Primarily Intended For Iron Ore Storage	UAY of MHRD & NMDC	39,89,537.00	-	22,50,000.00	62,39,537.00	46,47,158.00	15,92,379.00	-
61	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	-
62	Study of hybrid improper ferroelectricity in layered perovskites by high resolution neutron diffraction techniques	UGC-DAE	1,10,326.00	-	-	1,10,326.00	-	1,10,326.00	-
63	Design development of light weight wearable wireless acoustic wave sensor array based audio-visual digital stethoscope device	DST	3,55,969.00	-	-	3,55,969.00	-	3,55,969.00	-
64	Ion irradiation induced modification of one-dimensional functional nano-materials	BRNS	59,783.00	-	-	59,783.00	59,783.00	-	-
65	Design and Development of Affordable and Movable Solar Photovoltaic (SPV) Water Pumping System	DA&FP	63,94,120.00	-	-	63,94,120.00	18,03,025.00	45,91,095.00	-
66	Techniques and tools for verification of network security policies based on formal methods to assess security of networks	DRDO	-	1,07,278.00	1,07,278.00	-	-	-	-
67	Synthesis of some natural marine pyrrole alkaloids and molecules inspired from them for multi-drug resistance (MDR) Cancer Cells	CSIR	3,25,064.00	-	-	3,25,064.00	3,78,004.00	-	52,940.00
68	Online Target Scoring system for consistency trails with scintillation removal in images	DRDO	2,53,178.00	-	-	2,53,178.00	2,53,178.00	-	-
69	Brush less DC machine based solar pumping system	DST	8,94,908.00	-	-	8,94,908.00	10,26,656.00	-	1,31,748.00
70	Design and analysis of reactor for catalytic copyrolysis of biomass and plastic: A treatment technique for mixed solid waste	DST	5,46,179.00	-	-	5,46,179.00	7,93,694.00	-	2,47,515.00
71	Si/SiC Hybrid semiconductor based solid state transformer for PV application	DST	3,06,822.00	-	-	3,06,822.00	3,20,689.00	-	13,867.00

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
72	Growth and characterization of semiconductor graphene hybrid nanosheets for sola cell applications	DST	-	2,38,749.00	7,40,000.00	5,01,251.00	5,34,580.00	-	33,329.00	
73	Development of Speech Interface for Form-filling Application in Five Indian Languages	MEIT	3,87,691.00	-	75,566.00	4,63,257.00	4,63,257.00	-	-	
74	Measures for Improving the Attractiveness of Pedestrian Facility Accessing Urban Local Bus Stops	MHRD	7,99,028.74	-	1,81,000.00	9,80,028.74	85,330.00	8,94,698.74	-	
75	UI-ASSIST: US-India collaborative for smart distribution system with storage	IUSSTF	1,90,80,608.00	-	24,74,454.00	2,15,55,062.00	68,47,434.00	1,47,07,628.00	-	
76	Estimation of upwelling indices and study of propagating ocean fronts in the Indian and Global Oceans utilizing SCATSAT-1 gridded wind fields	ISRO	4,36,615.00	-	-	4,36,615.00	4,36,615.00	-	-	
77	Design and study of Nano and micro displacement sensor based on Photonic Crystal Fiber modal interferometer	ISRO	11,31,450.00	-	-	11,31,450.00	1,34,376.00	9,97,074.00	-	
78	Numerical simulation of sub-mesoscale features along Odisha coast using SCATSAT winds	ISRO	24,220.00	-	-	24,220.00	24,220.00	-	-	
79	Detection of lighting phenomena and associated process and its now casting	ISRO	14,681.00	-	-	14,681.00	14,090.00	591.00	-	
80	Treatment for domestic wastewater using microphyte assisted vermifiltration system	MHRD	5,376.00	-	13,65,000.00	13,70,376.00	9,05,090.00	4,65,286.00	-	
81	UK India clean energy research institute (UKICER)	MHRD	1,06,471.00	-	15,37,000.00	16,43,471.00	8,79,955.00	7,63,516.00	-	
82	Characterization studies of Nano-enhanced Phase Change Material (NEPCM) in thermal storage devices for sustainable building designs in India	DST	1,22,497.00	-	-	1,22,497.00	1,22,497.00	-	-	
83	Impact Assessment of climate change on Hydro-meteorological processes and water resources of Mahanadi river basin	DST	5,27,202.00	-	-	5,27,202.00	8,04,819.00	-	2,77,617.00	
84	Materials and related storage devices for grid-deprived communities	DST	91,978.00	-	5,51,491.00	6,43,469.00	6,42,670.00	799.00	-	
85	Investigation on quantification and prevention of high residual stresses and hydrogen assisted cracking in creep strength enhanced ferritic steel welds for low pollution ultra supercritical power plant applications	DST	4,77,943.00	-	-	4,77,943.00	-	4,77,943.00	-	

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
86	Value added Electrochemical Devices from Zircon Obtained from Beach Sands of Odisha	DST	1,93,765.00	-	-	1,93,765.00	2,04,035.00	-	10,270.00	
87	Estimation of morphodynamicity and its remedial action using red-mud based concrete at coastal zone of Eastern Odisha	Ministry of Mines	11,27,675.36	-	-	11,27,675.36	11,27,675.36	-	-	
88	Performance Improvement of Steam Generator through the Enhanced Hydrophobic Surface	CPRI	5,61,861.00	-	-	5,61,861.00	5,08,636.60	53,224.40	-	
89	Assessment and improvement of rainfall forecast skills over the state of Odisha with special reference to Mahanadi and Brahmani-Baitarani river system	CSIR	1,72,000.00	-	-	1,72,000.00	-	1,72,000.00	-	
90	Development of dppz Based Mononuclear Complexes of Iridium and Gold as Prential Luminescent Probe and Anticancer Agent	CSIR	-	14,955.00	1,50,694.00	1,35,739.00	1,21,514.00	14,225.00	-	
91	Decoding the factors controlling the variations in 'metal-package' within W-Sn-polymetallic province of Eripura-Malani igneous suite, India	DST	5,32,677.50	-	-	5,32,677.50	5,32,677.50	-	-	
92	Design and Development of Co-axial Synthetic Jet for Electronics Cooling	DST	28,566.00	-	6,09,300.00	6,37,866.00	3,49,909.00	2,87,957.00	-	
93	ION Induced modification of the nanostructured materials and tuning of surface wetting property	DST	11,93,694.00	-	-	11,93,694.00	7,04,487.00	4,89,207.00	-	
94	Minimization of Storage Requirements in Renewable Rich Smart Microgrid through Coordinated Control of Resources	DST	28,00,640.00	-	-	28,00,640.00	12,14,953.00	15,85,687.00	-	
95	Independence polynomials of graphs and associated fractals	DST	86,776.00	-	1,20,000.00	2,06,776.00	1,54,925.00	51,851.00	-	
96	Impact of changing aerosol loading and urbanization on surface temperature and rainfall over select cities over India	DST	29,76,001.00	-	-	29,76,001.00	9,36,443.00	20,39,558.00	-	
97	FIST Programme - SMS	DST	2,04,76,962.00	-	-	2,04,76,962.00	1,70,23,842.00	34,53,120.00	-	
98	FIST Programme - SES	DST	19,65,105.00	-	40,00,000.00	59,65,105.00	6,35,628.00	53,29,477.00	-	
99	Light weight, Reconfigurable Cognitive Radio Platform for M2M and IoT applications	DST - IMPRINT	43,59,429.00	-	3,00,000.00	46,59,429.00	35,05,034.00	11,54,395.00	-	
100	Prototype of Imaging Radar in UWB	DST - IMPRINT	48,31,913.00	-	3,00,000.00	51,31,913.00	24,57,360.00	26,74,553.00	-	

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
101	Quality control of HF Radar surface currents for investigation of sub-mesoscale coastal processes and its use for assimilation in the INCOIS model	INCOIS	6,81,147.00	-	-	6,81,147.00	7,36,181.00	-	55,034.00	
102	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	1,40,464.00	-	9,536.00	1,50,000.00	1,30,202.00	19,798.00		
103	Low temperature electro refining process for production of high purity aluminium (4N and above)	NALCO	75,142.00	-	3,52,500.00	4,27,642.00	3,22,758.00	1,04,884.00		
104	Improving damping capacity of cast Nickel aluminum Bronze (NAB) alloys	NRB, DRDO	2,67,237.00	-	4,65,763.00	7,33,000.00	1,89,343.00	5,43,657.00		
105	Stress Corrosion Cracking (SSC) evaluation of Materials for Naval application: New insights from Double Cantilever Beam (DCB) technique	NRB, DRDO	5,76,244.00	-	-	5,76,244.00	1,22,000.00	4,54,244.00		
106	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	21,08,069.00	-	-	21,08,069.00	21,08,069.00	-		
107	Spectra of multidigraphs and their applications to complex networks	DST	25,561.00	-	1,50,000.00	1,75,561.00	54,730.00	1,20,831.00		
108	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	16,38,323.00	-	-	16,38,323.00	13,39,122.00	2,99,201.00		
109	Development of Metal Matrix Nano-Composites using selective Laser Melting process	DST	36,26,880.00	-	-	36,26,880.00	5,97,653.00	30,29,227.00		
110	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	4,44,404.00	-	6,00,000.00	10,44,404.00	8,52,304.00	1,92,100.00		
111	Online Corrosion Monitoring in naval structures	NRB, DRDO	8,57,110.00	-	-	8,57,110.00	6,38,485.00	2,18,625.00		



# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
									(Amount in ₹)
112	Development of Cost Effective process and known for production of Al-Mg alloys of enhanced mechanical properties, incorporating graphen/grapheme oxide, suitable for automobile application	NALCO	4,79,586.00	-	-	4,79,586.00	7,03,344.00	-	2,23,758.00
113	Development of continuous gradient Functionally Graded Materials (FGMs) by using gravity die casting under Teachers Associateship for Research Excellence (TARE)	DST	2,50,000.00	-	-	2,50,000.00	1,44,901.00	1,05,099.00	
114	Design and Development of Hybrid "PCM-Synthetic Jet" based Heat Sink for Electronic Cooling	DST	14,47,317.00	-	-	14,47,317.00	5,51,978.60	8,95,338.40	
115	Effect of laser shock peening on the fatigue behavior of Nitinol shape memory alloy	DST	6,95,631.00	-	-	6,95,631.00	6,92,513.00	3,118.00	
116	Dynamic Analysis and Design of Dynamically Balanced Gait Controller for Lower Limb Exoskeleton	DST	2,59,771.00	-	11,00,000.00	13,59,771.00	5,98,700.00	7,61,071.00	
117	Development of Heterodimetallic Complexes and their Theranostic and Catalytic Aspects	DST	4,92,305.00	-	7,00,000.00	11,92,305.00	5,11,350.00	6,80,955.00	
118	Smart Grid Security Control Using Nature-Inspired Decentralised Cooperative Metaheuristic Strategies	DST	1,72,021.00	-	-	1,72,021.00	1,53,800.00	18,221.00	
119	Development of long-term high resolution Land Use Land Cover (LULC) data for Bhubaneswar peri-urban & rural areas and future projection	DST	22,15,138.00	-	-	22,15,138.00	15,46,400.00	6,68,738.00	
120	Development of stand-alone, cost effective conversion coatings for Magnesium alloys	UAY MHRD	22,00,877.00	-	-	22,00,877.00	60,000.00	21,40,877.00	
121	Evaluation and development of hyperlocal forecasting systems for smart city bhubaneswar and neighborhood regions	DST	10,85,996.00	-	8,00,000.00	18,85,996.00	17,72,202.00	1,13,794.00	
122	Urban Modelling: Development of multi-sectorial simulation lab and science based decision support framework to address urban environment issues	CDAAC Under Meity	68,78,624.00	-	-	68,78,624.00	46,38,880.00	22,39,744.00	
123	Design and Development of tools for detection and prevention of cyber-attacks in Smart Grid Energy Management Systems (EMS)	CPRI	24,68,663.00	-	-	24,68,663.00	17,21,508.00	7,47,155.00	
124	Urban Flood Modelling - A Web-based Decision Tool Integrating UAV Based Information	DST	21,03,522.00	-	-	21,03,522.00	18,93,375.00	2,10,147.00	

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
125	A Novel fluorescence-based assay for rapid detection and quantification of Exosomes	DST	9,53,658.00	-	-	9,53,658.00	10,03,644.00			49,986.00
126	Development of heat transfer enhancement methods at boiling and evaporation on horizontal tube bundles for falling films and forced flow of liquids	DST	16,92,920.00	-	-	16,92,920.00	6,22,624.60	10,70,295.40		
127	Centre for H2 Solutions - Materials Energy Systems (H2 - M & ES)	DST-NFTDC	5,93,510.00	-	-	5,93,510.00	3,53,908.00	2,39,602.00		
128	Mechanical behaviour of additively manufactured hierarchical micro-architected metamaterials and composites for structural and functional applications	DST	37,49,482.00	-	-	37,49,482.00	9,91,458.00	27,58,024.00		
129	Improved surface hardness of bus body panels: A simple route by shot peening	NALCO	4,16,454.00	-	-	4,16,454.00	1,94,916.00	2,21,538.00		
130	Single chip test set for portable 5G network analyzers	DST	38,08,901.00	-	5,00,000.00	43,08,901.00	4,35,396.00	38,73,505.00		
131	Development of Aluminium-based Materials for Energy Storage Application-Supercapacitor	NALCO	2,18,749.00	-	2,70,000.00	4,88,749.00	2,02,303.00	2,86,446.00		
132	Energy Efficiency in Agricultural pumping with smart ground water management through monitoring and targeting aquifers	EESL	4,31,548.02	-	15,68,001.00	19,99,549.02	15,22,083.00	4,77,466.02		
133	Development of a sub-micrometer resolution electro hydrodynamic jet printer for printing customized polymeric structures	DST-IMPRINT II	3,80,556.00	-	3,00,000.00	6,80,556.00	4,22,498.00	2,58,058.00		
134	Seismic Design of Pipelines	NDMA-BIS	2,29,737.00	-	5,28,000.00	7,57,737.00	6,07,142.00	1,50,595.00		
135	High Pure Nano-Alumina for Solar Cell Anti-Reflection Coatings and Reinforcing Aluminum	NALCO	3,52,750.00	-	3,06,000.00	6,58,750.00	1,41,000.00	5,17,750.00		
136	Life Cycle and performance assessment of cold mix roads	NRIDA	9,40,878.00	-	9,25,000.00	18,65,878.00	9,63,536.00	9,02,342.00		
137	Development of hybrid smart grid communication network for last mile connectivity: A D2D and PLC approach	DST	20,58,056.00	-	-	20,58,056.00	16,69,069.00	3,88,987.00		
138	Grid Interconnection Protocols for Largely Dispersed Minigrids/Microgrids for Electrification of Rural India (MultiGrid)	DST	9,55,000.00	-	-	9,55,000.00	2,25,000.00	7,30,000.00		-
139	Quadratic boost converter based multi-input power converter interface for renewable applications	DST	15,13,110.00	-	-	15,13,110.00	10,99,518.00	4,13,592.00		-

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
140	The inter-relationship between atmospheric aerosol distribution and tropical intraseasonal oscillations over the Indian region	DST	18,00,000.00	-	-	18,00,000.00	1,26,960.00	16,73,040.00	-
141	Cost effective ICT-Data analytics system for efficient management of water and fertilizer in precision agriculture	DST IMPRINT II	31,05,240.00	-	-	31,05,240.00	-	31,05,240.00	-
142	Taylor column phenomena of axially translating sphere in a rotating fluid - a numerical study	DST	7,82,129.00	-	-	7,82,129.00	4,37,797.00	3,44,332.00	
143	Design and development of lightweight and crashworthy hierarchical materials and structures	DST	21,71,230.00	-	-	21,71,230.00	16,21,360.00	5,49,870.00	
144	Design and development of metal-oxide hetero-structures for enhancement of photovoltaic energy conversion efficiency	DST	16,16,800.00	-	-	16,16,800.00	2,20,952.00	13,95,848.00	
145	Space-time domain decomposition methods for non-linear cahn-hilliard equation and their implementations in parallel computers	DST	4,39,500.00	-	-	4,39,500.00	2,80,720.00	1,58,780.00	
146	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	6,05,020.00	-	-	6,05,020.00	4,60,489.00	1,44,531.00	
147	Design and Development of Dynamic Phasor and Frequency Estimator Complying IEEE C37.118 standard under Teachers Associationship for Research Excellence (TARE)	DST-TARE	3,10,000.00	-	-	3,10,000.00	1,17,319.00	1,92,681.00	
148	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	22,43,800.00	-	-	22,43,800.00	10,44,073.00	11,99,727.00	
149	Prediction of impact dynamics of projectile and armour plate with accurate thermal modelling	DRDO	12,52,000.00	-	-	12,52,000.00	1,91,400.00	10,60,600.00	
150	Thermal Characterization of gun barrel during dynamic firing	DRDO	12,45,000.00	-	-	12,45,000.00	2,00,680.00	10,44,320.00	

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
151	Subsurface variability of the Bay of Bengal from observations and models: relationship with Indian Monsoon and Cyclogenesis	DST	8,32,000.00	-	2,00,000.00	10,32,000.00	6,84,573.00	3,47,427.00	-	
152	Quasi-permutation representations and Gelfand pair?	DST- MATRICS	2,00,000.00	-	-	2,00,000.00	2,10,694.00	-	-	10,694.00
153	Design and characterization of an Al-Ti based high entropy alloys	DST	16,80,000.00	-	-	16,80,000.00	10,35,886.00	6,44,114.00	-	
154	High Resolution satellite mapping of particulate pollution (PM205) Hotspots over Bhubaneswar	SPCB	23,29,152.00	-	-	23,29,152.00	3,08,728.00	20,20,424.00	-	
155	Designing of novel transition metal oxide based ferroelectric perovskites for visible light photovoltaic application	DST	29,73,074.00	-	-	29,73,074.00	8,70,090.00	21,02,984.00	-	
156	A study of harmonic analogue of certain univalent and analytic functions	DST- MATRICS	2,00,000.00	-	-	2,00,000.00	1,98,794.00	1,206.00	-	
157	Study of carrying capacity of dolphins/ habitat preference and carrying capacity of tourist boats in Chilika Lake	Chilika Wildlife Division, Govt. of Odisha	9,20,000.00	-	-	9,20,000.00	2,89,487.00	6,30,513.00	-	
158	Assimilation of Ground Radar Data with Weather Research and Forecast Model in Information Theoretic Framework	Ministry of Earth Sciences	9,81,520.00	-	-	9,81,520.00	5,02,033.00	4,79,487.00	-	
159	Functional consequences of cancer testis antigen ATAD2 in pancreatic cancer	DBT	5,50,000.00	-	-	5,50,000.00	5,50,433.00	-	-	433.00
160	Saraswati 2.0 - Identifying best available technologies for decentralized wastewater treatment and resource recovery for India	DST	-	-	68,95,520.00	68,95,520.00	84,935.00	68,10,585.00	-	
161	Add on Radar for Jamming UAVs	MoD	-	-	15,63,840.00	15,63,840.00	2,93,000.00	12,70,840.00	-	
162	Design and development of compact and lightweight jet pumps for aviation application with enhanced efficiency	CTTC	-	-	8,74,960.00	8,74,960.00	8,23,593.50	51,366.50	-	
163	Spectrum of random band matrices	DST inspire	-	-	7,00,000.00	7,00,000.00	1,25,192.00	5,74,808.00	-	
164	Stochastic Material Degradation based Large Deformation Finite Element Analysis of FRP Composites in Hygrothermal Environment using Thickness Stretching Kinematic Model- Special Investigation of Tidal Turbine Blades	DST	-	-	9,21,170.00	9,21,170.00	1,02,130.00	8,19,040.00	-	
165	Developing a process for determining the polymer content in waste plastic modified bituminous mixes	NRIDA	-	-	2,00,000.00	2,00,000.00	93,688.00	1,06,312.00	-	

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance		(Amount in ₹)
			Credit	Debit				Credit	Debit	
166	Development of Formal Verification Tools for Proactive Assessment and Prevention of Security Threats in Enterprise Networks	DRDO	-	-	13,20,000.00	13,20,000.00	2,81,565.00	10,38,435.00		
167	National Post-Doctoral Fellowship to Dr. Haimabati Das	DST	-	-	10,65,600.00	10,65,600.00	3,24,329.00	7,41,271.00		
168	Efficient cache aided data delivery using deep reinforcement learning	DST	-	-	13,75,990.00	13,75,990.00	1,26,936.00	12,49,054.00		
169	Achieving reliable communications in the Internet of things: an erasure-correction coding approach	DST	-	-	20,57,970.00	20,57,970.00	1,26,880.00	19,31,090.00		
170	Synthesis of Homo, Di and Tri (ABA type) Block Co-polymers of Less Activated Monomers by Reversible Deactivation Radical Polymerization	DST	-	-	13,88,754.00	13,88,754.00	7,21,509.00	6,67,245.00		
171	Metal Complexes of Macrocylic/ Acyclic Ligands as T1 and ParaCEST-based Contrast Agent for MRI	DST	-	-	9,55,600.00	9,55,600.00	82,342.00	8,73,258.00		
172	Multiscale (QM/MM) modelling approach to understand the bacterial resistance towards beta-lactam based antibiotics	DST	-	-	6,51,900.00	6,51,900.00	1,57,596.00	4,94,304.00		
173	Photovoltaic assisted water harvesting from moisture using biometric surface	DST	-	-	23,38,843.00	23,38,843.00	2,26,330.00	21,12,513.00		
174	National Post-Doctoral Fellowship to Dr. Surjit Sahoo	DST	-	-	10,65,600.00	10,65,600.00	2,93,541.00	7,72,059.00		
175	Design Of Dynamic MAC and PHY SoC for Low Power and Long Range networks	MEITY	-	-	13,68,400.00	13,68,400.00	1,55,262.00	12,13,138.00		
176	Growth of semiconductor heterostructure nanolayers for solar cell application	SERB	-	-	7,93,000.00	7,93,000.00	1,98,477.00	5,94,523.00		
177	Controlling Heat Float at Nanoscale: A Versatile Approach to Generate Sustainable Energy From Waste Heat	SERB	-	-	10,69,000.00	10,69,000.00	68,000.00	10,01,000.00		
178	Middle Pleistocene to Holocene dynamics of Antarctic Circumpolar Current and its implications to global climate: Evidence from Southern Pacific	SERB	-	-	21,00,000.00	21,00,000.00	1,60,600.00	19,39,400.00		
179	C-H, C-O Activation and C1-Platform Chemicals: Synthetic and Mechanistic Studies on Two-metal Synergy	SERB	-	-	32,73,200.00	32,73,200.00	1,81,000.00	30,92,200.00		

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
									(Amount in ₹)
180	Fast Charging High Energy Density Lithium Ion Batteries with Nanoporous Silicon Anodes	SERB	-	-	41,00,000.00	41,00,000.00	2,14,000.00	38,86,000.00	
181	High-speed and energy efficient CMOS transceiver design for full-duplex chip-to-chip serial link	SERB-DST	-	-	17,60,660.00	17,60,660.00	1,36,220.00	16,24,440.00	
182	Topological Phases Based on Metall-Organic Framework	SERB-DST	-	-	70,79,500.00	70,79,500.00	2,95,000.00	67,84,500.00	
183	Contact Geometry Framework for Thermodynamics, Statistical Mechanics and Dissipative Dynamics?	SERB-DST	-	-	2,20,000.00	2,20,000.00	20,000.00	2,00,000.00	
184	Interaction of vortex beam with quantum emitters coupled to photonic nanowire	SERB-DST	-	-	12,90,000.00	12,90,000.00	1,51,290.00	11,38,710.00	
185	Computational alloy design and mechanical property study of complex concentrated alloys	NMRL	-	-	7,18,200.00	7,18,200.00	1,65,000.00	5,53,200.00	
186	"Ultrasonic assisted laser additive manufacturing of nickel based super alloys and its online temperature monitoring to control the directionality in grain growth, anisotropy in mechanical properties and elemental segregation; and enhancement of the component life by laser shock peening."	SERB-DST	-	-	13,99,535.00	13,99,535.00	1,09,000.00	12,90,535.00	
187	Employing metallurgical silicon to develop new class of silicon composites for structural applications	MoM	-	-	31,09,800.00	31,09,800.00	52,800.00	30,57,000.00	
188	Design and Implementation of Artificial Intelligence Powered Internet-of-things (IoT) Climate-Aware Health Monitoring and Disease Prediction System for Sustainable Health and Wellness Management	ICMR	-	-	22,02,632.00	22,02,632.00	38,232.00	21,64,400.00	
189	National Post Doctoral Fellowship (N-PDF), (Life Sciences) to Dr. Amit Kumar Mishra	SERB-DST	-	-	10,65,600.00	10,65,600.00	1,70,636.00	8,94,964.00	
190	Development of Specialty Fiber Modal Interferometer as a Thermometer for Harsh Environment	IGCAR	-	-	34,14,600.00	34,14,600.00	6,01,922.00	28,12,678.00	
191	An enquiry into the problems in Geometric Function Theory	SERB-DST	-	-	6,76,011.00	6,76,011.00	55,898.00	6,20,113.00	

# Indian Institute of Technology Bhubaneswar

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

Sl. No.	Name of the Project	Sponsor Name	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
			Credit	Debit				Credit	Debit
192	Identification, synthesis and validation of potential ATAD2 ligands as a therapeutic strategy for stomach cancer	ICMR	-	-	12,22,816.00	12,22,816.00	35,616.00	11,87,200.00	
193	Development of Internet of Things Enabled Phasor and Power Quality Monitoring Devices for Smart Power Grids	SERB-DST	-	-	9,16,000.00	9,16,000.00	88,920.00	8,27,080.00	
194	Indigenous development of controlled interferometry based high-temperature industrial flow measurement device	DST	-	-	52,19,251.00	52,19,251.00	3,86,611.00	48,32,640.00	
195	Bone health classification using machine learning	SERB-DST	-	-	19,79,750.00	19,79,750.00	1,00,674.00	18,79,076.00	
196	Development of PIEZOELECTRIC Ceramic-Polymer flexible composite based energy harvester for smart automobiles	CSIR	-	-	9,58,333.00	9,58,333.00	-	9,58,333.00	
197	Design and Development of Deep Learning based App for Early Warning of Blindness	SERB-DST	-	-	14,00,000.00	14,00,000.00	84,000.00	13,16,000.00	
198	Development of in-reflection fiber based interferometer for residual stress measurement	DST	-	-	10,19,920.00	10,19,920.00	50,000.00	9,69,920.00	
199	Design and Development of a Software Defined Radar for Road Safety Applications	OMVD, Govt. of Odisha	-	-	14,78,400.00	14,78,400.00	1,34,400.00	13,44,000.00	
200	Evaluation of Coal Tar Derived Hard/Soft Carbon Anodes for Power Li-ion Batteries	Tata Steel Ltd	-	-	4,36,968.75	4,36,968.75	66,656.25	3,70,312.50	
	<b>Total</b>		<b>19,65,44,059.07</b>	<b>9,94,854.04</b>	<b>10,48,83,999.75</b>	<b>30,05,92,911.82</b>	<b>11,29,90,626.95</b>	<b>18,93,11,622.87</b>	<b>18,69,045.04</b>

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 3A(2) : CONSULTANCY PROJECT

Sr. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
		3	4	5	6	7	8	9
1	2							
1	Proof Checking of POT cum PTFE Bearing	10,112.00			10,112.00		10,112.00	
2	Testing of Fibre shorcrete 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 shorcrete 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	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha	14,66,754.00			14,66,754.00	1,72,525.00	12,94,229.00	
8	Design and testing aerated autoclaved fly concrete blocks (AAC)	2,366.00			2,366.00		2,366.00	
9	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	
10	Vetting of Structural Analysis of design & drawing for the new Residential complex at HAL Koraput.	-	2.00		-		-	2.00
11	Proof Checking of design of pile foundations for location No. 16A and 24 of 220KV transmission line tower from Bidanasi (Cutback) in the Bank of Kathajodi to Nuapada (Cutback) in the Spill Zone.	22,718.00			22,718.00		22,718.00	
12	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	
13	Proof Checking of Design of River bed pile foundation for location no. 10,12 & 15 of 220KV transmission line from Bidanasi to Cutback Grid Substation.	33,091.00			33,091.00		33,091.00	
14	Technical and function test of Gagan enabled GPS PDAs	1,08,798.00			1,08,798.00		1,08,798.00	
15	Design of experimental road using fly ash	27,000.00			27,000.00		27,000.00	
16	Development of structural grade concretes utilizing Iron slag as sand replacements (Tata Steel, Jaipur, Odisha)	294.00			294.00		294.00	
17	Proof Checking of Structural Items of Rambhili Project	30.00			30.00		30.00	
18	Implementation of water quality monitoring and management system	(16,715.00)			(16,715.00)		(16,715.00)	
19	Design and developing a portable wireless noise level and vibration monitors	20,909.00			20,909.00		20,909.00	
20	Accretion control to increase the sponge iron production to the target annual capacity of 390000 Mt.	17,22,033.00			17,22,033.00	1,47,000.00	15,75,033.00	

(Amount in ₹)



# Indian Institute of Technology Bhubaneswar

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

Sr. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
21	Third party audit on the fly ash generation & utilization by TPPs in Odisha for the year 2015-16	6,786.00			6,786.00		6,786.00	
22	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha	41,950.00			41,950.00		41,950.00	
23	Mix Design of cement treated base/ sub-base for PMGSY road in Odisha	18,56,257.00			18,56,257.00	16,37,500.00	2,18,757.00	
24	Work on technical support of Cold-Mix technology	4,14,259.00			4,14,259.00	99,225.00	3,15,034.00	
25	Geotechnical investigations on soil/rock samples	1,40,000.00			1,40,000.00		1,40,000.00	
26	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	
27	Evaluation of Terrazyme (A bioenzyme) stabilized roads constructed under PMGSY	5,48,671.00			5,48,671.00		5,48,671.00	
28	Dyke height raising of Fly-Ash pond	58,588.00			58,588.00		58,588.00	
29	Distributed SDN controller with end to end security	7,43,996.00		10,51,380.00	17,95,376.00	13,55,693.00	4,39,683.00	
30	Design proof checking of five no of railway bridges of RITES Ltd in connection with construction of railway siding of NTPC Lara STTP	45,000.00			45,000.00		45,000.00	
31	Process control and optimization at Jindal Stainless Ltd, Jajpur, Odisha	20,38,138.00		11,04,480.00	31,42,618.00	24,53,680.00	6,88,938.00	
32	Technical scrutiny of structural designs for the grade separator structure at Khandagiri Chowk on NH-16, Bhubaneswar, Odisha	13,22,338.00			13,22,338.00	13,18,743.00	3,595.00	
33	Third party audit on fly ash generation and utilization of TPPs in Odisha for the year 2016-17	26,500.00			26,500.00		26,500.00	
34	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	
35	Proof Checking of the design and drawings of 4 Nos. of RCC box culvert and suggestion of suitable soil stabilization for culvert No.4, at Biju Patnaik International Airport, Bhubaneswar	30,000.00			30,000.00		30,000.00	
36	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	21,74,790.00		-	21,74,790.00	15,13,400.00	6,61,390.00	
37	Implementation of Advanced Machine Learning Algorithms for Cluster Expansion	12,81,560.00		18,40,800.00	31,22,360.00	18,10,417.00	13,11,943.00	
38	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 Agartala 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	-	

# Indian Institute of Technology Bhubaneswar

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

Sr. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
39	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	-	
40	Process related improvements at PPL	(34,299.04)	0	8,92,787.96	8,58,488.92	5,15,771.00	3,42,717.92	-
41	Safety Analysis of Steel Pipeline Crossing Railroad between Surat and Vadodara	35,000.00			35,000.00		35,000.00	
42	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		
43	Analysis of side slope failure and base failure and suggestion of corrective measures in connection with Angul - Sukinda New Railway Line Project	9,00,000.00			9,00,000.00	9,00,000.00		
44	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	
45	Development of FEM model for Design Improvement of multi layered Baffle	12,71,186.00			12,71,186.00	40,000.00	12,31,186.00	
46	Residual stress measurement by Deep-hole drilling technique	6,10,170.00			6,10,170.00	6,20,452.00	(10,282.00)	
47	Checking of bearing capacity of pile for LPG Bottling Plant IOCL	1,01,695.00			1,01,695.00		1,01,695.00	
48	Engineering operation philosophy for Long-term Mud Management	9,08,770.00			9,08,770.00		9,08,770.00	
49	Core sample analysis of composite clay lining of secured engineering landfill for disposal of hazardous waste	10,691.00			10,691.00		10,691.00	
50	Testing suitability of dredged sand for use in Road embankment & subgrade	20,250.00			20,250.00		20,250.00	
51	Product quality improvement program at Deem Roll Tech. Ltd.	40,000.00			40,000.00		40,000.00	
52	Design and development of Flow measurement Solution	14,01,565.00			14,01,565.00	12,19,362.00	1,82,203.00	
53	Coriolis flowmeter study	8,24,873.20			8,24,873.20	7,14,703.20	1,10,170.00	
54	Proof checking of design/drawings of bearings with reference to the grade separator structure at Khandagin Chowk (Km. 412) on NH-5 (New NH-16), Bhubaneswar	2,40,000.00			2,40,000.00	2,40,000.00		
55	Structural vetting of 17 bridges for M/s Adani Infra (India) Ltd. At Hansdiha Godda Section under Eastern Railway	16,00,000.00			16,00,000.00	16,00,000.00		
56	Stability study in tailings dams and scrutiny of dry stacking procedure of red mud	9,92,076.00		68,750.00	10,60,826.00	38,602.00	10,22,224.00	

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

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

Sr. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
57	Verification of basic and detailed engineering design of RWSS mega water project of Rairakhol	10,00,000.00	-	21,97,750.00	31,97,750.00	7,07,750.00	24,90,000.00	-
58	Stability analysis and method of improving the bearing capacity from KM 56.00 to KM 57.10 - Package 2A (Construction of road bed, station buildings, passenger amenities, minor bridges, general electrical works in connection with new BG rail line from Kendrapara (Inch) KM 42.040 to Dumuku KM 57.000 on Khurda road division of East Coast Railway in the State of Odisha, India	2,00,489.00	-	-	2,00,489.00	68,617.00	1,31,872.00	-
59	Design Verification of Boudh WSP	4,00,000.00	-	-	4,00,000.00	3,10,000.00	90,000.00	-
60	Structural vetting of bridges and retaining walls of 2x25MW Maithan Right Bank Thermal Power Project for M/s L&T Ltd	10,00,000.00	-	14,75,000.00	24,75,000.00	4,75,000.00	20,00,000.00	-
61	Technical support for rehabilitation of defunct NH-5, Balugaon from 0/0 Km to 8/0 Km	2,50,000.00	-	-	2,50,000.00	-	2,50,000.00	-
62	Verification of Hydraulic & structural design and drawings of RWSS Mega Water Project of Puri District	10,00,000.00	-	14,75,000.00	24,75,000.00	4,75,000.00	20,00,000.00	-
63	Vetting of Traffic Density Study for Environmental Clearance for Multiplex Building at Bhubaneswar	60,000.00	-	-	60,000.00	60,000.00	-	-
64	Mix Design for NTPC-BHEL Project at BARH	1,00,000.00	-	-	1,00,000.00	1,00,000.00	-	-
65	Checking of the stability of foundation and superstructure of pipe conveyor for MCL	33,750.00	-	-	33,750.00	-	33,750.00	-
66	Design of Cell filled concrete pavements for rural roads carrying heavy traffic	2,48,678.00	-	-	2,48,678.00	29,493.00	2,19,185.00	-
67	Proof check and scrutiny of design and drawings of 1 major bridge substructure and foundation in connection to NTPC-LARA Project	48,750.00	-	-	48,750.00	-	48,750.00	-
68	Study of ground water table and surface water discharge at Tata Steel Kalinganagar	10,00,000.00	-	-	10,00,000.00	-	10,00,000.00	-
69	Proof checking of design and drawing of road under bridge (RUB) at MCL Talcher (span 2x6.0x6.0m RCC PRECAST SEGMENTAL BOX)	1,36,800.00	-	-	1,36,800.00	1,36,800.00	-	-
70	Vetting of construction of civil works for installation of ILS at VSS airport Jharsuguda	68,000.00	-	-	68,000.00	68,000.00	-	-
71	Testing of samples for integrated Infrastructure Complex at Dhamnagar, Bhadrak	67,500.00	-	-	67,500.00	67,500.00	-	-
72	Design and development of gaseous oxygen heat exchanger for semi-crogonic stage.	1,30,378.00	-	1,00,000.00	2,30,378.00	34,811.00	1,95,567.00	-
73	Database for Principal Technical Agency & State Technical Agency for states of Jharkhand and Odisha	-	-	48,72,803.00	48,72,803.00	23,08,946.00	25,63,857.00	-

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

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

Sr. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
74	Vetting of 3.0m height retaining wall sheet at VSS airport, Jharsuguda	-	-	1,00,300.00	1,00,300.00	1,00,300.00	-	-
75	Proof checking of design and drawing of one of the revised substructure (Pier-P1) of Br. 172 in connection with Angul-Sukinda New B.G Rail link Project	-	-	1,53,400.00	1,53,400.00	1,53,400.00	-	-
76	Proof checking of the design and drawing of ROB's for KMC-RKD	-	-	5,42,062.00	5,42,062.00	1,74,562.00	3,67,500.00	-
77	Technological interventions to reduce human animal conflict	-	-	50,00,000.00	50,00,000.00	5,45,000.00	44,55,000.00	-
78	Structural vetting of residential towers as per the BDA, Odisha	-	-	5,00,000.00	5,00,000.00	4,57,627.00	42,373.00	-
79	Structural vetting of proposed bridges for PIR projects and consultancy (P) Ltd	-	-	3,54,000.00	3,54,000.00	2,12,810.00	1,41,190.00	-
80	Mathematical modelling for parameter estimation and vibration analysis	-	-	8,30,425.00	8,30,425.00	8,30,425.00	-	-
81	Soil core lab testing	-	-	2,86,740.00	2,86,740.00	1,98,891.00	87,849.00	-
82	Anomaly Detection in Videos	-	-	24,60,448.06	24,60,448.06	24,60,448.06	-	-
83	Preparation of catchment area treatment plan for the Dubuna Sakradihi iron and manganese ore mines of OMC Ltd.	-	-	22,12,500.00	22,12,500.00	21,84,375.00	28,125.00	-
84	Proof checking of detailed design and drawing for construction of New Greenfield Airport at Rajkot, Gujarat	-	-	23,60,000.00	23,60,000.00	7,60,000.00	16,00,000.00	-
85	Proof checking of design and drawing of substructure for Bridge No. 180(ROB)	-	-	2,13,875.00	2,13,875.00	2,13,875.00	-	-
86	Carrying out concrete mix design for AIMS Bhubaneswar second phase of construction	-	-	1,00,001.00	1,00,001.00	1,00,001.00	-	-
87	Proof check and scrutiny of design and drawings of bridge substructure and foundation (Br.3 and Br.79) in connection with NTPC-LARA project	-	-	11,57,875.00	11,57,875.00	11,43,156.00	14,719.00	-
88	Carrying out concrete mix designs for new greenfield airport at Hirasaar, Rajkot (Gujarat)	-	-	12,03,600.00	12,03,600.00	4,21,485.00	7,82,115.00	-
89	Testing of TMT Bars as per IS:1786:2008	-	-	1,78,416.00	1,78,416.00	1,78,416.00	-	-
90	Residual Stress Measurement on Rotor Surface at various Locations (Base Metal & Weld) & Modelling of Rotor Weldment-For AUSC Projects	-	-	9,20,400.00	9,20,400.00	3,23,400.00	5,97,000.00	-
91	Proof checking of design and drawing of substructure and foundation of 5 major bridge at Brairajnagar, Jharsuguda	-	-	17,84,750.00	17,84,750.00	6,55,217.00	11,29,533.00	-
92	Carrying out the third party quality assurance consultancy (TPQAC) for the construction and development of Kendriya Vidyalaya Schoolat Jagatsinghpur, Odisha	-	-	7,56,000.00	7,56,000.00	2,43,675.00	5,12,325.00	-

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

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

Sr. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
93	Evaluation of PPC, PSC and Composite cements of Dalmia Cements	-	-	2,10,158.00	2,10,158.00	73,158.00	1,37,000.00	
94	Study the cause of defect on the wing walls of Br. 5 over Angul-Balaram Section of MCRL corridor and suggestion on remedial measures for the structure	-	-	4,13,000.00	4,13,000.00	1,33,000.00	2,80,000.00	
95	Vetting of Traffic Density Study for Environmental Clearance for Housing project at Pahala, Bhubaneswar	-	-	82,600.00	82,600.00	82,600.00	-	
96	"Carrying out vetting of projects developed by Utkal developers Bhubaneswar	-	-	2,77,529.00	2,77,529.00	89,374.00	1,88,155.00	
97	Design and drawing of building of SSRM and HRO, RMS 'N' Division, Cuttack, Odisha	-	-	5,00,000.00	5,00,000.00	1,61,017.00	3,38,983.00	
98	Vetting of traffic density study traffic density study for environmental clearance for TATA-Bhusan township at Angul	-	-	1,77,000.00	1,77,000.00	57,000.00	1,20,000.00	
99	Assessment study for issue of "no increase in pollution load" certificate to Paradip Refinery cum Petrochemical complex for processing crude oil above name plate capacity of 15 MMTPA = 10% max	-	-	2,83,200.00	2,83,200.00	98,585.00	1,84,615.00	
100	Product development and technical support for cold mix Asphalt Application in Eastern India	-	-	8,85,118.00	8,85,118.00	3,08,118.00	5,77,000.00	
101	Development of static model for Tata steel BOF	-	-	15,93,000.00	15,93,000.00	5,54,550.00	10,38,450.00	
102	Design and formulation of coating using molecular modelling and simulation	-	-	12,50,000.00	12,50,000.00	4,00,438.00	8,49,562.00	
103	Impact Assessment of WHO's framework convention on Tobacco control (FCTC) in India-A call to action report 2021	-	-	6,32,008.00	6,32,008.00	2,51,829.00	3,80,179.00	
104	Regional and Sub-regional Analyses of Macroeconomic Policy Strategies for Growth and Equality in Southern Africa	-	-	7,28,880.00	7,28,880.00	7,28,880.00	-	
105	Proof checking of Design and drawing of substructure for bridge in connection with Angul-Sukinda new BG Rail link Project	-	-	9,88,250.00	9,88,250.00	3,18,250.00	6,70,000.00	
106	Vetting of Design of Wastewater Treatment plant equipment units for STPs, ETPs, and SRTs	-	-	1,24,254.00	1,24,254.00	1,24,254.00	-	
107	Vetting of design note on slope stability	-	-	1,01,244.00	1,01,244.00	32,604.00	68,640.00	
108	Suggesting measures for road failure at a hill section of NH-57	-	-	3,54,354.00	3,54,354.00	3,31,831.00	22,523.00	
109	Surface Run-Off Management studies at Daitari Iron Ore Mine, South Kaliajapani Chromite Mine and Sukrangi Chromite Mines, M/s OMC Ltd	-	-	12,53,750.00	12,53,750.00	4,03,750.00	8,50,000.00	
110	Proof checking of design and drawing of six Nos of minor bridges (Non-RDSO standard RCC Box) at Brajrajnagar, Jharsuguda	-	-	7,18,325.00	7,18,325.00	7,06,150.00	12,175.00	

(Amount in ₹)

# Indian Institute of Technology Bhubaneswar

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

Sr. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the Year	Closing Balance	
		Credit	Debit				Credit	Debit
								(Amount in ₹)
111	Stability test of ash dikes	-	-	6,49,000.00	6,49,000.00	2,09,000.00	4,40,000.00	
112	Testing of spray concrete panels with PP fibers	-	-	3,58,956.00	3,58,956.00	1,24,956.00	2,34,000.00	
113	Carrying out vetting of projects developed by Utkal Developers Bhubaneswar for Patrapada.	-	-	2,77,529.00	2,77,529.00	89,374.00	1,88,155.00	
114	Proof check and scrutiny of designs and drawings of substructure for 3 nos of major bridges in connection with NTPC-LARA project	-	-	11,34,275.00	11,34,275.00	3,65,275.00	7,69,000.00	
115	Carrying out Mix-designs of concrete for the Widening & Strengthening of Sankara Bypass Road	-	-	1,84,080.00	1,84,080.00	64,080.00	1,20,000.00	
116	Proof check of Major Bridge No. 8b of PEQCTPL siding at Paradeep	-	-	2,43,375.00	2,43,375.00	78,375.00	1,65,000.00	
117	Rehabilitation and Up-gradation of Road from Km 0.000 to Km 16.290 (Length- 16.290 km) of Manu-Lalcherra section of NH 44A to two lane with Paved shoulder in the state of Tripura on EPC basis (pkg-1)- safety consultant service reg.	-	-	2,65,500.00	2,65,500.00	85,500.00	1,80,000.00	
118	Vetting of soil investigation report for the work: Soil Investigation For Provision of Deficient Integrated Security Watch Towers Under GE (P) Ezhimala at INA Ezhimala	-	-	59,000.00	59,000.00	19,000.00	40,000.00	
119	Design of CGBM using Provenance 907, a ready mix grout	-	-	2,36,000.00	2,36,000.00	88,000.00	1,48,000.00	
120	Dike & Stability study of red mud storage pond-A.	-	-	9,55,800.00	9,55,800.00	3,07,800.00	6,48,000.00	
121	Environmental Audit of secured landfill in smelter plant NALCO at Angul	-	-	1,72,575.00	1,72,575.00	60,075.00	1,12,500.00	
122	Consultancy for corrective action for cracks developed during launching of pre-cast rcc box segment (span 2 x 6.0 x 6.0 m).	-	-	1,99,125.00	1,99,125.00	64,125.00	1,35,000.00	
123	Structural Scrutiny of Railway Buildings.	-	-	1,47,500.00	1,47,500.00	47,500.00	1,00,000.00	
124	Proof checking of the structural design & drawing of PEB Hangar at Biju Patnaik International Airport, Bhubaneswar	-	-	5,60,500.00	5,60,500.00	1,80,500.00	3,80,000.00	
125	Vetting of box culvert design of Jeypore airport under RCS-UDAN (Long Term)	-	-	2,21,250.00	2,21,250.00	71,250.00	1,50,000.00	
126	Measurement of factor of safety for tailings dams of RMP & ash pond at Vedanta Limited	-	-	6,13,600.00	6,13,600.00	1,97,600.00	4,16,000.00	
127	Vetting of GTI rock fall protection netting specifications "D-WR	-	-	1,29,800.00	1,29,800.00	41,800.00	88,000.00	
128	Development of Hydrophobic Concrete for Seabird Project	-	-	5,36,900.00	5,36,900.00	1,86,900.00	3,50,000.00	
129	Environmental Audit of CHWTSDF	-	-	5,06,220.00	5,06,220.00	1,63,020.00	3,43,200.00	
130	Soil core lab testing	-	-	1,41,458.00	1,41,458.00	45,554.00	95,904.00	
131	Testing of TMT Rebar.	-	-	4,77,900.00	4,77,900.00	1,77,900.00	3,00,000.00	
	<b>Total</b>	<b>2,98,52,303.16</b>	<b>2.00</b>	<b>5,48,36,556.02</b>	<b>8,46,88,859.18</b>	<b>4,07,69,025.26</b>	<b>4,39,19,833.92</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	10
1	Unnat Bharat Abhiyan Cells	UBA	15,93,860.00	-	-	15,93,860.00	7,590.00	15,86,270.00	-
2	Microwave Photocatalytic Treatment For Soft Drink Beverage Industry Wastewater	-	-	89,732.00	89,732.00	-	-	-	-
3	Engineering of Droplet Manipulation in Tertiary Junction Microfluidic Channels	-	-	4,52,852.45	4,52,852.45	-	-	-	-
4	Comparison of control techniques for residential PV system with module based maximum power point tracking	-	-	9,99,419.00	9,99,419.00	-	-	-	-
5	Design and development of multipath ultrasonic flowmeter with beam steering transducer	-	-	9,98,622.21	9,98,622.21	-	-	-	-
6	Soil Moisture Estimation for Drought Studies and Infiltration Modelling	-	-	6,35,946.00	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	-	-	-	-
8	Design and Impementation of a Wireless Sensor Network Testbed	-	-	9,26,912.00	10,00,000.00	73,088.00	-	73,088.00	-
9	Domain Decomposition Methods for Non-linear Problems	-	-	2,29,196.00	9,90,000.00	7,60,804.00	7,19,598.00	41,206.00	-
10	Significance of monitoring molten pool thermal history and its influence on evolution of microstructure and mechanical properties in case of Titanium based ceramic metal matrix composite coatings deposited on nickel based super alloys using laser cladding process	-	-	3,09,835.00	10,00,000.00	6,90,165.00	6,00,241.00	89,924.00	-
11	Modelling the Mechanical Behavior Mopro and Nanoporous Metals	-	-	1,87,780.00	10,00,000.00	8,12,220.00	8,04,870.00	7,350.00	-
12	Development of vibration assisted machining setup to address surface integrity issues on hard turned parts	-	-	73,401.00	10,00,000.00	9,26,599.00	3,89,576.00	5,37,023.00	-
13	Design, development and analysis of integrated dual-output converter (IDOC) Technology for Renewable Integration	-	-	3,26,850.00	10,00,000.00	6,73,150.00	4,36,877.00	2,36,273.00	-

# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 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
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	10,00,000.00	9,51,821.00	28,445.00	9,23,376.00	-
15	Runtime Monitoring of (Timed) Properties	-	-	3,147.00	9,70,000.00	9,66,853.00	3,68,998.00	5,97,855.00	-
16	Finite Element based integrated analysis tool for Carbon Nano-tube (CNT) reinforced composites using refined kinematic model	-	-	63,195.00	9,90,000.00	9,26,805.00	6,41,683.00	2,85,122.00	-
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 microstrip couplers using distributed realization of lumped elements	-	-	3,70,221.00	10,00,000.00	6,29,779.00	-	6,29,779.00	-
20	Influence of Grain size and grain size distribution on the creep behaviour of Mg	-	-	-	10,00,000.00	10,00,000.00	9,79,950.00	20,050.00	-
21	A study on fly ash-geosynthetics interaction characteristics pertinent to bridge abutment	-	-	-	10,00,000.00	10,00,000.00	92,000.00	9,08,000.00	-
22	TAML: Timing Analysis with Machine Learning	-	-	-	10,00,000.00	10,00,000.00	-	10,00,000.00	-
23	Smart grid data analytics and algorithms for advanced management of T&D systems in the context of large scale renewable integration and demand side management	-	-	-	10,00,000.00	10,00,000.00	-	10,00,000.00	-
24	Development of non-toxic, cost-effective and stable mid-temperature (>300°C) thermoelectric materials (both p & n-type) with enhanced thermoelectric figure-of-merit (SiGe alloys and Hf-free Half-Heusler Alloys).	-	-	-	10,00,000.00	10,00,000.00	-	10,00,000.00	-
25	Angel and Auto-commutator word map	-	-	-	5,70,000.00	5,70,000.00	4,305.00	5,65,695.00	-
26	Multi-physics analysis of cracked photovoltaic solar cells	-	-	-	10,00,000.00	10,00,000.00	3,26,227.00	6,73,773.00	-



# Indian Institute of Technology Bhubaneswar

## SCHEDULE - 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
27	Effect of texture and grains size on mechanical and corrosion properties of Mg and its alloys	-	-	-	10,00,000.00	21,119.00	9,78,881.00	-	
28	Investigation the role of aseismic slip in the generation of fluid-induced earthquakes - A combined modelling, observational and data-assimilation based study	-	-	9,30,000.00	9,30,000.00	8,26,987.00	1,03,013.00	-	
29	Development of novel two-layered previous concrete for pavement applications	-	-	9,25,000.00	9,25,000.00	3,49,351.00	5,75,649.00	-	
30	Application of textured tools under cryogenic cooling environment for the machining of difficult to machine material	-	-	10,00,000.00	10,00,000.00	73,624.00	9,26,376.00	-	
31	Development of Multiscale modelling methods to predict quantum properties of 2D material heterostructures	-	-	10,00,000.00	10,00,000.00	-	10,00,000.00	-	
32	CHL black holes and rademacher expansion	-	-	10,00,000.00	10,00,000.00	-	10,00,000.00	-	
33	Phase field modelling of precipitate coarsening in superalloys: Effect of composition dependent mobility	-	-	9,99,200.00	9,99,200.00	-	9,99,200.00	-	
34	Optimization of Service Completion Time for Distributed Gradient Descent Algorithm in the Presence of Straggler Nodes	-	-	2,98,394.34	2,98,394.34	2,790.00	2,95,604.34	-	
	<b>Total</b>		<b>15,93,860.00</b>	<b>64,05,726.66</b>	<b>2,75,39,605.00</b>	<b>2,27,27,738.34</b>	<b>1,60,53,507.34</b>	<b>-</b>	

# Indian Institute of Technology Bhubaneswar

## IIT Bhubaneswar Hostel

### INCOME & EXPENDITURE ACCOUNT for the Year Ended 31st March 2021

(Amount in ₹)

Income	Current Year 2020-21	Previous Year 2019-20
Bank Interest	7,77,456.77	14,20,944.46
Student Semester Registration Fees	5,01,14,483.00	8,83,72,734.00
Boarding charges	4,32,208.00	8,21,525.00
Fine to Student & Contractor	-	8,16,300.00
License fees recovery	1,57,050.00	8,90,900.00
Tender Fee		10,000.00
Other Income		3,600.00
<b>Total</b>	<b>5,14,81,197.77</b>	<b>9,23,36,003.46</b>

Expenditure	Current Year 2020-21	Previous Year 2019-20
Hostel Office Staff Salary	72,44,016.00	64,21,750.00
Housekeeping charges	1,07,25,764.00	1,11,97,370.00
Hostel Day celebration Exp	-	40,000.00
Mess Expenses	1,36,62,183.00	6,24,64,734.00
Repair & Maintenance	4,64,770.00	7,34,831.00
Student Welfare	26,286.00	2,40,690.00
News Paper & Periodicals	3,831.00	56,041.00
Office Contingency	4,09,872.00	13,36,144.00
AMC Charges	2,51,332.00	1,30,570.00
Pest control service	94,400.00	2,43,080.00
Audit Fees	17,700.00	-
Printing & Stationary	-	79,414.00
Bank charges	9,606.25	387.20
Security Service exp		4,61,471.00
POS Rent		15,324.80
<b>Total</b>	<b>3,29,09,760.25</b>	<b>8,34,21,807.00</b>





**INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**

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