लेखा विवरण

(दोहरी लेखा प्रणाली के आधार पर)

STATEMENT OF ACCOUNTS

(BASED ON DOUBLE ENTRY SYSTEM)

Indian Institute of Technology Mandi

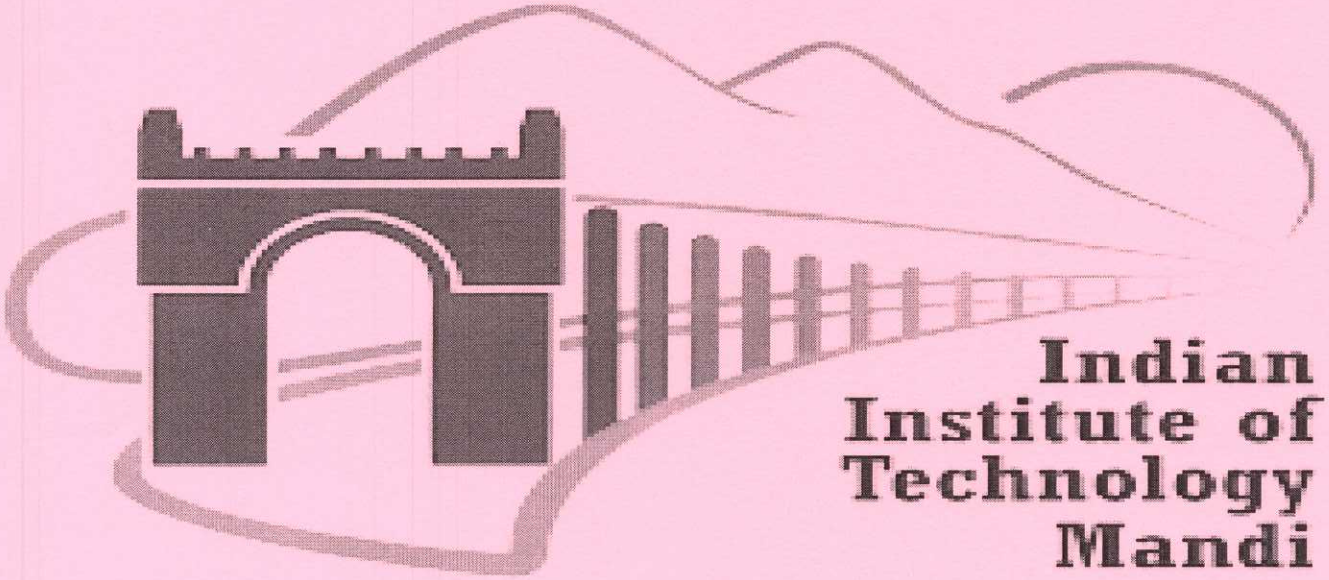
भारतीय प्रौद्योगिकी संस्थान मण्डी,

INDIAN INSTITUTE OF TECHNOLOGY MANDI

कमांद, मंडी-175005 (हि.प्र.)/Kamand, Mandi - 175005 (H.P.)

2018-19

STATEMENTS OF ACCOUNTS

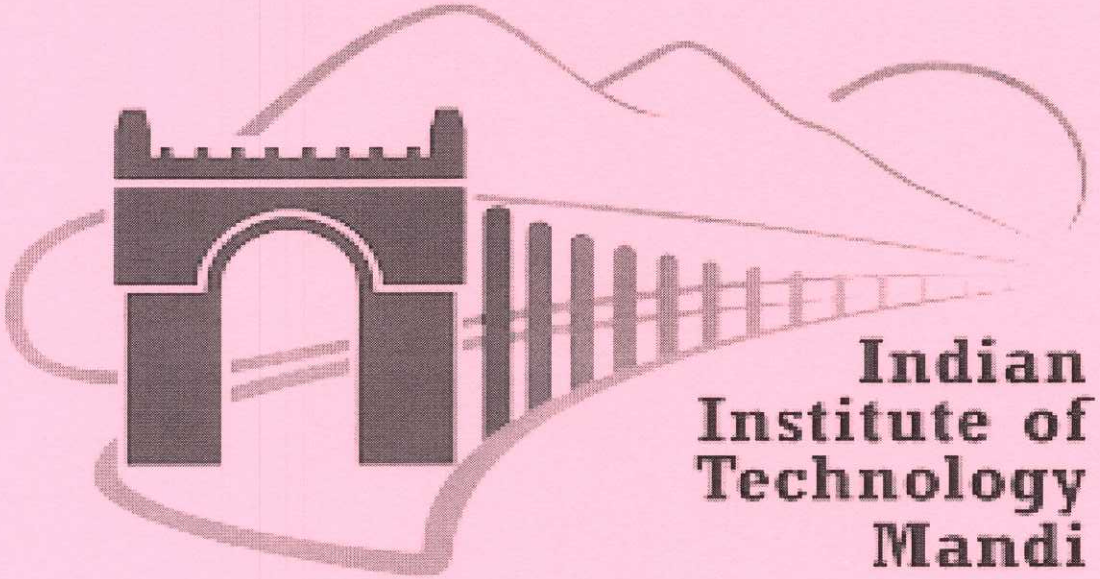


Indian
Institute of
Technology
Mandi

FINANCIAL YEAR 2018-19

STATEMENT SHOWING CHORONOLOGICAL EVENTS IN FINALIZATION OF ANNUAL AUDITED ACCOUNTS REPORT FOR THE FINANCIAL YEAR 2018-19 IN RESPECT OF IIT MANDI

Sr. No.	Particulars	Date
1.	Date of Finalization of Annual Accounts by the Institute	27-04-2019
2.	Date of Approval of Annual Accounts by the Chairman of BOGs	15-06-2019
3.	Date of Submission of Annual Accounts to C&AG of India	18-06-2019
4.	Date of Commencement of Inspection of Accounts by C&AG of India	01-07-2019
5.	Date of Completion of Inspection of Accounts C&AG of India	12-07-2019
6.	Date of Receipt of Draft SAR from C&AG of India	22-08-2019
7.	Date of reply of draft SAR by the institute	16-09-2019
8.	Date of approval of Account/dispatch of final SAR by C&AG of India	15-11-2019
9.	Date of Approval SAR/Audit report by the BOGs of the Institute	13-12-2019
10.	Date of Hindi Translation	17-11-2019
11.	Date of Printing Audited Accounts (English and Hindi)	14-12-2019
12.	Date of Dispatch of Audited Accounts to MHRD, GOI.(English and Hindi)	17-12-2019



Indian
Institute of
Technology
Mandi

BALANCE SHEET
AS AT
31ST March, 2019

INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND, MANDI H.P. - 175005
BALANCE SHEET AS AT 31ST MARCH,2019

Amount (₹)

		SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
A	**SOURCES OF FUNDS**			
	CAPITAL FUND	I	8,19,63,75,749	8,40,81,04,351
	DESIGNATED / EARMARKED/ ENDOWMENT FUNDS	II	40,26,77,205	29,35,31,403
	LOAN FROM HEFA		30,01,39,726	-
	CURRENT LIABILITIES & PROVISIONS	III	55,42,41,489	34,54,94,085
	TOTAL		**9,45,34,34,169**	**9,04,71,29,839**
B	**APPLICATION OF FUNDS**			
	FIXED ASSETS	IV		
	Tangible Assets		7,36,11,97,253	5,56,55,85,429
	Intangible Assets		6,77,02,175	9,56,56,789
	INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS	V		
	Long Term		24,49,06,441	18,81,44,280
	Short Term		21,87,66,544	17,96,24,614
	CURRENT ASSETS	VI	49,48,86,727	1,28,11,60,613
	LOANS, ADVANCES & DEPOSITS	VII	1,06,17,75,029	1,73,21,58,114
	MISC EXPENDITURE NOT W/OFF		42,00,000	48,00,000
	TOTAL		**9,45,34,34,169**	**9,04,71,29,839**
	SIGNIFICANT ACCOUNTING POLICIES CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	XX		

(S.K.SONI)
F.C.A / DISA [ICAI]
INTERNAL AUDITOR

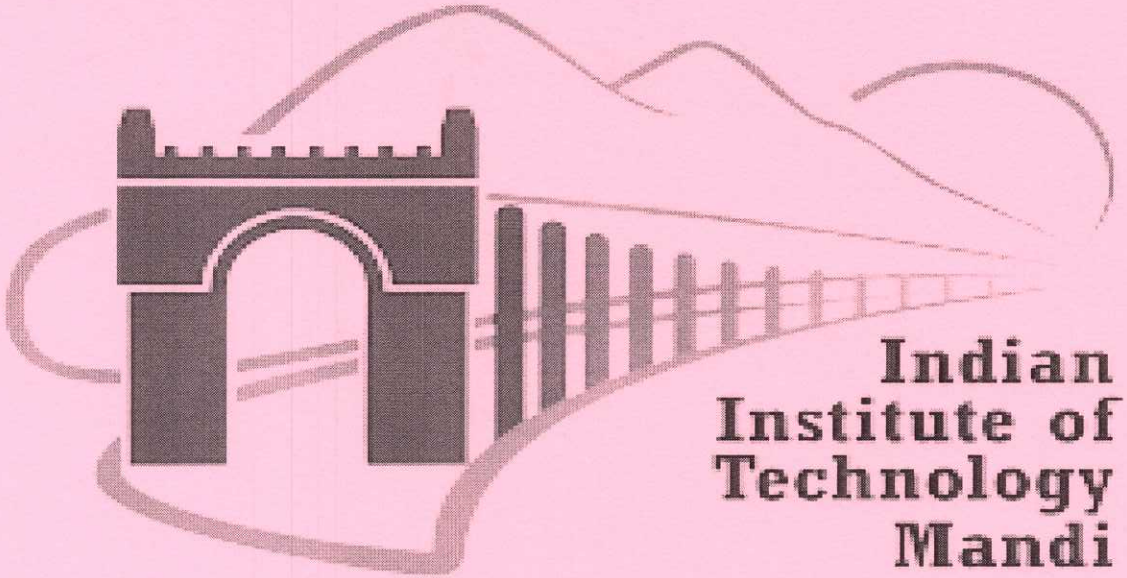
(Prof. SUBRATA GHOSH)
Dean (F&A)

(C.L. SHARMA)
A.R. (Audit & Accounts)

(Prof. T.A. GONSALVES)
Director

(J.R. SHARMA)
Finance & Accounts Officer

CHAIRMAN
Board of Governors



INCOME AND EXPENDITURE ACCOUNTS

FOR

THE FINANCIAL YEAR, 2018-19

INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND, MANDI H.P. - 175005
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31.03.2019

Amount (₹)

PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
INCOME			
Academic Receipts	VIII	1,02,71,868	60,39,952
Grants & Donations	IX	52,49,00,000	44,59,25,000
Income from investments Including Interest	X	3,55,60,475	3,24,84,158
Other Incomes	XI	2,67,80,602	1,73,86,511
TOTAL		**59,75,12,945**	**50,18,35,621**
EXPENDITURE			
Staff Payments & Benefits (Establishment Expenses)	XII	36,78,39,943	36,40,25,638
Academic Expenses	XIII	15,93,53,780	11,62,57,308
Administrative and General Expenses	XIV	7,28,08,728	5,67,14,245
Transportation Expenses	XV	1,60,58,356	1,49,13,054
Repairs & maintenance	XVI	1,72,44,200	1,74,66,586
Finance costs	XVII	11,85,683	1,65,964
Depreciation	IV	29,17,68,705	27,22,90,636
Other Expenses	XVIII	-	
Prior Period Expenses	XIX	-	
Misc Expenditure Written Off		6,00,000	6,00,000
TOTAL		**92,68,59,395.00**	**84,24,33,431**
Excess of Expindeture over income		(32,93,46,450)	(34,05,97,810)
Transfer to CAPITAL Fund		(31,06,12,997)	(32,26,70,554)
Transfer to SRIC fund		(1,87,33,453)	(1,79,27,256)

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Director

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Finance & Accounts Officer

CHAIRMAN
Board of Governors

SCHEDULES FORMING PART OF BALANCE SHEET

SCHEDULE - I CAPITAL FUND

Amount (₹)

	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
	Balance at the beginning of the year	8,40,81,04,351	5,56,68,50,253
Add:	Contributions towards Corpus/ Capital Fund		
Add:	Grants from UGC, Government of India and State Government to extent utilized for capital expenditure	10,30,00,000	3,18,41,25,000
Add	Excess amount shown in the account now transferred to capital Fund		
Add	Amount of tution fee Received		
Add:	Excess of Income over expenditure trasferred from the Income & Expenditure Account	(31,06,12,997)	(32,26,70,554)
Less :	Amount trasnfered to Corpus Fund		
	Amount trasnfered to Donation Fund		
	Amount trasnfered to SRIC Fund:- During the Year	(41,15,605)	(2,02,00,349)
	Amount trasnfered to SRIC Fund:- Previous Year		
	Amount Transferred to IIT Catalist		
	TOTAL	**8,19,63,75,749**	**8,40,81,04,351**

SCHEDULE II- DESIGNATED / EARMERKED/ ENDOWMENT FUNDS

Amount (₹)

	FUND WISE BREAK UP						
	CORPUS FUND	SRIC FUND	DONATION FUND	Sh. G.R. Bala Sundram	Rani Gonsalves Memorial	CURRENT YEAR	PREVIOUS YEAR
A.							
1 Opening balance of the funds	**18,82,92,511**	**10,38,47,493**	**10,34,615**	**1,39,834**	**2,16,950**	**29,35,31,403**	**17,65,41,082**
2 Additions during the year	6,54,61,165	41,15,605	8,01,700			7,03,78,470	2,09,79,394
3 Income from investments made of the funds	1,75,68,429	66,38,104	28,613	7,665	12,600	2,42,55,411	4,69,60,795
4 Accrued interest on investmentsof the funds	18,42,006		16,512	6,073	9,050	18,73,641	1,18,94,318
5 Interest on Savings Bank a/c	3,32,386		15,078			3,47,464	70,09,800
Grant From UGC, Govt Of India, State Govt to extend utilised for capital exp		2,37,781				2,37,781	
6 Assets purchased out of Sponsored Project ,Where the ownershi west with IIT	-	3,16,79,988		-	-	3,16,79,988	4,80,73,270
7 Donation Received							
TOTAL (A)	**27,34,96,497**	**14,65,18,971**	**18,96,518**	**1,53,572**	**2,38,600**	**42,23,04,158**	**31,14,58,659**
B.							
Utilisation /Expenditure towards objectives of Funds							
i. Capital Expenditure							
ii. Revenue Expenditure			8,93,500			8,93,500	
Less : Deficit transferred from the Income & expenditure Account		(1,87,33,453)				(1,87,33,453)	(1,79,27,256)
Less : Excess amount shown in the account now transferred to capital Fund	-					-	
Total (B)	**-**	**(1,87,33,453)**	**8,93,500**	**-**		**1,96,26,953**	**(1,79,27,256)**
Closing balance at the year end (A-B)	**27,34,96,497**	**12,77,85,518**	**10,03,018**	**1,53,572**	**2,38,600**	**40,26,77,205**	**29,35,31,403**
Represented by:-							
Cash and Bank Balance	11,55,089	12,77,85,518	4,86,506			12,94,27,113	18,04,74,690
Investments	24,39,97,757		5,16,512	1,47,499	2,29,550	24,48,91,318	11,30,53,272
Interest accrued but not due				6,073	9,050	15,123	3,441
Amount Recoverable from IIT	2,83,43,651					2,83,43,651	
						-	
Total(A+B)	**27,34,96,497**	**12,77,85,518**	**10,03,018**	**1,53,572**	**2,38,600**	**40,26,77,205**	**29,35,31,403**

SCHEDULE III - CURRENT LIABILITIES & PROVISIONS

Amount (₹)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A.CURRENT LIABILITIES		
1 Deposits from staff		
2 Deposits from students	54,58,889	43,24,000
3 Sundry Creditors		
a) For Goods & Services	8,51,89,540	6,88,47,157
b) Others	14,67,91,150	74,62,845
4 Deposit- Others (including EMD, Security Deposit)	2,76,11,281	3,38,00,858
5 Statutory Liabilities (GPF,TDS,GST, NPS, Labour Cess) : Others	1,14,20,004	81,55,734
6 Other Current Liabilities		
a) Salaries	1,67,29,861	1,28,48,250
c) Other liabilities(SRIC)	1,31,87,966	1,01,86,194
d) Fees Received in advance	23,58,360	56,35,183
e) Unutilised Grant in Aid (SRIC)	16,24,02,496	13,15,20,968
TOTAL (A)	**47,11,49,547**	**28,27,81,189**
B. PROVISIONS		
1 For Expenses	1,65,00,754	1,63,32,397
2 Gratuity	3,00,42,617	1,70,67,671
4 Accumulated Leave Encashment	3,65,48,571	2,93,12,828
5 Trade Warranties / Claims		
6 Others (specify)		
TOTAL (B)	**8,30,91,942**	**6,27,12,896**
TOTAL (A+B)	**55,42,41,489**	**34,54,94,085**

SCHEDULE IV - Fixed Assets

PART A

Amount (₹)

SR. NO.	PARTICULARS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		OPENING BALANCE	ADDITIONS	DEDUCTIONS	CLOSING BALANCE	OPENING BALANCE	FOR THE YEAR	DEDUCTION/ ADJUSTEMENTS	TOTAL	CURRENT YEAR	PREVIOUS YEAR
A	**TANGIBLE ASSETS**										
1	Land	1	-		1	-	-		-	1	1
2	Site Development	26,39,744	1,18,14,547		1,44,54,291					1,44,54,291	26,39,744
3	Buildings	1,73,20,77,229	35,03,86,148		2,08,24,63,377	20,53,03,335	5,21,60,853		25,74,64,188	1,82,49,99,189	1,52,67,73,894
4	Roads & Bridges	39,89,041			39,89,041	4,71,385	79,781		5,51,166	34,37,875	35,17,656
5	Tubewells & Water Supply	32,31,255	14,59,692		46,90,917	14,73,719	93,823		15,67,542	31,23,375	17,57,536
6	Sewerage & Drainage	49,46,686	-		49,46,686	4,01,519	98,935		5,00,454	44,46,232	45,45,167
7	Electrical Installation and	2,20,83,378	1,23,18,543		3,44,01,921	72,41,004	17,79,467		90,20,471	2,53,81,450	1,48,42,374
8	Solar Light and Fittings	9,53,278			9,53,278	6,01,586	42,954		6,44,540	3,08,738	3,51,692
9	Virtual Class room	55,57,841			55,57,841	34,78,305	4,16,837		38,95,142	16,62,699	20,79,536
	Machinery	40,89,30,880	1,33,19,599		42,22,50,479	17,04,19,799	2,11,02,340		19,15,22,139	23,07,28,340	23,85,11,081
10	Scientific & Laboratory	64,01,08,665	40,15,76,684		1,04,16,85,349	20,85,49,767	8,74,29,212		29,59,78,979	74,57,06,370	43,15,58,898
11	Office Equipment	1,69,66,471	4,69,169		1,74,35,640	83,20,233	13,07,013		96,27,246	78,08,394	86,46,238
12	Audio Visual Equipment	47,51,038	22,31,480		69,82,518	11,27,208	5,25,479		16,52,687	53,29,831	36,23,830
13	Computers & Peripherals	8,14,85,314	2,25,73,145	1,24,620	10,39,33,839	6,37,23,192	1,32,80,883	91,330	7,69,12,745	2,70,21,094	1,77,62,122
14	Furniture, Fixtures &	9,82,50,402	1,61,36,282		11,43,86,684	2,79,00,280	97,10,148		3,76,10,428	7,67,76,256	7,03,50,122
15	Vehicles	12,10,857	80,291		12,91,148	5,25,373	1,29,115		6,54,488	6,36,660	6,85,484
16	Lib. Books & Scientific	4,60,13,113	16,81,944		4,76,95,057	3,96,82,625	23,80,157		4,20,62,782	56,32,275	63,30,488
17	Small Value Assets	92,84,792	38,88,010		1,31,72,802	32,55,594	9,93,490		42,49,084	89,23,718	60,29,198
	TOTAL	**3,08,24,79,985**	**83,79,35,504**	**1,24,620**	**3,92,02,90,869**	**74,24,74,924**	**19,15,30,487**	**91,330**	**93,39,14,081**	**2,98,63,76,788**	**2,34,00,05,061**
B	**CAPITAL WORK IN PROGRESS**	**3,16,44,08,700**	**1,59,35,61,677**	**46,96,74,115**	**4,28,82,96,262**				-	**4,28,82,96,262**	**3,16,44,08,700**
C	**INTANGIBLE ASSETS**								-	-	
1	Computer Software	1,81,11,750	19,26,388		2,00,38,138	1,20,61,949	59,00,523		1,79,62,472	20,75,666	60,49,801
2	E-Joumals	19,81,64,041	5,90,76,871		25,72,40,912	11,06,54,466	8,31,50,412		19,38,04,878	6,34,36,034	8,75,09,575
	TOTAL	**21,62,75,791**	**6,10,03,259**		**27,72,79,050**	**12,27,16,415**	**8,90,50,935**		**21,17,67,350**	**6,55,11,700**	**9,35,59,376**
	TOTAL (A+B+C)	**6,46,31,64,476**	**2,49,25,00,440**	**46,97,98,735**	**8,48,58,66,181**	**86,51,91,339**	**28,05,81,422**	**91,330**	**1,14,56,81,431**	**7,34,01,84,750**	**5,59,79,73,137**

PART B

Amount (₹)

SR. NO.	PARTICULARS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		OPENING BALANCE	ADDITIONS	DEDUCTIONS	CLOSING BALANCE	OPENING BALANCE	FOR THE YEAR	DEDUCTION/ ADJUSTEMENTS	TOTAL	CURRENT YEAR	PREVIOUS YEAR
1	Plants Machinery	3,52,90,371	1,54,98,137		5,07,88,508	70,54,208	25,39,430		95,93,638	4,11,94,870	2,82,36,163
2	Scientific & Laboratory Equipment	3,01,54,944	1,21,03,110		4,22,58,054	42,05,914	32,30,451		74,36,365	3,48,21,689	2,59,49,030
3	Audio Visual Equipment	3,91,816	1,99,766		5,91,582	40,111	44,368		84,479	5,07,103	3,51,705
4	Computers & Peripherals	1,09,93,464	74,51,583		1,84,45,047	61,07,070	33,64,455		94,71,525	89,73,522	48,86,394
5	Furniture, Fixtures & Fittings	7,35,611	1,61,849		8,97,460	90,953	67,314		1,58,267	7,39,193	6,44,658
6	Samll Value Items	1,75,255	1,60,070		3,35,325	22,347	25,152		47,499	2,87,826	1,52,908
	TOTAL	**7,77,41,461**	**3,55,74,515**	-	**11,33,15,976**	**1,75,20,603**	**92,71,170**	-	**2,67,91,773**	**8,65,24,203**	**6,02,20,858**
B	**CAPITAL WORK IN PROGRESS**	15,66,454		15,66,454	-		-	-		-	15,66,454
C	**INTANGIBLE ASSETS**										
1	Computer Software	24,80,798	26,24,818.00		51,05,616	9,99,028	19,16,113	-	29,15,141	21,90,475	14,81,770
	TOTAL	**24,80,798**	**26,24,818**	-	**51,05,616**	**9,99,028**	**19,16,113**	-	**29,15,141**	**21,90,475**	**14,81,770**
	TOTAL (A+B+C)	**8,17,88,713**	**3,81,99,333**	**15,66,454**	**11,84,21,592**	**1,85,19,631**	**1,11,87,283**	-	**2,97,06,914**	**8,87,14,678**	**6,32,69,082**
	GRAND TOTAL (PART A & PART B)	**6,54,49,53,189**	**2,53,06,99,773**	**47,13,65,189**	**8,60,42,87,773**	**88,37,10,970**	**29,17,68,705**	**91,330**	**1,17,53,88,345**	**7,42,88,99,428**	**5,66,12,42,219**

V - INVESTMENTS

Amount (₹)

INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS

SR.NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	Term Deposits with Banks (FDs)	24,49,06,441	18,81,44,280
2	Saving Accounts	21,87,66,544	17,96,24,614
	TOTAL	**46,36,72,985**	**36,77,68,894**
INVESTEMENTS IN TERM DEPOSITS			
1	Corpus Fund	24,39,97,757	18,72,87,322
2	G.R. Bala Sunderam Fund	1,53,572	1,39,834
3	Rani Gonselves Memorial Endowment Fund	2,38,600	2,16,950
4	Donation	5,16,512	5,00,174
	TOTAL	**24,49,06,441**	**18,81,44,280**
SAVING BANK ACCOUNTS			
1	SBI Corpus Fund A/c	11,55,089	10,08,630
2	SBI Donation Account	4,86,506	5,34,441
3	PNB SRIC A/c	21,71,24,949	17,80,81,543
	TOTAL	**21,87,66,544**	**17,96,24,614**

SCHEDULE VI - CURRENT ASSETS

Amount (₹)

SR.NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	**STOCK**		
	a) Laboratory Chemicals, Consumables and Glass Ware	17,00,000	20,00,000
	b) Stationery in hand	72,070	19,510
	c) Building Material		
2	**CASH BALANCE & BANK BALANCE**		
	a) - With Scheduled Banks (in Saving Bank Accounts)	36,01,14,657	1,19,91,41,103
3	**Grant -in transit**	13,30,00,000	8,00,00,000
	TOTAL	**49,48,86,727.00**	**1,28,11,60,613.00**

DETAILS OF SAVING BANK ACCOUNT Amount (₹)

SR.NO.	SAVINGS BANK ACCOUNT	CURRENT YEAR	PREVIOUS YEAR
1	PNB FLC Account	8,04,02,384	27,09,07,924
2	SBI Mandi Fee Collection Account	66,09,314	6,31,472
3	SBI Mandi Main Account	1,60,05,167	89,73,97,936
4	IIT Mandi SBI FLC Account	8,98,636	2,78,40,124
5	IIT MANDI JEE CELL SBI	29,60,231	23,63,647
6	IIT Mandi Escrow Account 3(Canara Bank)	13,75,00,000	-
7	IIT Mandi Escrow Account 4(Canara Bank)	2,99,00,000	-
8	SBI Statutory Payment Account	4,388	-
9	SBI IIT Mandi Grant In Aid Recievables account	8,58,34,537	-
	TOTAL	**36,01,14,657**	**1,19,91,41,103**

SCHEDULE VII - LOANS, ADVANCES & DEPOSITS

Amount (₹)

SR. NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	**Advances to employees: (Non -interest bearing)**		
	a) Festival	10,800	6,750
2	**Advances and other amounts recoverable in cash or in kind or for value to be received:**		
	a) On Capital Accounts	1,04,16,12,257	1,72,36,71,721
	b) to suppliers	7,12,417	8,44,891
	c) Others	25,23,845	-
	d) imprest	91,482	-
3	**Prepaid Expenses**		
	a) Insurance	1,69,700	1,44,112
	b) Other expenses	1,26,43,637	29,58,743
4	**Deposits**		
	a) Telephone	40,010	42,010
	b) Electricity	3,400	3,400
	c)Interest on security from HPSEB	25,133	25,133
	d) DFO Mandi	4,053	4,053
	e) EMD CDA Secunderabad	90,000	90,000
	f) Security Deposit Cable	88,000	-
	g)Mobile	2,000	-
	h) IOC	49,900	49,900
5	**Other - Current assets receivable from UGC/Sponsored projects**		
	a) Debit balances in Sponsored Fellowship & Scholarship	27,82,260	17,29,427
	b) Other receivables SRIC	9,26,135	25,87,974
	TOTAL	**1,06,17,75,029**	**1,73,21,58,114**

SCHEDULE VIII - ACADEMIC RECEIPTS

Amount (₹)

SR. NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A	**ACADEMIC**		
1	Admission fee	1,02,048	65,872
2	Alumni Fee	7,65,360	4,94,040
3	Benevolent Fund	76,536	49,404
4	Bhawan Fund	1,02,048	65,872
5	Extra Curricular Activity	26,77,560	16,08,660
6	Fee Refund Processing Charges	12,000	20,980
7	Grade Card Fee	76,536	49,404
8	Industrial Tour	1,93,000	1,47,000
9	Library Late Fine	3,01,412	2,59,004
10	Registration Fee	5,68,656	3,21,296
11	Student Welfare fund	2,72,767	1,64,680
12	Hostel Fine Received	9,040	-
13	Lab Test Charges	4,868	-
	TOTAL	**51,61,831**	**32,46,212**
B	**EXAMINATIONS**		
1	Annual Examination fee	9,48,122	5,62,268
	TOTAL	**9,48,122**	**5,62,268**
C	**OTHERS FEES**		
1	Identity card fee	25,512	16,468
2	Internet Fee	16,65,050	9,75,800
3	Medical fee	8,03,268	4,77,492
4	Medical Insurance Premium	9,60,221	7,61,712
5	Transportation Charges	7,07,864	
	TOTAL	**41,61,915**	**22,31,472**
	TOTAL (A+B+C)	**1,02,71,868**	**60,39,952**

SCHEDULE IX - GRANTS / SUBSIDIES

Amount (₹)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
Receipts during the year	52,49,00,000	44,59,25,000
TOTAL	**52,49,00,000**	**44,59,25,000**

SCHEDULE X - INCOME FROM INVESTMENTS (Inc. Interest)

Amount (₹)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
		-
Interest Received from PNB FLC	48,66,405	14,72,377
Interest Received from SBI FLC	9,04,256	26,21,056
Interest Received from SBI Jee Cell	90,043	52,534
Interest Received from SBI Fee Collection A/c	8,98,168	4,99,830
Inerest Income Saving-others	28,493	-
Interest Received from SBI Main A/c	2,87,73,110	2,78,38,361
TOTAL	**3,55,60,475**	**3,24,84,158**

SCHEDULE XI - OTHER INCOME

Amount (₹)

SR.NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A	**Income from Land & Building**		
1	Hostel Room Rent	82,25,414	55,60,780
2	Electricity & Water Charges Recovered	72,55,731	45,50,087
	TOTAL	**1,54,81,145**	**1,01,10,867**
B	**Others**		
1	Application Fee Recruitment	14,700	1,64,000
2	Half Pay Leave	-	54,208
3	Licence Fee House	8,61,135	8,85,070
4	Mess/Guest Receipts	35,15,077	22,50,508
5	Misc.Receipts	1,69,882	2,60,794
6	Rent	12,00,194	2,81,493
7	Tender Fee Receipts	2,04,458	2,63,000
8	Excess Provision of Expenses written back	-	4,75,984
9	Penality/Fine etc	27,79,855	11,42,653
10	Document Verification Income	91,915	71,576
11	RTI Fee Received	294	513
12	Sale of Scrap	2,500	14,025
13	Electricity Recovery	2,18,199	-
14	Souvenir Income	75,130	68,150
15	Income from Consultency(SRIC)	17,76,451	13,43,462
16	Misc.Receipts (SRIC)	3,27,156	208
17	Hostel seat	57,270	-
18	Profit on sale of assets	5,241	-
	TOTAL	**1,12,99,457**	**72,75,644**
	TOTAL (A+B)	**2,67,80,602**	**1,73,86,511**

SCHEDULE XII - STAFF PAYMENTS & BENEFITS (Establishment Expenses)

Amount (₹)

SR.NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	Salaries and Wages	21,28,98,422	22,22,17,780
2	Bonus	3,123	-
3	Contribution to Provident Fund		36,028
4	Children Education Allowance	16,63,774	12,46,230
5	Creche Expenses	10,280	27,691
6	Leave Encashment	3,24,367	1,31,574
7	Staff/ Students Amenities - Others	-	7,914
8	Honorarium Paid	34,12,485	23,77,938
9	Honorarium/special Pay	87,896	67,728
10	Interiem Relief	2,15,978	1,92,580
11	House Keeping Services	2,10,52,032	1,34,31,025
12	LTC (Leave Travel Concession)	25,25,817	37,20,781
13	Medicals Exp - Dispensery	36,89,468	24,59,071
14	Medical Staff	27,23,381	47,98,047
15	NPS(Employer's Contribution)	1,67,51,080	1,80,61,566
16	Relocation Allowance	1,67,641	3,43,108
17	Tradesmen/Manpower Services - Outsource	7,37,87,147	6,83,32,111
18	Provision for retirement benefits	2,09,35,101	1,96,59,744
19	Salaries and Wages(SRIC)	60,85,601	53,49,142
20	Leave Salary & Pension Contribution	15,06,350	15,65,580
	TOTAL	**36,78,39,943**	**36,40,25,638**

SCHEDULE XII-A EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

Amount (₹)

PARTICULARS	LEAVE SALARY & PENSION CONTRIBUTIONS	GRATUITY	LEAVE ENCASHMENT	TOTAL
Opening Balance as on 01.04.2018	-	1,70,67,671	2,93,12,828	4,63,80,499
Add: Capitalized value of Contributions Received from other Organizations	-	-	-	-
Less: Actual Payment during the Year	-	-	7,24,412	7,24,412
Balance	-			
Provision to be made in the Current Year	-	1,29,74,946	79,60,155	2,09,35,101
TOTAL	-	**3,00,42,617**	**3,65,48,571**	**6,65,91,188**

SCHEDULE XIII - ACADEMIC EXPENSES

Amount (₹)

SR. NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	Extra Curricular Activities Expenses	26,19,495	16,76,702
2	Faculty Research Expenses	85,94,479	98,16,851
3	Professional Development Allowances	1,02,79,718	51,17,731
4	SWIP Expenses	5,98,467	3,15,093
5	Academica Industry Interaction Conclave Exp.	50,00,000	-
6	Contingency Post DOC Fellow	-	69,500
7	Convocation Expenses	17,51,844	13,99,736
8	Design & Practicum Expenses	14,38,565	6,51,674
9	Laboratory Expenses	47,26,036	35,94,364
10	MCM For Campus School	-	6,27,300
11	Foundation Day Expenditure	2,69,237	2,57,720
12	Hostel Mess Expenses	5,17,620	2,66,828
13	Hiking and Trecking Expesnes	1,52,279	1,27,430
14	Institute Colliquium Expenses	39,139	25,320
15	Interest on Education Loan	1,24,986	61,563
16	ISTP Course Expenses	1,84,285	99,403
17	Teaching Assistant Student	1,83,625	-
18	Work Shop/Short Term Course Etc	12,74,305	3,95,863
19	Inter IIT Tech Meet Exps	2,55,819	2,72,298
20	Inter IIT Sport Meet Exps students	29,18,033	26,20,134
21	International Conference Expenses Researc	57,76,852	40,91,444
22	Scholarship and Stipend	9,15,76,081	6,57,45,950
23	Sports Eminity Expenses	10,27,914	15,37,573
24	Thesis Grant Exps	6,73,198	13,30,119
25	Medical Insurance Premium Students-Exp	4,96,716	3,20,614
26	Medical Students	2,36,070	1,91,433
27	MTP Course Exps	11,282	90,181
28	Oreintation Day Expenses	2,06,185	1,48,425
29	HP Science Congress Expesnes	7,72,018	-
30	Placement Cell Exp	1,25,899	41,639
31	SAE India Expenses	1,02,154	1,40,773
32	Subscription and Registeration expenses	5,98,147	2,97,962
33	Book Nook Expesnes	25,000	-
34	Study Tour	7,802	-
35	Sponsership	1,00,000	-
36	Subscription E-Books& E-Journals	61,38,227	22,81,091
37	Aveshkar Expenses	1,49,421	73,518
38	ANUSANDHAN 2018	-	1,25,541
39	Chemical expenses	71,56,572	1,02,37,436
40	IIT Step Program Expenses		50,644
41	Lab Consumables and Contingency (SRIC)	30,77,674	20,60,304
42	Contingency (SRIC)	1,68,636	89,731
43	Vehicle Insurance charges	-	7,420
			-
	TOTAL	**15,93,53,780**	**11,62,57,308**

SCHEDULE XIV - ADMINISTRATIVE AND GENERAL EXPENSES

Amount (₹)

SR.NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A	**Infrastructure**		
1	Electricity and power	2,53,15,650	2,04,09,288
2	Water charges	6,50,889	6,68,644
	TOTAL	**2,59,66,539**	**2,10,77,932**
B	**Communication**		
1	Postage & Telegram Expenses	2,07,601	2,21,973
2	Telephone and Internet Charges	70,35,293	66,40,976
	TOTAL	**72,42,894**	**68,62,949**
C	**Others**	3,95,99,295	2,87,73,364
	TOTAL	**3,95,99,295**	**2,87,73,364**
	TOTAL (A+B+C)	**7,28,08,728**	**5,67,14,245**

C. Others

Amount (₹)

SR.NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	Printing and Stationery (consumption)	30,07,405	24,39,897
2	Traveling and Conveyance Expenses	1,67,11,415	1,06,52,823
3	Travelling Expesnes (SRIC)	2,94,740	3,27,971
4	Accomodation&Meal Charges Etc	10,81,565	13,28,900
5	Advertisement	11,34,530	12,41,404
6	Annual Maintaince Charges	26,91,696	15,82,534
7	Audit Fee (CAG)	2,38,770	50,000
8	Computerization & Computer Support	36,69,960	25,30,417
9	Digital Map of Compensatory Afforestation of Institute	-	72,995
10	Exhibition Expenses	8,000	7,000
11	Forein Currency Flucatuation	14,39,110	6,25,527
12	Institutional Membership	1,00,000	30,638
13	Inter IIT Sports Meet Exps- Staff	7,22,481	7,71,634
14	Guest House Expenese	10,16,873	14,58,422
15	Hindi Cell Expenses	31,535	32,620
16	IIT Council Expesnes	10,00,000	11,00,000
17	Legal and Professional Fee	26,19,787	3,93,649
18	Meeting Expenses	14,62,219	15,20,118
19	Membership/conference Etc	1,77,131	1,14,947
20	Republic Day/Independence Day Celebration Expenses	60,976	-
21	Misc Expenses	10,662	6,881
22	Newspaper , Magazine Etc	1,07,078	1,19,953
23	Operational Exp Takshila School	18,08,690	19,93,500
24	Technical Workshop ON GSTand GFR	-	40,120
25	Loss on Sale Of Assets	4,672	-
26	Souvenir Expenses	-	1,31,414
27	Enviorement Consent Fee	2,00,000	2,00,000
	Total	**3,95,99,295**	**2,87,73,364**

SCHEDULE XV - TRANSPORTATION EXPENSES

Amount (₹)

SR. NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	Vehicles (Owned by Educational Institution)	27,814	49,673
2	Vehicles Taken on Rent/ Lease	1,60,30,542	1,48,63,381
TOTAL		**1,60,58,356**	**1,49,13,054**

SCHEDULE XVI - REPAIRS & MAINTENANCE

Amount (₹)

SR.NO.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	Estate Maintenance	56,30,410	74,83,675
2	Office Maintenance and House Keeping	42,56,831	42,70,240
3	Electrical Accessories and Maintenance	21,47,843	30,12,729
4	Other Maintenance	52,09,116	26,99,942
	TOTAL	**1,72,44,200**	**1,74,66,586**

SCHEDULE XVII - FINANCE COSTS

Amount (₹)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
Bank Charges	1,55,716	1,65,964
Processing Expesnes(ITEFA LOAN AGREEMENT)	10,01,600	-
Bank Charges(SRIC)	28,367	14,772
TOTAL	**11,85,683**	**1,65,964**

SCHEDULE XVIII - OTHER EXPENSES

Amount (₹)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
Preliminary Expenses Written Off	-	-
TOTAL	-	-

SCHEDULE XIX: PRIOR PERIOD EXPENSES

Amount (₹)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
Depreciation	-	-
Rates and Taxes	-	-
TOTAL	-	-

SCHEDULE 12: INTEREST EARNED

Amount (₹)

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. Interest Income	3,55,60,475	3,24,84,158
Total	**3,55,60,475**	**3,24,84,158**

SCHEDULE 3(C) UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS

in Crores

	Current Year	Previous Year
A. Plan grants: Government of India Balance B/F Add: Receipts during the Year from MHRD Add: Internal Revenue Generation (IRG)	89.24 62.79 12.73	
Total (a)	**164.76**	
Less: Refund Less: Utilized for Revenue Expenditure Less: Utilized for Capital expenditure	 64.38 78.50	
Total (b)	**142.88**	
Unutilized carried forward (a-b)	**21.88**	
B.UGC grants: Plan Balance B/F Add: Receipts during the Year	Nil	
Total (c)	Nil	
Less: Refund Less: Utilized for Revenue Expenditure Less: Utilized for Capital expenditure	Nil	
Total (d)	Nil	
Unutilized carried forward (c-d)	Nil	
C. UGC grants Non Plan: Balance B/F Add: Receipts during the Year	Nil	
Total (e)	**Nil**	
Less: Refund Less: Utilized for Revenue Expenditure Less: Utilized for Capital expenditure	Nil	
Total (f)	Nil	
Unutilized carried forward (e-f)	**Nil**	
D. Grants from State Govt. Balance B/F Add: Receipts during the Year	Nil	
Total (g)	Nil	
Less: Utilized for Revenue Expenditure Less: Utilized for Capital expenditure	Nil	
Total (h)	Nil	
Unutilized carried forward (g-h)	Nil	
Grand Total (A+B+C+D)	**21.88**	

SCHEDULE10-GRANTS/SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

Rupees in Crores

Particulars	Plan			Total Plan	Non Plan UGC	Current Year Total	Previous Year Total
	Govt.of India	UGC					
		Plan	Specific Scheme				
Balance B/F	89.24	0.00	0.00	89.24	0.00	89.24	
Add: Receipt during the year from MHRD	62.79	0.00	0.00	62.79	0.00	62.79	
IRG (Internal Revenue Generation)	12.73	0.00	0.00	12.73	0.00	12.73	
Total	**164.76**	**0.00**	**0.00**	**164.76**	**0.00**	**164.76**	
Less: Refund to UGC	-	0.00	0.00	0.00	0.00	0.00	
Balance	164.76	0.00	0.00	164.76	0.00	164.76	
Less: Utilized for Capital expenditure (A)	78.50	0.00	0.00	78.50	0.00	78.50	
Balance	**86.26**	**0.00**	**0.00**	**86.26**	**0.00**	**86.26**	
Less:utilize for Revenue Expenditure (B)	64.38	0.00	0.00	64.38	0.00	64.38	
Balance C/F (C)	**21.88**	**0.00**	**0.00**	**21.88**	**0.00**	**21.88**	

INDIAN INSTITUTE OF TECHNOLOGY, MANDI,HIMACHAL PRADESH

SPONSORED RESEARCH INDUSTRIAL CONSULTANCY(SRIC)

DETAIL OF GRANT IN AID UNUTILISED DURING THE YEAR 2018-19

Sr. No.	Name of the Project	Unutilised Grant as on 31.03.2018 (₹)	Receivable Grant as on 31.03.2018 (₹)	Grant in Aid Received 2018-19 (₹)	Interest 2018-19 (₹)	Total (₹)	Grant in aid Capital Expenditure (₹)	Revenue Expenditure (₹)	Grant Refund (₹)	Total Expenditure (₹)	Unutilised Grant as on 31.03.2019 (₹)	Receivable Grant as on 31.03.2019 (₹)
1	Estimating Quality of Boardband Internet in India	8,209	-	-	144	8,353	-	-	-	-	8,353	-
2	RTBI Project	1,75,296	-	-	3,068	1,78,364	-	-	-	-	1,78,364	-
3	DNA Aptamer Conjugated Gold Nano Partical for tageting Cancer Cells	22,243	-	-	389	22,632	-	-	-	-	22,632	-
4	Nano Photonic System for quantum information processing and Co-herent Central	3,84,991	-	-	-	3,84,991	-	-	3,78,370	-	6,621	-
5	Development of Polyoxometalates organic hybrids having through- bonds electronic inter action between cluster and organic units for material and catalytic application	31,452	-	-	550	32,002	-	-	-	-	32,002	-
6	Resist concepts for EUVL at the 16nm node and beyond	2,93,787	-	-	-	2,93,787	-	-	-	-	2,93,787	-
7	Glass and Glass - Ceramics for Electrical energy storage Devices	4,80,688	-	-	-	4,80,688	4,68,884	20,000	-	4,88,884	-	8,196
8	Engineering Molecular Organic frameworks Crystal Structure and Photophysical Properties	1,92,623	-	-	3,371	1,95,994	-	-	-	-	1,95,994	-
9	Aakash Education Proposal	5,59,207	-	-	9,786	5,68,993	-	-	-	-	5,68,993	-
10	IU - ATC Project	1,163	-	-	20	1,183	-	-	-	-	1,183	-
11	Exploring the Human Microbiome: A hunt for Candidates for Pre and Pro Biotics	3,15,680	-	-	5,524	3,21,204	3,15,680	-	-	3,15,680	5,524	-
12	Conteroled Febrication of Realistic Nano Nano-circuits using Robust Artificial	3,20,377	-	-	5,607	3,25,984	-	-	-	-	3,25,984	-
13	Study Of Fractional Order Differancial Equation with Application	8,778	-	-	154	8,932	-	-	-	-	8,932	-
14	ALTAIR	22,221	-	-	389	22,610	-	-	-	-	22,610	-
15	Study of fractional order differential equations with application	73,372	-	-	1,284	74,656	-	-	-	-	74,656	-
16	Molecular Chaperones mediated protein folding using time resolved single molecule Forster Resonance Energy Transfer	1,57,059	-	-	2,749	1,59,808	-	-	-	-	1,59,808	-
17	Dr Neetu Kumari 300Raman PD	162	-	-	3	165	-	-	-	-	165	-
18	Evaluation of MANREGA in Mandi - DRD	75	-	-	1	76	-	-	-	-	76	-
19	Electromagnetic radiation response of metals and alloys during deformation at low temperature conditions	-	1,30,884	2,30,874	-	99,990	-	99,990	-	99,990	-	-
20	Development of a class of Higher Order Compact finite difference schemes and its application to linear shear flows	-	71,379	-	-	71,379	-	-	-	-	-	71,379
21	DST - FIST	-	2,41,000	24,41,700	37,638	22,38,338	30,632	19,300	-	49,932	21,88,406	-
22	Design Innovation Centre	50,54,520	-	6,207	83,845	51,44,572	29,146	2,40,431	-	2,69,577	48,74,995	-
23	Modeling of contaminated sediment transport in lake/river	1,95,271	-	-	-	1,95,271	29,275	-	1,65,996	29,275	-	-
24	A Multi-dimensional Smart Energy Grids Analysis for Indian Scenario	9,25,662	-	-	-	9,25,662	16,50,000	29,667	-	16,79,667	-	7,54,005
25	Innovation in Science pursuit for inspired research (INSPIRE)	1,66,690	-	2,05,917	4,792	3,77,399	-	98,792	-	98,792	2,78,607	-
26	The Sixteenth century renaissance in south India	-	4,04,829	-	-	4,04,829	-	3,78,934	-	3,78,934	-	7,83,763
27	Building a secure and trustworthy cyberspace: An behavioural game-	1,67,204	-	-	2,926	1,70,130	-	-	-	-	1,70,130	-

Sr. No.	Name of the Project	Unutilised Grant as on 31.03.2018 (₹)	Receivable Grant as on 31.03.2018 (₹)	Grant in Aid Received 2018-19 (₹)	Interest 2018-19 (₹)	Total (₹)	Grant in aid Capital Expenditure (₹)	Revenue Expenditure (₹)	Grant Refund (₹)	Total Expenditure (₹)	Unutilised Grant as on 31.03.2019 (₹)	Receivable Grant as on 31.03.2019 (₹)
28	Carrier Multiplication in Electronically Coupled Nanocrystals and Harvesting	12,888	-	-	226	13,114	-	-	-	-	13,114	-
29	Development of higher order accurate numeri-discontinuities and its application to immersed interface problems	36,697	-	-	563	37,260	-	4,500	-	4,500	32,760	-
30	Arsenic and Heavy Metal Mapping in Water, Coal and Fly Ash samples from Urajanchal (Singrauli) Area of Central India	1,953	-	-	34	1,987	-	-	-	-	1,987	-
31	Engineering chemical structure to improve device efficiency: novel organic polymers/macromolucules and their nanocomposites for photovoltaic	1,34,898	-	-	27	1,34,925	-	1,33,369	-	1,33,369	1,556	-
32	Quantum Dots for Novel Solar Solutions	4,76,515	-	-	3,715	4,80,230	21,315	2,92,926	-	3,14,241	1,65,989	-
33	Tata Consultancy Services Research Scholar Program	3,200	-	-	56	3,256	-	-	-	-	3,256	-
34	Visvesvaraya PhD Scheme for Electronics and IT (14-15)	5,61,757	-	28,63,243	3,638	34,28,638	-	32,67,114	-	32,67,114	1,61,524	-
35	Visvesvaraya PhD Scheme for Electronics and IT (2015-16)	3,54,491	-	21,56,009	11,261	25,21,761	61,596	19,26,524	-	19,88,120	5,33,641	-
36	Efect of dimensionality on the lectronic structure of some novel transition metal oxides	53,492	-	1,65,640	352	2,19,484	-	1,99,000	-	1,99,000	20,484	-
37	Special Man Power development program from chips to system design	3,28,734	-	9,71,266	1,015	13,01,015	6,720	12,35,280	-	12,42,000	59,015	-
38	Immuno-modulating effect of Taenia solium cyst antigens on immune reactive cells and their role in	-	52,588	5,00,000	3,126	4,50,538	-	2,68,764	-	2,68,764	1,81,774	-
39	Machine Learning and Data Mining for Sales and Analytics in Pharma	4,38,463	-	-	2,489	4,40,952	-	2,96,248	-	2,96,248	1,44,704	-
40	Development of High Temperature Thermoelectric Transport Measurements System to Study Chalcogenide Based Thermoelectric Nano-Composites	-	1,21,547	-	-	1,21,547	-	-	-	-	-	1,21,547
41	Ab-initio search of new Magnetoelectric Multiferrole Materials	3,35,455	-	13,00,000	19,217	16,54,672	15,500	5,21,849	-	5,37,349	11,17,323	-
42	Bioinspired Advanced Materials for Enhanced Solar Energy Conversion in Organic Photovoltaics	3,70,111	-	-	1,663	3,71,774	97,638	1,77,433	-	2,75,071	96,703	-
43	Setting up centre for innovative technologies for himalayan Region under CSTRI Scheme	24,368	-	12,00,000	4,327	12,28,695	-	9,89,687	53,922	9,89,687	1,85,086	-
44	Investigation of Photocatalytic Activity in Ferroelectric Ceramics & their Composites	2,24,692	-	-	190	2,24,882	26,717	1,87,139	-	2,13,856	11,026	-
45	Design & Development of High Performance Synchronous Machine (PMSM) based Drives for Motion Control	3,99,694	-	-	1,145	4,00,839	9,999	3,24,243	65,452	3,34,242	1,145	-
46	Detection of Cervical Cancer from pap smear images	4,333	-	-	76	4,409	-	-	-	-	4,409	-
47	Physics of Electromagnos Dynamics probed by Raman Scattering	5,11,161	-	15,79,603	18,229	21,08,993	5,98,602	5,60,443	-	11,59,045	9,49,948	-
48	Identification of the Hedgehog pathway modulators in non-small cell lug cancer stem cells	5,986	-	-	105	6,091	-	-	-	-	6,091	-
49	Generating Renewable Energy sources using anthropogenic carbon dioxide for sustainable future	17,87,710	-	-	22,090	18,09,800	14,18,064	4,03,349	-	18,21,413	-	11,613

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50	Development of Indigenous DUV photoresists for 180nm process technology at Semi-Conductor Lab (SCL) Mandi, Mank in India	1,15,213	-	13,00,000	631	14,15,844	36,376	13,43,116		13,79,492	36,352	-
51	Stimuli Responsive Smart Nanocarriers for Theranostics Application	3,96,084	-	-	-	3,96,084	-	3,96,084	-	3,96,084	-	-
52	Intrinsically Disordered Proteins: Folding and Binding Mechanisms of Transactivation Domain of Adenoviral Oncoprotein E1A with its partner TAZ2	1,21,720	-	5,00,000	-	6,21,720	-	7,73,590	-	7,73,590	-	1,51,870
53	Novel Non chemically amplified molecular photoresists for nanoelectronics at the 20nm node or beyond	6,24,069	-	-	-	6,24,069	-	6,84,838	-	6,84,838	-	60,769
54	Photocatalytic transparent glass nano/micro crystal composites for waste water treatment	5,191	-	-	-	5,191	-	2,33,871	-	2,33,871	-	2,28,680
55	Training in Pahari Painting: A step towards the presentation of Himalayan Culture	98,457	-	-	1,723	1,00,180	-	-	-	-	1,00,180	-
56	Development of analytical method to determine transient torques developed under various faults and its grid interaction effects on turbine generator shaft system	58,770	-	-	1,028	59,798	-	-	-	-	59,798	-
57	Design of Quieter Hard Disk and Optical Drive Using Sonic Crystal	1,49,956	-	3,00,000	2,518	4,52,474	-	3,06,045	-	3,06,045	1,46,429	-
58	Nonlinear thermo-electro-electro-elasticity analysis of geometrically imperfect functionally graded curved panels with material	-	1,54,487	5,00,000	502	3,46,015	-	3,16,832	-	3,16,832	29,183	-
59	Site specific growth and nanomanufacturing of aligned carbon nanotube (CNT) for device	49,396	-	4,00,000	912	4,50,308	64,487	3,32,809	-	3,97,296	53,012	-
60	Layered Chalcogenide Nanocomposites for Thermoelectric Applications	-	88,910	6,00,000	38	5,11,128	37,144	4,71,776	-	5,08,920	2,208	-
61	The role of hyperinsulinemia in the pathogenesis of insulin resistance and diabetes	1,488	-	10,00,000	-	10,01,488	-	10,02,463	-	10,02,463	-	975
62	Development of indigenous chemical mechanical polishing slurries for microelectronics application at semiconductor laboratory (SCL), Mohali	20,92,353	-	-	14,946	21,07,299	2,80,604	9,57,720	-	12,38,324	8,68,975	-
63	Controller optmization for differential Algebraic Systems Development of human-performance modeling	3,20,722	-	-	5,201	3,25,923	-	23,515	-	23,515	3,02,408	-
64	framework via physiological and signal processing tools for visual congitive inhancement in IVD, VR and AR paradigms	1,92,853	-	5,28,920	5,063	7,26,836	6,253	4,37,247	-	4,43,500	2,83,336	-
65	Engineering novel plasmonic nanocapsules for cancer therapy and	4,21,730	-	-	198	4,21,928	-	4,10,437	-	4,10,437	11,491	-
66	Solar energy storage using phase change material for space heating application	11,36,839	-	-	17,058	11,53,897	-	1,62,114	-	1,62,114	9,91,783	-
67	Ramanujan Fellowhip	-	2,37,821	26,07,000	9,400	23,78,579	-	18,32,036	-	18,32,036	5,46,543	-
68	Point of care monitoring of neuroglial-vascular intercations during spreading depolarizations in brain traumausing simulaneous recording of electroencephlography (ECG)	4,36,190	-	-	7,633	4,43,823	-	-	-	-	4,43,823	-
69	Design of Advanced Big Data Analytics in the CygNet Network Management System for large telecom networks	30,90,336	-	25,05,742	57,996	56,54,074	7,20,750	15,61,273	-	22,82,023	33,72,051	-
70	Silion solar cells with carrier selective contacts	11,50,355	-	-	19,935	11,70,290	-	11,200	-	11,200	11,59,090	-

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73	Next Generation, Cutting-Edge Indigenous EUVL Resists Technology for Semiconductor Industry	40,47,745	-	-	34,411	40,82,156	40,950	2,60,933	-	3,01,883	37,80,273	-
74	Eco Friendly Utilisation of Hazardous Dry Pine Needls for Social Benefit	2,94,422	-	-	3,995	2,98,417	-	66,143	-	66,143	2,32,274	-
75	Study of Synergistic use of Hydrogen and other alternatives fuel in a dual fuel Engine for Emission reduction	10,70,527	-	6,76,530	24,968	17,72,025	9,95,523	3,20,330	-	13,15,853	4,56,172	-
76	Development of adaptive unstructured angular descretisation grid for the finite volume method of radiative transfer equation for collimated beam radiation	9,82,398	-	4,24,030	17,516	14,23,944	8,71,000	4,05,538	-	12,76,538	1,47,406	-
77	Development of Indigenous photoresists technology for semiconductor industries: impact on Indian economy, skilled manpower development and employment possibility	18,25,356	-	26,79,725	11,928	45,17,009	6,89,081	23,44,373	-	30,33,454	14,83,555	-
78	Design and failure analysis of cemented acetabular prosthesis	1,98,781	-	2,53,200	3,121	4,55,102	-	2,73,652	-	2,73,652	1,81,450	-
79	Optimizing economics of renewable energy using fault-tolerant model predictive control (PARAMEDIC)	1,37,802	-	5,09,030	185	6,47,017	-	6,67,546	-	6,67,546	-	20,529
80	Development of Indigenous photoresist stripping formulation for SCL, Mohali	23,373	-	-	409	23,782	-	-	-	-	23,782	-
81	In situ x-ray computed tomography exploration and numerical modelling of fracture mechanisms involved in the failure of interfacial transition zone of cement concrete	12,40,320	-	4,08,200	20,188	16,68,708	-	4,94,899	-	4,94,899	11,73,809	-
82	Integrating Genome scale metabolic analysis of model plant pathogen Ralstonia solanacearum with RNAseq and fluomics	8,09,786	-	-	2,651	8,12,437	9,000	6,49,327	-	6,58,327	1,54,110	-
83	Development of aligned CNT-polymer nanocomposite for light weight and high strength body armor application	4,23,745	-	-	525	4,24,270	2,80,604	1,13,133	-	3,93,737	30,533	-
84	Mathematical Modelling of the Epidemiology of Multi-Drug Resistant Tuberculosis (MDR-TB)	15,360	-	4,70,000	-	4,85,360	4,700	4,80,374	-	4,85,074	286	-
85	Low cost Bioinspired Point-of-Care devices for early detection of diseases using Saliva as diagnostic fluid in rural Himachal areas	2,60,482	-	-	-	2,60,482	-	2,60,328	154	2,60,328	-	-
86	Development and evaluation of landslide risk communication solutions in Mandi Distt. of H.P	1,98,003	-	-	-	1,98,003	-	1,98,003	-	1,98,003	-	-
87	Indian Red Cross Society project-IIT Mandi collaboration	7,457	-	-	130	7,587	-	-	-	-	7,587	-
88	Facile low cost- synthesis of Graphene/ Zeolite composite and their application in removal of heavy metals from water	1,10,188	-	4,00,000	-	5,10,188	-	5,26,732	-	5,26,732	-	16,544
89	Deciphering the molecular mechanisms governing the direct Aβ aggregation inhibition with the serum protein-Transferrin: Implication for Alzheimer's disease	6,418	-	6,16,200	1,978	6,24,596	-	5,09,574	-	5,09,574	1,15,022	-
90	Characterization of the Entropy regions for three and four random variables and their application	1,96,708	-	9,50,000	5,043	11,51,751	-	8,58,548	-	8,58,548	2,93,203	-
91	Efficient distributed computation of massive data	6,53,790	-	8,37,691	25,488	15,16,969	-	35,000	-	35,000	14,81,969	-
92	Automatic analysis of avian acoustics	1,62,124	-	-	-	1,62,124	-	2,10,484	-	2,10,484	-	48,360

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91	A microfluidic based point of care testing device for measuring urine albumin using a novel organic dye	20,19,868		10,60,000	12,463	30,92,331	8,38,417	15,29,294	-	23,67,711	7,24,620	-
92	Improving Bio-engineering strategies to achieve soil stability	17,83,642		7,67,546	21,727	25,72,915	7,93,627	5,15,998	-	13,09,625	12,63,290	-
93	Investigation of phase change nanocomposites for high strain rate resistant armour application	2,43,709	-	4,91,189	1,600	7,36,498	2,48,850	3,94,613	-	6,43,463	93,035	-
94	Imperfection sensitivity analysis of functionally graded structures featuring parameter uncertainties	1,38,957		3,06,000	1,415	4,46,372	88,094	2,76,029	16,560	3,64,123	65,689	-
95	Documentation of successful practices and scalable models under MGNREGA in Himachal Pradesh	32,170		2,91,225	815	3,24,210	-	2,76,831	-	2,76,831	47,379	-
96	Investigation of physical properties of multiferroic compounds belonging to	-	11,516	2,00,000	4	1,88,488	-	1,88,282	-	1,88,282	206	-
97	Study of Nernst effect in the superconductors and semi-metallic	9,76,891		-	17,045	9,93,936	-	2,915	-	2,915	9,91,021	-
98	Fracture analysis of fuctionally graded material(FGMs) by coupled FE-Meshfree	3,24,401		4,00,000	5,875	7,30,276	-	3,88,667	-	3,88,667	3,41,609	-
99	Development of gas sensor devices based on two dimensional transition metal dichalcogenides(TMDs)	14,983		9,10,000		9,24,983	19,419	9,05,482	-	9,24,901	82	-
100	Parametric study on pullout resistance of mdel micro-piles	25,003		3,98,000	2,323	4,25,326	-	2,99,863	-	2,99,863	1,25,463	-
101	Study of magnetic and magnetocaloric properties of mixed metal oxides and	56,964		8,00,000	260	8,57,224	9,086	8,33,048	-	8,42,134	15,090	-
102	Engineering the electronic structure of possible oxide topological insulators	10,88,460	-	4,00,000	13,476	15,01,936	8,86,518	5,74,864	-	14,61,382	40,554	-
103	Nanoplasmonic SERS substrate design for trace analysis and detection	1,25,609		5,69,073	159	6,94,841	-	6,85,583	-	6,85,583	9,258	-
104	Effect of correlation, relativistic interaction and confinement on the photoionization dynamics of atomic systems	6,14,997	-	4,00,000	12,784	10,27,781	2,99,900	3,00,988	-	6,00,888	4,26,893	-
105	Understanding intrinsically disordered proteins: Transactivation domains of cMyb and p53 from single molecule to ensemble and disease perspectives	2,74,819	-	17,65,181	5,617	20,45,617	51,898	16,67,142	-	17,19,040	3,26,577	-
106	Exploring the tunability of magnetic structure in multiferroic compounds YBa1-xSrxCuFeo5 (0≤ xs 0.6 and LnBaCuFeO5 (Ln = D, Ho, Yb) by	-	59,862	3,30,000	2,993	2,73,131	-	99,102	-	99,102	1,74,029	-
107	Search of new semiconducting heusler alloys for high temprature thermoelectric applications	7,16,840		2,00,000	11,519	9,28,359	4,99,200	2,74,640	-	7,73,840	1,54,519	-
108	Semi-Automated framework for preparation of LHZ & LSZ using machine learning techniques	1,64,435		3,00,000	3,083	4,67,518	-	2,88,238	27,524	2,88,238	1,51,756	-
109	Role of human cathelicidine in gastric carcinogenesis	1,49,306	-	16,21,000	289	17,70,595	-	17,53,768	-	17,53,768	16,827	-
110	Stability analysis of reinforced soil wall under seismic loads a novel approach	26,22,777	-	-		26,22,777	-	-	-	-	26,22,777	-
111	Immunotyping of Taenia solium functional secretome and their	-	1,54,604	14,00,000	4,091	12,49,487	-	10,11,614	-	10,11,614	2,37,873	-
112	Modelling of hydraulic diffusivity and its application in the FE simulation of moisture transport in concrete for	19,70,358	-	6,67,730	13,766	26,51,854	15,09,471	3,67,000	-	18,76,471	7,75,383	-
113	Systems analysis of photoautotrophic metabolic phenotypes of plants in response to stress	20,09,866	-	-	18,191	20,28,057	4,47,535	5,22,844	-	9,70,379	10,57,678	-
114	Investigation of fluid and granular jet impact with erosion effects	10,77,877	-	87,905	-	11,65,782	-	-	11,42,800	-	22,982	-

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117	Development of nanostructured wear resistant microwave cladis to minimise slurry erosion in hydro turbines	12,07,944		5,06,870	21,901	17,36,715	-	4,63,352	-	4,63,352	12,73,363	-
118	PSPCL Multistory integrated corporate office complex at Shakti Vihar Patiala PB	20,400			357	20,757	-	-	-	-	20,757	-
11	Vetting of structural design for the extension of renovation of existing shed of Mela Graound, IARI Pusa New Delhi	34,704			607	35,311	-	-	-		35,311	-
118	Efficient query and visualizaztion of Big data	24,418			427	24,845	-	-	-	-	24,845	-
119	Up-gradation of the existing rope-way system used in rural areas has been signed by Society for Technology and	61,400			550	61,950	-	30,000	-	30,000	31,950	-
120	Design and development of efficient solar assisted corrugated box dryer	21,846		-	-	21,846	-	25,813	-	25,813	-	3,967
121	Snow mapping & it's parameter estimation from geospatial (AVIRIS-NG) and field data	15,57,801			15,185	15,72,986	85,050	8,88,564	-	9,73,614	5,99,372	-
122	BioPEC: Cellulosic waste to high value products by integrating microbial bioprocessing and pyrolysis techniques	21,72,891		7,99,109	30,448	30,02,448	-	13,25,279	-	13,25,279	16,77,169	-
123	Development of a hand held molecular point-of care test device for infectious diseases	23,87,950			-	23,87,950	17,45,324	8,46,450	-	25,91,774	-	2,03,824
124	Democratization of Indian Christianity Dalit Christian liberation movement in contemporary India	60,726	-	-	923	61,649	-	8,000	52,726	8,000	923	-
125	A comparative study on microscopic structure and dynamics near glass transition in linear polymer melt at low & high densities	12,19,449		-	15,396	12,34,845	9,87,824	2,17,297	-	12,05,121	29,724	-
126	Sustainable waste water treatment through bio-photoelectro-catalysis and bio production	1,44,78,607		-	1,77,142	1,46,55,749	6,75,573	38,35,315	-	45,10,888	1,01,44,861	-
127	Novel NIR-I and NIR-II dyes and their functionalised nanoparticles for non-invasive imaging, tracking and target delivery of theranostic in progressive liver disease prognosis and therapy	3,61,508	-	10,45,646	2,258	14,09,412	65,649	12,21,108	-	12,86,757	1,22,655	-
128	Site specific forecasting based on sensor data using machine learning time series prediction modeling	1,67,321	-	7,81,920	10,478	9,59,719	-	3,50,488	-	3,50,488	6,09,231	-
129	Suitability of higher modeling approach for reactive solute transport through hetrogeneous porous medium: experimental and numerical study	17,56,321		-	14,504	17,70,825	6,39,450	2,88,048	-	9,27,498	8,43,327	-
130	New metal-organic networks as promising electro-active species for energy storage application: from materials developments to prototype fabrication	6,02,123	-	5,00,000	6,840	11,08,963	49,900	6,61,353	-	7,11,253	3,97,710	-
131	MHRD- Unnat Bharat Abhiyan scheme	1,06,138	-	-	1,507	1,07,645	-	20,000	-	20,000	87,645	-
132	Non- linear active shape and vibration control of functionally graded structure using functionally graded piezoelectric material	3,69,471	-	-	-	3,69,471	24,000	3,95,437	10,605	4,19,437	-	60,571
133	Folding mechanism of trans activation domain of E2APBX1, an intrinsically disordered protein involved in leukemia induction	5,05,224	-	6,64,376	15,218	11,84,818	-	3,00,000	20,468	3,00,000	8,64,350	-
134	Magnetic properties and structure transformations in binary Fe- Pb and ternary Fe- Pd-M (M- Ni, Ga)	7,50,556	-	-	4,441	7,54,997	-	4,96,757	-	4,96,757	2,58,240	-
135	Development of Gallium oxide based next generation power and sensor device	32,25,752	-	-	40,363	32,66,115	6,66,056	2,53,261	-	9,19,317	23,46,798	-

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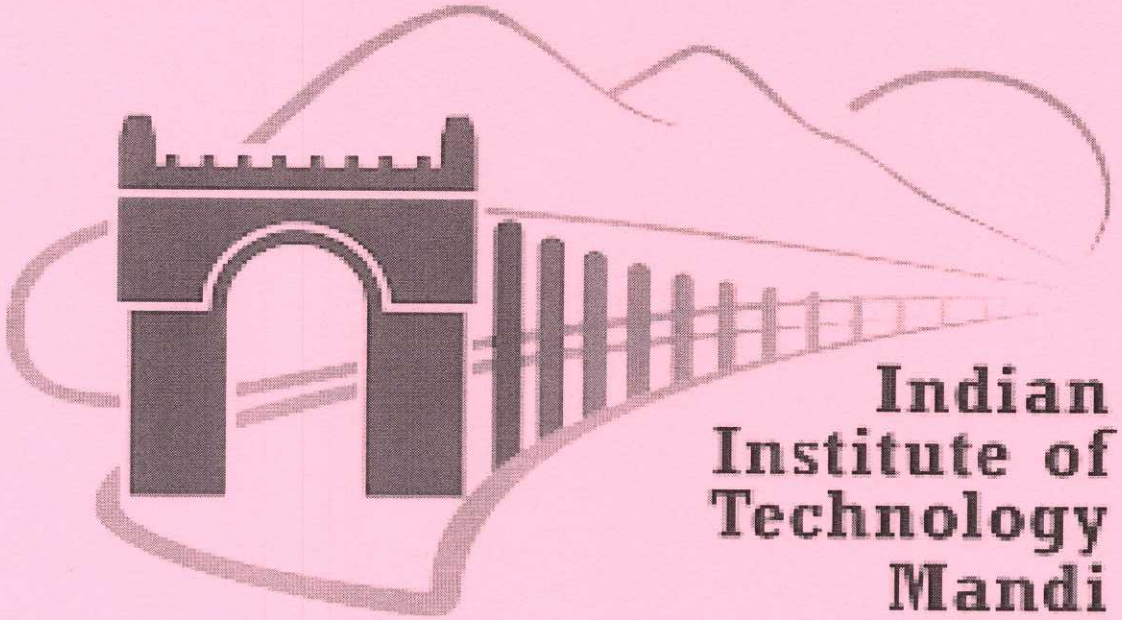
[illegible]	Development and evaluation of low cost landslide early warning solutions	1,05,296	-	3,14,200	4,334	4,23,830	-	1,71,851	-	1,71,851	2,51,979	-
[illegible]	Development and dissemination of Agri based technologies being optimized at IIT Mandi from lab to farmer's field of mid- Himalayan region	6,36,566	-	-	-	6,36,566	1,14,752	6,14,606	-	7,29,358	-	92,792
138	Community development through Panchayati Raj Institution (PRIs) under women's leadership	95,000	-	55,000	2,336	1,52,336	-	16,500	-	16,500	1,35,836	-
139	Study and design of broad band frequency selective surface (FSS) structures for various RF and microwave applications	34,42,497	-	3,86,170	3,914	38,32,581	32,55,000	3,50,000	-	36,05,000	2,27,581	-
140	Development of modern state-of-the-Art digital Forensic facilities in Forensic science laboratories in Himachal Pradesh	35,875	-	4,80,000	6,901	5,22,776	-	1,21,544	-	1,21,544	4,01,232	-
141	Development and evaluation of low-cost landslide monitoring solutions	57,064	-	12,51,614	-	13,08,678	1,16,822	12,11,261	-	13,28,083	-	19,405
142	Photo- catalytic treatment of wastewater for the removal of Azo dyes using rGO-TiO2 based cost effective composite technology	2,87,145	-	-	1,657	2,88,802	-	1,92,444	-	1,92,444	96,358	-
143	Spatial distribution of uranium and associated water quality parameters in groundwater, surface water and drinking water in four districts (Una, Bilaspur, Solan & Sirmour) the state of Himachal Pradesh	18,60,306	-	-	14,900	18,75,206	7,37,520	2,71,385	-	10,08,905	8,66,301	-
144	Spatial distribution of uranium and associated water quality parameters in Shimla and Kinnaur	18,60,306	-	-	15,150	18,75,456	7,37,520	2,57,073	-	9,94,593	8,80,863	-
145	Spatial distribution of uranium and associated water quality parameters in Mandi, Kullu and Hamirpur	17,58,424	-	-	19,398	17,77,822	3,46,500	3,03,467	-	6,49,967	11,27,855	-
146	Capacity building on climate change vulnerability assessment in states of the indian himalayan region	6,32,191	-	11,55,812	3,475	17,91,478	-	15,89,450	-	15,89,450	2,02,028	-
147	Development of pristine graphene as a catalyst support	9,11,000	-	-	8,937	9,19,937	3,12,295	3,86,734	-	6,99,029	2,20,908	-
148	A low cost high efficiency renewable energy based hybrid power conversion system for rural Himachal residential application	3,30,688	-	-	876	3,31,564	-	2,80,613	-	2,80,613	50,951	-
149	Smart Agriculture: Farmer Zone	2,38,00,000	-	-	2,94,081	2,40,94,081	29,15,361	33,34,480	-	62,49,841	1,78,44,240	-
150	Evaluation of business correspondent model of banking: A case study in Himachal Pradesh	50,000	-	1,00,000	-	1,50,000	37,755	1,99,593	-	2,37,348	-	87,348
151	Detection and quantification of dicentric chromosomes from captured images for triage biodosimetry applications	5,16,000	-	-	-	5,16,000	2,93,865	2,58,258	-	5,52,123	-	36,123
152	Scalable manufacturing of asymmetric micro supercapacitor for next generation energy storage devices	46,97,000	-	-	65,505	47,62,505	49,822	9,04,012	-	9,53,834	38,08,671	-
153	Vigyan Jyoti- A New Initiative of DST for Women	15,00,000	-	-	7,000	15,07,000	-	11,00,004	-	11,00,004	4,06,996	-
154	C/o Traffic chakker at Sukhodi Khad Hospital Chowk Mandi (SH: c/o round about inbetween existing bridges and R/wall to Sukhodi bridge hospital side	19,500	-	-	341	19,841	-	-	-	-	19,841	-
155	Proof checking of the district courts building at gurgaon state PWD	-	-	-	-	-	-	-	-	-	-	-
156	Borrow soil testing for NH-21	2,000	-	-	35	2,035	-	-	-	-	2,035	-

Sr. No.	Name of the Project	Unutilised Grant as on 31.03.2018 (₹)	Receivable Grant as on 31.03.2018 (₹)	Grant in Aid Received 2018-19 (₹)	Interest 2018-19 (₹)	Total (₹)	Grant in aid Capital Expenditure (₹)	Revenue Expenditure (₹)	Grant Refund (₹)	Total Expenditure (₹)	Unutilised Grant as on 31.03.2019 (₹)	Receivable Grant as on 31.03.2019 (₹)
157	Site investigation for finalisation of suitable location of JNV Hostel, Pandoh, Mandi	27,950	-	-	19	27,969	-	26,861	-	26,861	1,108	-
158	Matlab simulation of battery energy storage system(BESS) for 17 MW solar PV plant	-	-	-	-	-	-	-	-	-	-	-
159	Application for mining rare diseases and analyzing and predicting patient journeys	9,03,293	-	-	9,434	9,12,727	2,750	3,78,642	-	3,81,392	5,31,335	-
160	Review of design and drawing of dyke wall, fire wall, manhole and barricade structure around oil tank	13,600	-	-	238	13,838	-	-	10,000	-	3,838	-
161	Enabling Women in the Kamand Valley for Carrer Development using mobile and internet.	16,04,949	-	13,500	20,745	16,39,194	34,402	3,81,837	-	4,16,239	12,22,955	-
162	Recived from DST/SERB	1,00,000	-	-	-	1,00,000	-	-	1,00,000	-	-	-
163	Development of low cost accelerated	-	-	13,62,000	10,465	13,72,465	3,53,015	4,15,231	-	7,68,246	6,04,219	-
164	Study of solute transport parameters	-	-	30,63,725	48,000	31,11,725	-	3,20,873	-	3,20,873	27,90,852	-
165	Development of two types of POST ETCH RESIDUE STRIPPERS suitable for cleaning and removal of residues after plasma etching & photo resist ashing of metal & dielectric layers	-	-	15,00,000	15,288	15,15,288	-	6,26,401	-	6,26,401	8,88,887	-
166	High Energy and power density hybrid density hybrid supercapacitors for Grid scale energy storage	-	-	9,60,000	1,075	9,61,075	50,374	8,48,226	-	8,98,600	62,475	-
167	Time and motion study of MGNREGA in Himachal Pradesh	-	-	5,00,000	6,083	5,06,083	-	1,52,393	-	1,52,393	3,53,690	-
168	Study and research on cultural heritage Primogeniture in the cold deseart of indian himalayan region. A fading reality	-	-	2,50,000	356	2,50,356	-	2,29,634	-	2,29,634	20,722	-
169		-	-	7,50,000	10,037	7,60,037	-	1,76,469	-	1,76,469	5,83,568	-
170	Deployment of sensors for landslide monitoring and early warning	-	-	8,08,650	5,124	8,13,774	-	5,17,707	-	5,17,707	2,96,067	-
171	Design and implementation of a cyber-physical system for high through put phenotyping & real time management of crops in the himalayan region	-	-	10,00,000	4,794	10,04,794	4,37,293	4,18,634	-	8,55,927	1,48,867	-
172	Translational research on cell-free DNA (cf-DNA) sensing pathways for early diagnosis and development of biomarker for sepsis	-	-	9,60,000	2,764	9,62,764	-	8,02,072	-	8,02,072	1,60,692	
173	Papping cellular metabolism of agricultural and industrial relevant Xanthomonas spp	-	-	9,60,000	370	9,60,370	1,22,500	8,16,364	-	9,38,864	21,506	-
174	Development of an efficient numerical method for solving stochastic partial differential equation and its application to turbulent flow analysis	-	-	9,35,039	4,448	9,39,487	3,90,993	3,15,837	-	7,06,830	2,32,657	-
175	FIST Engineering and Technology level-FIST project	-	-	1,25,00,000	2,18,338	1,27,18,338	-	23,520	-	23,520	1,26,94,818	-
176	Organic-Inorganic hybrids for Photochromic photocatalytic and antioxidant applications	-	-	18,81,500	22,119	19,03,619	-	6,17,529	-	6,17,529	12,86,090	-
177	Study of standard noncommuting and commuting dilations of commuting tuples	-	-	15,38,755	24,938	15,63,693	1,97,988	94,334	-	2,92,322	12,71,371	-
178	Curve crossing problems. Semi-analytical method for arbitrary coupling	-	-	2,49,833	2,731	2,52,564	49,997	43,779	-	93,776	1,58,788	-
179	Study of vector- borne diseases under the influence of environmental pollution	-	-	8,76,053	9,696	8,85,749	2,00,000	1,22,000	-	3,22,000	5,63,749	-
180	Role of micro RNAs controlled by emvc and Bmi1 in human glioma stem cells	-	-	25,82,350	16,680	25,99,030	8,43,872	7,85,313	-	16,29,185	9,69,845	-

Sr. No.	Name of the Project	Unutilised Grant as on 31.03.2018 (₹)	Receivable Grant as on 31.03.2018 (₹)	Grant in Aid Received 2018-19 (₹)	Interest 2018-19 (₹)	Total (₹)	Grant in aid Capital Expenditure (₹)	Revenue Expenditure (₹)	Grant Refund (₹)	Total Expenditure (₹)	Unutilised Grant as on 31.03.2019 (₹)	Receivable Grant as on 31.03.2019 (₹)
181	Efficient removal of most penetrating particles (dia 350 nm) from air/ water using supersonically blown ultrafine PVDf nanofibers	-	-	32,78,280	42,266	33,20,546	3,72,625	4,90,448	-	8,63,073	24,57,473	-
182	Uplifting hilly livelihood through the eco-friendly utilization of lantana weed	-	-	12,51,642	19,524	12,71,166	-	1,35,996	-	1,35,996	11,35,170	-
183	FIST for improvement of S & T infrastructure FIST project	-	-	90,00,000	1,57,500	91,57,500	-	-	-	-	91,57,500	-
184	Design and fabrication of an interface ASIC for a vibratory gyroscope sensor application	-	-	32,88,000	53,733	33,41,733	-	2,17,533	-	2,17,533	31,24,200	-
185	Understanding the role of miRNAs and pattern recognition receptors mediated modulation of innate immune cells in neurocysticercosis	-	-	21,41,950	14,773	21,56,723	2,06,850	10,90,945	-	12,97,795	8,58,928	-
186	Development of decision support systems integrating parallel adaptive heruristic algorithms of large- scale multi- objective optimization problems for socio- economic and environmental planning	-	-	13,21,200	21,494	13,42,694	-	93,000	-	93,000	12,49,694	-
187	Treatment of acid mine drainage for heavy metal removal	-	-	16,02,000	23,731	16,25,731	33,605	2,12,314	-	2,45,919	13,79,812	-
188	Water and energy efficient reliable irrigation system (watEr-ERIS)- Solar energy and cloud-based decision support systems for automated irrigation system	-	-	46,22,000	76,670	46,98,670	-	2,40,880	-	2,40,880	44,57,790	-
189	Point of care monitoring of neuro vascular interaction (Especially inverse neurovascular coupling) during spreading depolarization s in brain trauma using simultaneous recording of EEG & NIRS	-	-	17,36,000	29,680	17,65,680	-	40,000	-	40,000	17,25,680	-
190	Developing a sensor based real time river flow monitoring framework for forecasting flash floods	-	-	2,75,000	4,122	2,79,122	19,431	20,000	-	39,431	2,39,691	-
191	Low cost ferroelectric material based technology to combat microbial resistance and prevention	-	-	10,93,500	16,949	11,10,449	-	1,56,000	-	1,56,000	9,54,449	-
192	Development and deployment of low-cost lanslide monitoring & waring system in District - Sirmour (H.P.)	-	-	1,60,600	2,498	1,63,098	-	17,845	-	17,845	1,45,253	-
193	Exciton manipulation in layered dichalcogenides- group II-VI semiconductor nanostructured materials	-	-	9,60,000	13,331	9,73,331	-	1,98,214	-	1,98,214	7,75,117	-
194	Implications of disordered regions in Zika virus capsid folding and functions	-	-	25,69,600	41,468	26,11,068	-	2,00,000	-	2,00,000	24,11,068	-
195	Study the dynamical evolution of spin and valley related many particle electronic states in two dimensional transition metal dichalcogenides using ultrafast time- resolved spectroscopy	-	-	20,16,000	33,425	20,49,425	-	1,06,000	-	1,06,000	19,43,425	-
196	Large unit cell materials with intrinsically low thermal conductivity for thermoelectric application	-	-	32,50,800	54,390	33,05,190	-	1,42,800	-	1,42,800	31,62,390	-
197	Socio-economic profile of tribes of Himachal Pradesh	-	-	4,00,000	7,000	4,07,000	-	-	-	-	4,07,000	-
198	Development of high accuracy of high machine learning diagnostics for pest and disease management for agricultural crops	-	-	1,00,000	1,750	1,01,750	-	-	-	-	1,01,750	-
199	The role of ectopic liver derived systemic factors in regulating beta cell function	-	-	20,71,000	34,493	21,05,493	-	1,00,000	-	1,00,000	20,05,493	-

Sr. No.	Name of the Project	Unutilised Grant as on 31.03.2018 (₹)	Receivable Grant as on 31.03.2018 (₹)	Grant in Aid Received 2018-19 (₹)	Interest 2018-19 (₹)	Total (₹)	Grant in aid Capital Expenditure (₹)	Revenue Expenditure (₹)	Grant Refund (₹)	Total Expenditure (₹)	Unutilised Grant as on 31.03.2019 (₹)	Receivable Grant as on 31.03.2019 (₹)
200	POWER Platform for open WLAN experimentation and research	-	-	39,11,000	68,443	39,79,443	-	-	-	-	39,79,443	-
201	Tailoring the nanoscale properties of graphene and its derivatives via strain engineering for next-generation nanoelectronics devices	-	-	28,80,000	50,400	29,30,400	-	-	-	-	29,30,400	-
202	Vibration based health monitoring of tensegrity structures incorporating and effects of ambient temprature	-	-	20,91,070	36,594	21,27,664	-	-	-	-	21,27,664	-
203	Low-Temperature Epitaxial Growth of High Mobility Ge1-xSnx Chennel material for "Pt/TiN/high-k/GeOXNY/Ge1-XSnX/Ge/Si" Transistor to the integration of Next Generation CMOS and Optoelectroncis Devices on Cost effective Si Platform	-	-	3,28,907	5,756	3,34,663	-	-	-	-	3,34,663	-
204	SERB PROJECT of Dr. Kasiviswanath	-	-	10,00,000	17,500	10,17,500	-	-	-	-	10,17,500	-
205	BMBF	-	-	20,28,600	35,501	20,64,101	-	-	-	-	20,64,101	-
206	Proof checking of the two railway flyover bridges design for PWD (B&R) Haryana	-	-	1,50,000	94	1,50,094	-	1,44,616	-	1,44,616	5,478	-
207	Site visit of JNV's for 3rd party inspection to ensure quality / structure soundness of the buildings at Mandi and Chamba	-	-	1,82,000	-	1,82,000	-	1,82,000	-	1,82,000	-	-
208	Channelization of skodi khad between the new bridge to suhara Muhalla bridge	-	-	4,29,000	494	4,29,494	-	4,00,750	-	4,00,750	28,744	-
209	Structural analysis and design of the administrative block for ATARI executive Engineer PCD-1 CPWD, Pune MH	-	-	2,15,628	-	2,15,628	-	2,15,628	-	2,15,628	-	-
210	Structure design of retaining walls at proposed sites of warehouses at Palampur, Mandi & Reckong Peo (H.P.)	-	-	10,79,000	5,456	10,84,456	-	7,67,231	-	7,67,231	3,17,225	-
211	Vetting of structural design and drawings of kendriya vidyalaya building at Saloh (H.P.)	-	-	1,56,000	175	1,56,175	-	1,46,000	-	1,46,000	10,175	-
212	Turbo encoder/decoder IP core for OFDM transceiver	-	-	3,06,000	-	3,06,000	-	3,06,000	-	3,06,000	-	-
213	Professional inputs for strengthening of a weir and retrofitting of a pump-house	-	-	67,600	910	68,510	-	15,600	-	15,600	52,910	-
214	Battery sizing for load smoothening of a DG plant	-	-	35,100	614	35,714	-	-	-	-	35,714	-
215	Vetting of the structural design of avalanche protection wall for Manali/ Sarchu road in Himachal Pradesh	-	-	2,60,000	4,550	2,64,550	-	-	-	-	2,64,550	-
	TOTAL(₹)	**13,15,20,968**	**17,29,427**	**14,24,41,175**	**28,19,008**	**27,50,51,724**	**3,16,79,988**	**8,17,06,923**	**20,44,577**	**11,33,86,911**	**16,24,02,496**	**27,82,260**



Indian
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RECEIPTS AND PAYMENTS ACCOUNTS

FOR

THE FINANCIAL YEAR, 2018-19

INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND, MANDI H.P. - 175005
RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2019

RECEIPTS	AMOUNT (₹)	AMOUNT (₹)	PAYMENTS	AMOUNT (₹)	AMOUNT (₹)
OPENING BALANCE:			**EXPENSES:**		
SBI Mandi - Main A/c No 31310230679	89,73,97,936		Purchase of Fixed Assets		2,02,28,26,325
PNB FLC A/c No 3377000400006835	27,09,07,924		Academics & Others Edu Expenses		15,61,07,470
SBI Mandi FLC Account	2,78,40,124				
SBI Mandi Fee Collection Account	6,31,472		Adminstrative & Other Expenses		7,25,10,548
SBI JEE Cell Account	23,63,647	1,19,91,41,103			
RECEIPTS:			Establishiment Expenses		34,15,43,653
Grant Received from MHRD		57,49,00,000	Transportation		1,60,58,356
Academic/Educational		1,02,71,868	Repair & Maintaince		1,72,44,200
Interest Received		3,55,60,475	Finance Cost		11,57,316
Others Misc Receipts		2,46,71,754			
Decrease in Current Assets		67,18,95,105			
Decrease in Stock		2,47,440			
Increase in Current liabilities		18,24,31,601	Payment to SRIC Fund		1,15,90,111
Sale of Fixed Assets		33,290			
Loan from HEFA		30,00,00,000			
			CLOSING BANK BALANCE:		
			SBI Mandi - Main A/c No 31310230679	1,60,05,167	
			PNB FLC A/c No 3377000400006835	8,04,02,384	
			SBI Mandi FLC Account	8,98,636	
			SBI Mandi Fee Collection Account	66,09,314	
			SBI Online Account	4,388	
			Canra Bank Escrow account No. 3	13,75,00,000	
			Canra Bank Escrow account No. 4	2,99,00,000	
			SBI JEE Cell Account	29,60,231	
			SBI Grant Account	8,58,34,537	36,01,14,657
TOTAL		**2,99,91,52,636**	**TOTAL**		**2,99,91,52,636**

(S.K.SONI)
F.C.A / DISA [ICAI]
INTERNAL AUDITOR

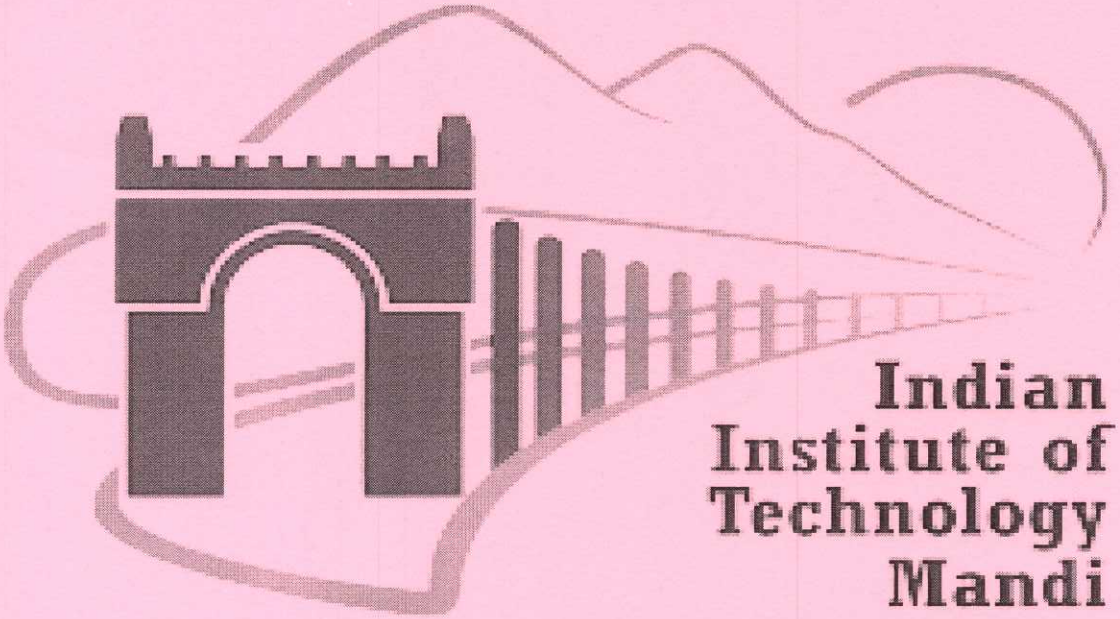
(Prof. SUBRATA GHOSH)
Dean (F&A)

(C.L. SHARMA)
A.R. (Audit & Accounts)

(Prof. T.A. GONSALVES)
Director

(J.R. SHARMA)
Finance & Accounts Officer

CHAIRMAN
Board of Governors



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SIGNIFICANT ACCOUNTING POLICIES
&
NOTES ON ACCOUNTS FOR THE FINANCIAL YEAR 2018-19

INDIAN INSTITUTE OF TECHNOLOGY MANDI,KAMAND
(HIMACHAL PRADESH)

Schedule XX : SIGNIFICANT ACCOUNTING POLICIES, CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS FOR THE YEAR ENDING 31ST MARCH, 2019

Sr. No		PARTICULARS
A	**Significant Accounting Policies**	
1.	Basis for preparation of accounts	The financial statements are prepared on the basis of Historical Cost Convention and generally on the Accrual basis of accounting unless or otherwise stated.
2.	**REVENUE RECOGNITION**	
	2.1	a) The Student Fee (except Tuition Fee) has been accounted for on accrual basis. As per decision taken by Board of Governors, the tuition fee for 2014-15 onward for five years is to be treated as part of Corpus fund. In view of the same the tuition fee of the current year has been transferred to Corpus Fund . b) The interest earned, overhead charges and other receipts pertaining to Earmarked funds have been credited to respective funds
	2.2	The interest on savings Bank Account and other income has been accounted for on cash basis.
	2.3	Interest on investments in term deposits is accounted for on accrual basis.

3. FIXED ASSETS & DEPRECIATION

3.1 Fixed assets are stated at cost of acquisition less accumulated depreciation thereon. The cost includes inward freight, duties, taxes & other directly attributable expenses related to their acquisition, installation & commissioning.

3.2 Intangible assets like e-journals are recorded at their cost of acquisition and capitalized in view of the magnitude of expenditure & the benefits derived in terms of perpetual knowledge acquired by Faculty/Students, besides availability of the Data in the form of DVD/CD for future reference.

3.3 i) Depreciation on Fixed assets has been provided on straight line method on the following rates during the year . However upto financial year 2017.18 , the depreciation was being provided on WDV bases at the rates prescribed under the Income Tax Act, 1961. Thus there is a change in the rates as well in the method for providing depreciation in the current year. The affect on the accounts due to change could not be ascertained. The rates under both methods are given hereunder :

Sr. No.	Tangible Assets	Percentage current year (straight line method)	Percentage Previous year (WDV bases)
1	Land	0%	0%
2.	Sight Development	0%	0%
3.	Buildings	2%	5%
4.	Road and Bridges	2%	5%
5.	Tube wells and Water Supply	2%	15%
6.	Sewerage & Drainage	2%	5%
7.	Electrical Installation and Equipment	5%	15%
8.	Solar Fitting	5%	40%
9.	Scientific & Laboratory Equipments	8%	15%
10.	Office Equipment	7.5%	15%
11.	Audio Visual Equipment	7.5%	15%
12.	Computer and Peripherals	20%	40%
13.	Motor Vehicles	10%	15%
14.	Furniture, Fixtures & Fittings	7.5%	10%

		15.	Library Books and Scientific Journals	10%	40%
			Intangible Assets		
		1.	Computer Software	40%	40%
		2.	E- Journals	40%	40%
		ii) The depreciation has been provided for full year on the additions made during the year irrespective of the date of addition.			
		iii) Where an asset is fully depreciated, it will be carried at a residual value of Rs. 1.00 in the Balance sheet and will not be further depreciated.			
		iv) Assets having an the individual value of Rs. 2000.00 or less (except library books) are treated as small value assets , 100% depreciation is provided in respect of such assets at the time of their acquisition. However, physical accounting and control are continued by the Institute .			
		v) a) The e- Journals and Computer Software are grouped under Intangible Assets.			
		b The e- journals are separated from the library books in view of the limited benefit that could be derived from the on line access provided. These are not in tangible form and due to its limited use by Academics and research scholars the depreciation is provided at a higher rate of 40% as against depreciation of 10% provided on library books.			
		c The software have been separated form computers and peripherals , and the rate of obsolescence is very high hence the depreciation is provided in respect of software at a higher rate of 40% as against depreciation of 20% provided on Computers.			
		d The assets created out of grant received from DST/Other Agencies in Research Projects , have been considered as the property of the Institute irrespective of any stipulation by the sponsors regarding their ownership . However, while disposing off any asset out of such assets , the necessary procedure is followed as required by the sponsors.			
3.4		The contract for construction of buildings have been awarded cluster wise and not for individual building hence to have better control the cost of completed building have been capitalized on the bases of annual utilization certificates / information			

		provided by various executing agencies at the end of the year instead individual asset/ building and the depreciation has been charged on the bases of date of completion.
4.	**CAPITAL WORKS IN PROGRESS**	
	4.1	Deposit works are accounted for as Capital Works in Progress on the basis of statements of account received from the executing Agency from time to time till the completion of the work. Running bills of contractors are also similarly accounted for as capital works in progress till completion.
	4.2	Other Fixed assets acquired & pending installation/commissioning are shown as Capital Works-in-Progress
	4.3	On completion of construction works or on commissioning of other assets, the completion values are transferred to the respective Asset heads from capital works in progress.
	4.4	No depreciation is charged on capital works in progress.
5.	**INVENTORIES/STOCKS**	Expenditure on purchase of chemicals, glass wares, publications, stationery & other stores was accounted for as revenue expenditure. The value e of closing stock to the extent provided by the concerned department has been reduced from the revenue expenditure and shown as such in the income and expenditure account and balance sheet. The stocks are valued at cost.
6.	**RETIREMENT BENEFITS:**	
	6.1	The Provision for leave encashment has been made on the basis of earned leave outstanding in the credit of the employees as on 31.03.2019 and Gratuity is also provided considering the gratuity payable as on 31.3.2019. The contribution to new pension scheme, Medical and LTC to home town are accounted for on accrual basis. The provision for retirement pension contribution where ever applicable has been made.
	6.2	In case of employees on deputation, the retirement benefits are provided on basis of information provided by the parent department.

7.	**CORPUS FUND**	The balance of fund is represented by balance in a Separate Bank Account, investments and accrued interest on investments.
8.	**GOVERNMENT GRANTS**	
	8.1	The amount received from Ministry of Human Resources Development was accounted for on the basis of sanction/ receipt and was kept under the head Capital Fund .However from 2017.18 onward the grants received for revenue expenditure have been directly taken under the head Income in the Income and expenditure Account.
	8.2	Out of the Capital Fund certain amount is transferred to Sponsored Research Industrial Consultancy Fund on the basis of approved Projects.
	8.3	The excess of expenditure over income is met out of Capital Fund
	Earmarked / Endowment fund	Unutilized grants are carried forward & exhibited as a liability in the Balance Sheet in case of Sponsored Research Industrial Consultancy fund and other earmarked funds. In case where the expenditure incurred in excess of the amount received, has been reflected as Grant Receivable. The assets created out of Earmarked funds where the ownership vests in the institution are merged with the assets of the Institution by crediting an equal amount to the Capital Fund
	8.5	The interest earned against various grants is considered part of the concerned grant.
	8.6	Certain Sponsored Research Projects have been completed . However , the matter regarding refund of balance amounts is under settlement with the sponsoring agencies. The final adjustment will be made in the books of accounts only after final decision .
9.	**FOREIGN CURRENCY TRANSACTIONS:**	
	9.1	Foreign Currency Transactions are accounted for at the rate of exchange prevailing

		on the dates of such transactions generally.
	9.2	Foreign currency monetary items (liabilities and Assets) appearing in the Balance Sheet are converted using the rates of exchange on the date of actual transaction.
10.	**STALE CHEQUES:**	Cheques issued by the Institute but not presented to the Bank upto 3 months from the date of the cheque, are treated as stale cheques and transferred to current liabilities under the head Stale Cheques . Fresh cheques issued thereafter, are debited to stale cheques Account. If fresh cheques are not claimed even after 3 years from the original date of the cheque, the amount involved is credited to Miscellaneous income by debit to stale cheques account.
11.	**LIABILITIES/PROVISIONS NO LONGER REQUIRED**	Liabilities/Provisions outstanding which are no longer required as on the date of Balance Sheet are written back. Claims against such provisions, if any, arising thereafter, are charged off in the year of claim.
12.	**INCOME TAX**	The Institute is exempt from Income Tax under Section 10 (23C(iiiab) of Income Tax Act 1961. In view of the same the provision for Income Tax has not been made in accounts.
13.	**TAKSHILA SCHOOL**	The Institute is running a school in IIT Campus to facilitate the studies of children of faculty and staff. The grants are released by the Institute to meet out the capital as well as revenue expenditure and booked as expenditure on the bases of utilization certificates from the management. The finalization of accounts of the school are under progress and the same will be incorporated as and when the exercise is completed.
14.	**LOAN FROM HEFA**	A term loan of Rs. 275.00 crore has been sanctioned by HEFA for acquire/ construction of various assets . Out of this the Institute has availed a loan of Rs. 30.00 crores during the year. As per terms and conditions the interest on such loan is to be borne by the MHRD and 75% of repayment of loans will also be made out of the funds received from MHRD for this purpose. In view of this the grant received of Rs.132760274.00 after setting off the interest for the year has been shown as current liability.
15.	**RENT OF INSTITUTE PREMISES**	The Institute has provided premises to Punjab National Bank and State Bank of India in the Campus since earlier years. However the terms and conditions regarding rent have not yet been settled. The adhoc payments received on this

		account has been considered as income. The matter is under negotiation and the difference amount will be accounted for at the time of final settlement.

B **Contingent Liabilities**

Sr. No	Particular	CY	PY
i)	Claims against the entities not acknowledged as debts	Nil	Nil
ii)	**In respect of :** Bank Guarantees given by/on behalf of the entity Bill discounted with Banks Letter of Credit Opened by bank on behalf of the entity	 Nil Nil	 Nil Nil
iii)	**Disputed demand in respect of** : Income Tax Municipal Taxes Sales tax	 Nil Nil Nil	 Nil Nil Nil
iv)	In respect of Claims from parties for non execution of orders but contested by the entity	Nil	Nil

	CAPITAL COMMITMENTS	Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances)	Rs.315.00Crore	Rs.293.95 Crore
	LEASING OBLIGATIONS	Future obligations for rental under finance lease agreement for plant and machinery	Rs. Nil	Rs. Nil
C	**NOTES TO ACCOUNTS**			
1	**CURRENT ASSETS,**			

	LOANS AND ADVANCES	In the opinion of the management the current assets, loans and advances of the Institute have a realizable value in the ordinary course, at least to the extent shown in the Accounts Subject to the above notes and the provisions for liabilities are adequate.		
2	**FIXED ASSETS IN RESPECT OF SIRC FUNDS**	The fixed assets purchased against above grants, the corresponding amounts have been credited to Capital fund and the depreciation has been provided at the rates and in the manner as applicable to other assets.		
3.i		Previous year's figures are re-grouped and rearranged wherever required.		
3.ii		There are no Non plan receipts or payment during the year hence the same may be considered as Nil.		
3.iii		Schedules 1 to 20 form an integral part of the accounts and have been duly authenticated.		
3.iv		Balance of Debtors/Creditors/ Security deposits are subject to confirmation from the respective parties. The figures have been rounded off to the nearest rupee.		
4	**FOREIGN CURRENCY TRANSACTIONS**	**Value of Imports calculated on CIF basis**	**Current year**	**Previous year**
		- Laboratory Equipments	635.01Lacs	633.22Lacs
		- Stores, Spares and Consumables	23.59 Lacs	67.47 lacs
		- E-Books/Journals	324.95 Lacs	294.54 lacs
	Expenditure in foreign Currency	- Travel	95.19 Lacs	76.28 Lacs
		- Remittances and Interest payment to Financial Institutions / Banks in Foreign Currency	0.00	0.00

		-Other Expenditure Commission on Sales Legal and Professional Expenses Misc. Expenses	8.10 Lacs	8.19 lacs
	Earnings	Value of Exports on FOB basis	0.00	0.00
5.	**Remuneration to auditors**	As Auditors -Taxation matters -For Management services -For certification	1.50 lacs ------ ------ 1.50 Lacs	0.50 lacs ------ ------ 0.50 Lacs
		Others	0.00	0.00

(S.K.SONI)
FCA,DISA(ICAI)
Internal Auditor

(C.L.SHARMA)
A.R. (Audit & Accounts)

(J.R. SHARMA)
Finance & Accounts Officer

(Dr.SUBRATA GHOSH
Dean (F&A) I/c

(Prof. T.A. GONSALVES)
Director

CHAIRMAN
Board Of Governors

Indian Institute of Technology Mandi

VISION

To be a leader in science and technology education, knowledge creation and innovation, in an India marching towards a just, inclusive and sustainable society

MISSION

1. To create knowledge through team effort and individually for the benefit of society.
2. To impart education to produce professionals capable of leading efforts towards innovative products and processes for the development of the Himalayan region in particulars and our country and humanity in general.
3. To inculcate a spirit of entrepreneurship and to impart the ability to devise globally recognized solutions for the problems of society and industry, particularly in the fragile eco-system of the Himalayas.
4. To train teachers capable of inspiring the next generation of engineers, scientists and researchers.
5. To work intensely with industry in pursuit of the above goals of education and research, leading to the development of cutting edge and commercially-viable technologies.
6. To operate in an ambience marked by overriding respect for ability and merit.