

**Audited Statements of Accounts**  
**2017 – 2018**

# K. SHARMA & CO.

CHARTERED ACCOUNTANTS

## INDEPENDENT AUDITORS' REPORT TO THE MANAGEMENT OF SAHA INSTITUTE OF NUCLEAR PHYSICS

### 1. Report of the Financial Statements

We have audited the accompanying financial statements of SAHA INSTITUTE OF NUCLEAR PHYSICS, which comprise the Balance Sheet as at March 31, 2018 and the Income & Expenditure Account and Receipts & Payments Account for the year ended, and a Summary of significant accounting policies and other explanatory information.

### 2. Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance of the Institute in accordance with the generally accepted accounting practices followed in India. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatements, whether due to fraud or error.

### 3. Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conduct our audit in accordance with the Standard in Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Institute's preparation and fair representation to the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis of our audit opinion.

### 4. Opinion

- a) Management has started maintaining Fixed Assets Register from 2002-03 to 2017-18. All columns of the Fixed Assets Register has not been filled e.g. date of installation, identification, location etc. Furthermore there is no column for depreciation. The proper record is not maintained. There has been addition of Fixed Assets valued at Rs.17,62,22,384/- during the year. Proper record for Disposal of Assets should be maintained. Memorandum Book should be maintained for movement of Assets used for outside projects. Physical verification of Fixed Assets has not been done, In view of the forgoing comments, it is not possible to opine on correctness or otherwise of the Fixed Assets.
- b) Miscellaneous Advance: The balance in Miscellaneous Advance of 13.43 lacs in 2016-17 has come down to Rs.4.22 lacs in 2017-18, includes some of the advances which are more than 10 years old. Efforts should be made to adjust very old balances.
- c) Advance to suppliers includes advance of Rs.44,269/- to foreign suppliers which are more than five years old should be adjusted.



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# K. SHARMA & CO.

CHARTERED ACCOUNTANTS

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- d) Medical Advance are outstanding beyond 6 month are stated to be due to death / dispute of successor.
- e) Books and periodicals were last verified in 2014. Usually physical verification is done once in every three years. In 2018 no verification was done. However, it is now being done and stated to be completed soon.
- f) Substantial amount is recoverable from sponsors of project. Such recoverable includes 28 projects sponsored by CSIR, DST, UGC, DAE. The value of which is 1.26 crores approx. Efforts should be made to realise the same.
- g) Unspent grants under current liabilities for ongoing projects remained static / unadjusted for 3 years or more. Necessary steps to be taken to adjust the same.
- h) We refer to the Accounting Policy No.11 wherein the deficit in Income & Expenditure Account has been separately shown as debit balance in Asset side. This is a deviation from the prevailing practice. Had this been adjusted against Corpus Fund. It should have shown a negative balance of Rs.1,67,49,15,403.00.
- i) Balance confirmation should be taken from the parties for Security Deposit, Electricity Deposit, Cylinder Deposit, Service station etc. every year.

Subject to the above observations in our opinion and to the best of our information and according to the explanations given to us, the financial statements give a true and fair view in conformity with the accounting principles generally accepted in India.

- i) In case of the Balance Sheet of the State of affairs of the SAHA INSTITUTE OF NUCLEAR PHYSICS as at 31st March, 2018.
- ii) In the case of Income & Expenditure Account, of the deficit for the year ended on that date.
- iii) In the case of the Receipt & Payments Account, of the transactions during the year ended on that date.

For K. Sharma & Co.  
Chartered Accountants  
FRN 302045E



(K.K. Sharma)  
Partner

Membership No.005313

Place : Kolkata  
Date : 12<sup>th</sup> September, 2018

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# K. SHARMA & CO.

CHARTERED ACCOUNTANTS

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## REPORT ON OTHER LEGAL AND REGULATORY REQUIREMENTS

As required on the above matters, we report that:

- a) We have sought and obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit.
- b) In our opinion proper books of accounts as required by law have been kept by Institute so far as appears from our examination of those books.
- c) The Balance Sheet and the statements of Income and Expenditure dealt with by this report are in agreement with the books of account.

For K. Sharma & Co.  
Chartered Accountants  
FRN 302045E



(K. K. Sharma)  
Partner

Membership No.005313

Place : Kolkata

Date : 12<sup>th</sup> September, 2018

SAHA INSTITUTE OF NUCLEAR PHYSICS

Balance Sheet as at 31st March, 2018

<u>CAPITAL FUND &amp; LIABILITIES</u>	<u>Schedule</u>	<u>2017-18</u>	<u>2016-17</u>
CORPUS / CAPITAL FUND	1	494507842.23	387790058.56
RESERVE & SURPLUS	2		
EARMARKED FUNDS / ENDOWMENT FUNDS	3	5313867.00	5917372.00
SECURED LOANS & BORROWINGS	4		
UNSECURED LOANS & BORROWINGS	5		
DEFERRED CREDIT LIABILITIES	6		
CURRENT LIABILITIES AND PROVISIONS	7	4462091168.16	2963681313.12
<b>TOTAL</b>		<b>4961912877.39</b>	<b>3357388743.68</b>
<u>ASSETS</u>			
FIXED ASSETS			
Gross Block	8	4353315463.51	4178299888.84
Less : Accumulated Depreciation	8	2681580108.13	2502123858.55
		1671735355.38	1676176030.29
INVESTMENTS- FROM EARMARKED/ ENDOWMENT FUNDS	9		
INVESTMENTS- OTHERS	10	173064196.00	593000.00
CURRENT ASSETS, LOANS & ADVANCES	11	817262232.11	1055684023.07
EXCESS OF EXPENDITURE OVER INCOME		2299851093.90	624935690.32
<b>TOTAL</b>		<b>4961912877.39</b>	<b>3357388743.68</b>
SIGNIFICANT ACCOUNTING POLICES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

The Schedules referred to above form part of these Accounts

  
( V. P. Mishra )  
Accounts Officer

  
( N. Sanyal )  
Dy. Controller of Accounts

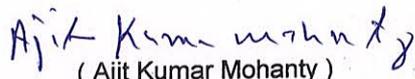
  
( Anirban Banerjee )  
Registrar

In terms of our attached Report of even date  
For K. Sharma & Co  
Chartered Accountants  
FRN 302045E

  
(K. K. Sharma )  
Partner

Membership No. 005313  
1/B, Old Post Office Street, Room No.8, (First Floor),  
Kolkata - 700 001  
Dated :- 12/09/2018



  
( Ajit Kumar Mohanty )  
Director

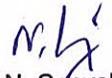
SAHA INSTITUTE OF NUCLEAR PHYSICS

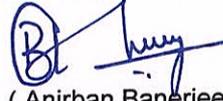
Income & Expenditure Account for the year ended 31st March, 2018

	<u>Schedule</u>	<u>2017-18</u>	<u>2016-17</u>
<b>INCOME :-</b>			
Income from Sales/Services	12	314745.00	377600.00
Grants	13	1240738981.10	1005597579.37
Fees / Subscriptions	14		
Income from Investments	15		
Income from Royalty, Publication	16		
Interest Earned	17	0.00	5811907.00
Other Income	18	14542727.00	5460529.32
Increase / Decrease in stock of finished goods and works-in-progress	19		
Excess of Expenditure over Income transferred to Balance Sheet		1674915403.58	624935690.31
		<u>2930511856.68</u>	<u>1642183306.00</u>
<b>EXPENDITURE :-</b>			
Establishment Expenses	20	2494595744.16	1193448756.00
Other Administrative Expenses	21	256235332.82	265676308.59
Expenditure on Grants, Subsidies	22		
Interest	23	7963.12	19774.10
Depreciation	8	179672816.58	183038467.31
Excess of Income over Expenditure transferred to Balance Sheet		2930511856.68	1642183306.00

The Schedules referred to above form part of these Accounts

  
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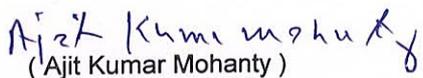
  
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Dated :-12/09/2018



  
(Ajit Kumar Mohanty )  
Director

**SAHA INSTITUTE OF NUCLEAR PHYSICS**

Receipts & Payments Account for the year ended 31st March, 2018

	2016-17	2017-18	2016-17	2017-18
	Receipts		Payments	
Opening Balance b/f :-				
Cash in hand	16,82,322.00	90.00	68,19,74,527.00	1,00,10,22,773.16
Current Account Balances	49,31,23,982.18	47,48,85,271.52	26,30,15,206.59	25,49,71,738.82
Grant-in-aid received from DAE :-			19,774.10	7,963.12
Recurring			7,11,76,777.93	17,50,15,574.67
Non-Recurring				17,16,07,316.00
Grant received from other agencies for on going projects	88,51,08,000.00	1,16,56,00,000.00	4,21,04,617.17	3,99,94,747.19
HBA & Other Advance recovery	30,00,00,000.00	16,57,00,000.00	9,35,807.00	5,15,000.00
Realisation of Margin Money Deposit	2,78,62,450.81	3,08,06,379.00	23,62,54,172.00	9,87,60,352.00
Realisation from other Deposits	35,29,679.00	26,24,766.00	6,65,08,000.00	7,000.00
Realisation of other advances	10,33,84,216.00	16,76,66,844.00	2,25,95,171.73	2,11,94,210.00
Interest Received	29,17,000.00	2,55,500.00	39,70,346.00	38,56,875.00
Income Receipts	2,06,18,629.73	2,54,90,433.66		58,11,907.00
Liabilities (Deposits)	58,11,907.00			
Pension Fund Receipts	58,38,129.32	1,48,57,472.00		
	1,35,63,445.00	3,40,90,495.00	47,48,85,271.52	31,05,12,088.22
		13,00,324.00		
		<u>2,08,32,77,575.18</u>		
			<u>1,86,34,39,761.04</u>	<u>2,08,32,77,575.18</u>

*V. P. Mishra*  
(V. P. Mishra)  
Accounts Officer

*N. Sanyal*  
(N. Sanyal)  
Dy. Controller of Accounts

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In terms of our attached Report of even date  
For K. Sharma & Co  
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Dated :- 12/09/2018



SAHA INSTITUTE OF NUCLEAR PHYSICS

	<u>2017-18</u>	<u>2016-17</u>
<b>Schedule : 1 Corpus / Capital Fund</b>		
Opening Balance (DAE) as on 1st April, 2017	38,77,90,058.56	18,43,52,025.63
Add: Non-Recurring (Plan) Grant utilised for Capital expenditure	5,32,33,505.96	18,62,20,859.08
Recurring (Non-Plan) Grant utilised for Capital expenditure	<u>5,34,84,277.71</u>	<u>1,72,17,173.85</u>
	10,67,17,783.67	20,34,38,032.93
	<u>49,45,07,842.23</u>	<u>38,77,90,058.56</u>
Balance of Capital Fund (DAE) as at year end	<u><u>49,45,07,842.23</u></u>	<u><u>38,77,90,058.56</u></u>
<b>Schedule : 2 Reserve &amp; Surplus</b>		
<b>Schedule : 3 Earmarked Funds</b>		
<b>A</b> A.P.Patra Memorial Prize Fund	63,287.00	62,255.00
New Pension Fund :-		
Employees' Subscription	1,61,991.00	1,61,991.00
Employer's Contribution	1,61,991.00	1,61,991.00
Interest received	2,37,946.00	2,37,946.00
	<u>6,25,215.00</u>	<u>6,24,183.00</u>
<b>B</b> Revolving Fund for HBA & Other Adv	-1,15,74,872.96	-89,81,000.96
Transfer from/ (to) Recurring Grant for HBA Fund	<u>-21,09,766.00</u>	<u>-25,93,872.00</u>
Interest received on HBA & Other Advances	1,83,73,290.96	1,68,68,061.96
	46,88,652.00	52,93,189.00
<b>Total</b>	<u><u>53,13,867.00</u></u>	<u><u>59,17,372.00</u></u>

**Schedule : 4 Secured Loans & Borrowings**

**Schedule : 5 Unsecured Loans & Borrowings**

**Schedule : 6 Deferred Credit Liabilities**

**Schedule : 7 Current Liabilities & Provisions**

**A. Current Liabilities**

**1 Unspent Grant from on going Projects**

	<u>2017-18</u>	<u>2016-17</u>
BARC- M. Nandy		1,47,043.00
CSIR- Consolidated Grant	8,80,005.18	8,80,005.18
CSIR- Avik Basu	2,34,822.00	2,34,822.00
CSIR- Bijoy Kr. Daga	54,221.00	54,221.00
		Contd.



SAHA INSTITUTE OF NUCLEAR PHYSICS

Schedule : 7 Current Liabilities & Provisions (Contd.)

	<u>2017-18</u>	<u>2016-17</u>
CSIR- Debabrata Ghose	72,910.00	72,910.00
CSIR- K. Chhabita Saha	1,01,729.00	1,01,729.00
CSIR- Kalipada Das	74,522.00	74,522.00
CSIR- Kallor Bera	54,738.00	54,738.00
CSIR- Madhumita Choudhury	38,679.00	38,679.00
CSIR- M. C. Kumar	1,41,222.00	1,41,222.00
CSIR- Moin Shaikh	25,210.00	25,210.00
CSIR- Mausumi Mondal	2,36,250.00	2,36,250.00
CSIR- Nabanita Deb	48,243.00	48,243.00
CSIR- Neha Rai	35,245.00	35,245.00
CSIR- Nupur Biswas	32,105.00	32,105.00
CSIR- Partha Sarthi Guin	53,489.00	53,489.00
CSIR- Piyashi Biswas	1,497.00	1,497.00
CSIR- Polash Banerjee	1,98,227.00	2,38,227.00
CSIR- Prithewish Dutta	77,645.00	77,645.00
CSIR- Rabindra Nath Bhowmick	1,01,570.00	1,01,570.00
CSIR- Rahul Banerjee	1,15,299.00	1,15,299.00
CSIR- Ramanuj Banerjee	1,53,558.00	1,53,558.00
CSIR- Rashika Gupta	13,315.00	
CSIR- Samanawaya Mukherjee	72.00	87,572.00
CSIR- Samsul Islam	7,463.00	2,65,833.00
CSIR- Samik Dutta Gupta	62,998.00	62,998.00
CSIR- Samir Nath Mallick	22,701.00	22,701.00
CSIR- Sanchayita Mondal	31,293.00	31,293.00
CSIR- Sanghamitra Raha	4,52,044.22	4,52,044.22
CSIR- Satyaki Chatterjee	995.00	995.00
CSIR- Sayantani Ghosh	49,175.00	49,175.00
CSIR- Sibnath Roy	46,570.00	46,570.00
CSIR- Sohan Kr. Jha	1,03,132.00	1,03,132.00
CSIR- Sourav Karar	2,01,795.00	2,01,795.00
CSIR- Souvik Mondal	66.00	66.00
CSIR- Sreeja Chakrabarti	69,608.00	69,608.00
CSIR- Sudha Bucha	50,981.00	50,981.00
CSIR- Sukanya Bhattacharya	1,35,305.00	3,19,771.00
CSIR- Ujjal Kr. Gayen	61,485.00	61,485.00
CSIR- Upala Mukhopadhyay	9,151.00	
DAE- BRANS- S. Chattopadhyay		20,00,000.00
DAE- RRF- Naba Kumar Mondal		5,10,000.00
DAE- Pijushpani Bhattacharjee	13,35,660.00	
DBT- Anindita Das	6,957.00	
DBT- Chandrima Das		3,09,349.00
DBT- Debashis Mukhopadhyay	4,54,626.00	5,00,000.00
DBT- Dulal Senapati	2,64,317.00	2,64,317.00
DBT- Nitaipada Bhattacharya - 3	70,576.00	70,576.00
DBT- Supriya Khanra	1,49,715.00	1,41,911.00
DRDO- Dulal Senapati	19,43,200.00	
DST-A.N.S. Iyengar		1,30,000.00
DST- Dalia Nayak		1,86,732.00
DST- Helium (Andaman)	7,96,836.36	7,96,836.36
DST- Helium (Brainstorming)	7,444.50	7,444.50
DST- Helium (Isotope)	6,83,526.79	6,83,526.79

Contd.



## SAHA INSTITUTE OF NUCLEAR PHYSICS

## Schedule : 7 Current Liabilities &amp; Provisions (Contd.)

	<u>2017-18</u>	<u>2016-17</u>
DST- HENPP (ALICE)	1,80,21,356.00	2,00,87,543.00
DST- HENPP- CMS	17,25,595.54	31,09,363.40
DST- ICONSAT-2003(MKS)		6,917.00
DST- ICTP ( Avijit Samanta)		10,746.00
DST- Indo-Italy(S R Krishna Menon)		82,138.00
DST- Indo-Russia (SL)		2,56,094.00
DST- Indranil Das	1,82,812.00	4,37,917.00
DST- INSPIRE- Madhurima Pandey	83.00	83.00
DST- INSPIRE- Sridhar Tripathy		91,853.00
DST- ISACST (Bikash Sinha)		46,750.00
DST- J.C.Bose Fellowship-BKC	4,43,451.31	8,904.60
DST- J.C.Bose Fellowship-MKS	1,05,844.00	4,47,146.00
DST- J.C.Bose Fellow (G. Bhattacharyya)	12,06,507.00	3,75,000.00
DST- J.C.Bose (Naba Kumar Mondal)	9,53,398.00	9,95,058.00
DST-MAP(PB)	79,99,119.65	79,99,119.65
DST- Papri Dasgupta 2		2,16,524.00
DST- P. Chakraborty	2,50,690.00	2,50,690.00
DST- P.M.G. Nambissan		30,000.00
DST- Rudranil Basu	2,51,067.00	13,70,947.00
DST- S. N. Mallick 2		1,31,742.00
DST- SERB-A.N.S. Iyenger-2	3,025.00	1,00,000.00
DST- SERB-Chandrima Das	7,19,378.30	8,68,583.00
DST- SERB-Chandrima Jash	1,41,697.00	4,23,548.00
DST- SERB- Dhrubojyoti Roy	1,10,319.00	2,68,379.00
DST- SERB- Haridas Pai	43,173.36	11,90,237.00
DST- SERB- H.Raghuraman	4,30,074.00	10,23,274.00
DST- SERB- Jadunath De	69,844.00	1,98,193.00
DST- SERB- Kaushik Dutta	1,25,297.63	68,554.63
DST- SERB- Kaushik Sengupta	9,91,440.00	5,02,653.00
DST- SERB- Lakshmi Maganti	45,598.00	
DST- SERB-Munmun Bardhan	3,02,461.09	6,95,067.79
DST- SERB- Nikhil Chakraborty	7,74,581.00	13,74,348.00
DST- SERB- Oishee Chakrabarti	5,41,261.00	11,00,000.00
DST- SERB- Radhey Shyam	2,446.00	1,99,984.00
DST- SERB- Rakesh Kr. Mishra	2,11,197.00	
DST- SERB- Sangram Bagh	3,88,523.00	1,77,397.00
DST- SERB- Sansa Dutta	5,67,500.00	1,50,000.00
DST- SERB- Shravanti Mukherjee	1,39,261.00	4,18,595.00
DST- SERB- S. K. Manna	3,68,502.00	5,49,123.00
DST- SERB- Siddhi Chaudhuri	3,01,358.00	
DST- SERB- Subrata Mondal	3,32,974.00	
DST- SERB- Udayaditya Sen	4,93,397.00	11,23,242.00
DST-Shrabana Chakraborty	1,26,751.00	1,87,046.00
DST- Sumana Roy	1,00,210.00	2,301.00
DST- UNANST (MKS)	1,63,80,794.47	1,68,86,215.47
EURO- INDIA - GRID	6,66,969.00	6,66,969.00
IFCPAR- Gautam Bhattacharya	6,75,884.00	4,79,729.00
IFCPAR- SB	2,11,328.00	2,11,328.00
IFCPAR- S. Mukhopadhyay	57,586.00	57,586.00
IUSSTF- MKS	43,652.00	3,09,909.00
INSA- Bilwagopal Ghosh	19,856.00	19,856.00
SINP-BARC	51,773.00	51,773.00
UGC- Abhishek Sau	1,444.00	2,515.00

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## SAHA INSTITUTE OF NUCLEAR PHYSICS

Schedule : 7 <u>Current Liabilities &amp; Provisions (Contd.)</u>	<u>2017-18</u>	<u>2016-17</u>
UGC- Anupa Majumdar		7,768.00
UGC- Avinanda Banerjee		90.00
UGC- Benazir Alam	13,673.00	1,006.00
UGC- Ch. Aminul Islam		9,375.00
UGC- Debdatta Mookherjee	14,769.00	2,103.00
UGC - Joy Chandran	15,386.00	15,386.00
UGC- Subhas Chandra Bera		7,496.00
UGC- Swadesh Mondal	96,158.00	1,10,372.00
UGC- Uttam Kr. Basak		9,375.00
W.B.S.T. Congress	54,047.00	54,047.00
Publication Grant for Works of Meghnad Saha	3,00,000.00	3,00,000.00
Stichtung Fund Research Grant	14,49,599.00	5,85,719.00
	<b><u>6,82,85,304.40</u></b>	<b><u>7,67,08,619.59</u></b>
<b>2 <u>Other Current Liabilities</u></b>		
Deposit Against House Allotment	5,000.00	
Earnest Money Deposit	80,80,527.00	46,03,430.00
Security Money Deposit	64,59,511.00	42,43,493.00
Retention Money Deposit	71,457.00	71,457.00
Income Tax deducted at source	54,51,203.00	37,30,847.00
Sales Tax deducted at source		2,56,832.00
Professional Tax	78,355.00	76,495.00
GPF Subscription	18,11,250.00	8,56,707.00
VPF Subscription	28,53,520.00	25,55,246.00
P.F. Loan Recovery	6,22,861.00	6,70,831.00
SINP Co-Operative	24,64,331.00	23,65,807.00
Life Insurance Premium	3,27,200.30	3,38,532.50
House Building Loan( Banks)	91,925.00	1,15,925.00
Recurring Grant (Salary) carried over	2,30,25,728.14	2,39,49,786.30
Recurring Grant (General) carried over	3,01,143.85	5,33,74,644.92
Non - Recurring Grant carried over	30,17,03,160.77	26,75,64,507.31
Unclaimed Medical Expenses	8,143.00	8,143.00
GSLIS Premium Recovery	38,640.00	40,540.00
GSLIS Maturity Claim	8,325.00	63,654.00
Salary Payable	5,62,12,009.70	2,37,95,425.50
Pension Payable	1,41,44,854.00	2,40,71,980.00
SINPEU- Members' Subscription	27,450.00	28,680.00
PM National Relife Fund	1,000.00	1,000.00
BARC- A/c Director, SINP	35,456.00	31,542.00
BARC- Co-Operative Dues Recovery	500.00	500.00
Misc. Recovery (Registrar)	3,65,189.00	13,349.00
Employee's Subs. to New Pension Fund Trust	6,50,162.00	
Employer's Subs. to New Pension Fund Trust	6,50,162.00	
Interest on Margin Money	15,22,348.00	
Interest on STD	13,54,856.00	
	<b><u>42,83,66,267.76</u></b>	<b><u>41,28,29,354.53</u></b>
<b>B. <u>Provisions</u></b>		
Provision for Electricity Charges	52,79,637.00	50,64,184.00
Provision for Audit Fees	15,000.00	15,000.00
Provision for Accrued Gratuity	25,57,01,701.00	19,18,49,899.00
Provision for Accrued Leave Encashment	20,72,09,503.00	19,23,84,706.00
Provision for Accrued Pension	3,49,72,33,755.00	2,08,48,29,550.00
	<b><u>3,96,54,39,596.00</u></b>	<b><u>2,47,41,43,339.00</u></b>
<b>TOTAL</b>	<b><u>4,46,20,91,168.16</u></b>	<b><u>2,96,36,81,313.12</u></b>



SAHA INSTITUTE OF NUCLEAR PHYSICS

Schedule : 8 Fixed Assets

	Rate of Depreciation %	G R O S S B L O C K						D E P R E C I A T I O N						N E T B L O C K		
		Cost at the beginning of the year	Net Addition during the year	Sale / Disposal during the year	Total Cost at the year end	Accumulated Depreciation at the beginning of the year		Depreciation during the year	Adjustment for Sale / Disposal	Accumulated Depreciation at the year end	Net Book value at the year end	Rs.	P			
						Rs.	P							Rs.	P	Rs.
<u>Fixed Assets</u>																
1 Leasehold Land	Nil	2498280.27			2498280.27	0.00	0.00	0.00		0.00						2498280.27
2 Building	10%	229439538.59			229439538.59	138031975.85	6220663.95		144252639.79							85186898.80
3 Building- Housing	5%	88750926.00			88750926.00	35427435.89	2643118.23		38070554.12							50680371.88
4 Building- Hostel	5%	2467171.00			2467171.00	1288147.24	58951.15		1347098.39							1120072.61
5 Electrical Installation	10%	65853456.65	3389310.00	5,18,320	68724446.65	27271276.76	2516764.01	61,911.00	29726129.77							38998316.88
6 Plant, Machinery & Equipment	15%	327656259.04	161633637.67	5,33,580	3437665316.71	1886688490.47	158499528.62		2045188019.09							1392477297.62
7 Motor Vehicles	15%	4486602.51			4486602.51	1330174.46	133009.81		1463184.27							3023418.24
8 Furniture & Fixture	10%	33636111.91	390888.00		34026999.91	14487005.35	1262486.07		15749491.43							18277508.48
9 Office Equipments	15%	28429663.90	1118419.00		29548072.90	14351788.95	1265078.95		15616867.90							13931205.00
10 Computer/Peripherals	40%	415682347.85	9347228.00	1,54,910	424874665.85	369694364.75	6166325.93	154656.00	375706034.68							49168631.17
11 Library Books	15%	30365418.64	342902.00		30708320.64	13544895.29	906732.81		14451628.10							16256692.54
12 Other Fixed Assets	15%	125122.48			125122.48	8303.53	157.06		8460.59							116661.89
		<b>4178299888.84</b>	<b>176222384.67</b>	<b>1206810.00</b>	<b>4353315463.51</b>	<b>2502123858.55</b>	<b>179672816.58</b>	<b>216567.00</b>	<b>2681580108.13</b>							<b>1671735355.38</b>
Previous year		4107123110.91	71673679.93	496902.00	4178299888.84	2319377171.23	183038467.31	291780.00	2502123858.54							1676176030.30



SAHA INSTITUTE OF NUCLEAR PHYSICS

	<u>2017-18</u>	<u>2016-17</u>
<b>Schedule : 9 Investments-from earmarked / endowment funds</b>		
<b>Schedule : 10 Investments- Others</b>		
<b>Short Term deposits with Scheduled Banks:-</b>		
A.P. Patra Prize Fund Investment	50,000.00	50,000.00
Stichtung Fund Research Grant	14,06,880.00	5,43,000.00
Short Term Deposits	17,16,07,316.00	0.00
	<b>17,30,64,196.00</b>	<b>5,93,000.00</b>
<b>Schedule : 11 Current Assets, Loans &amp; Advances</b>		
<b>A. Current Assets</b>		
Cash balance in hand	30.00	90.00
Bank balances on Current Account with Scheduled Banks	31,05,12,088.22	47,48,85,271.52
	<b>31,05,12,118.22</b>	<b>47,48,85,361.52</b>
<b>B. Loans, Advances &amp; Other Current Assets</b>		
<b>1 Loans</b>		
<b>Interest bearing Loan to Staff :-</b>		
House Building Advances	36,55,229.00	40,07,344.00
Motor Car Advance	4,50,725.00	5,22,545.00
Motor Cycle/Scooter Advance	1,29,028.00	2,00,187.00
Bi-Cycle Advance	3,216.00	14,283.00
Computer Advance	4,50,454.00	5,48,830.00
	<b>46,88,652.00</b>	<b>52,93,189.00</b>
<b>2 Advances &amp; Other Amounts Recoverable in cash or in kind or for value to be received</b>		
<b>a) Deposits</b>		
Deposit for Gas Cylinders	17,17,626.05	19,55,626.05
Deposit with Vodafone		5,500.00
Deposit with Bharti Mobile Limited	8,000.00	8,000.00
Deposit with Calcutta Telephones	62,000.00	62,000.00
Deposit with CESC (Belgachia)	1,37,969.00	1,37,969.00
Deposit with CESC (KMDA )	6,84,000.00	6,84,000.00
Deposit with DAVP, GOI	2,431.80	2,431.80
Deposit with Salt Lake Service Station	16,000.00	16,000.00
Deposit for Custom Duty	99,378.58	99,378.58
Deposit for Margin Money against L/C	9,73,27,964.00	16,62,34,456.00
Deposit with DCSEM	37,65,00,000.00	37,65,00,000.00
Deposit for Electricity with VECC	1,00,00,000.00	1,00,00,000.00
	<b>48,65,55,369.43</b>	<b>55,57,05,361.43</b>



SAHA INSTITUTE OF NUCLEAR PHYSICS

	<u>2017-18</u>	<u>2016-17</u>
<b>b) Advance to Staff for Expenses:-</b>		
Travelling Advance	12,07,000.00	30,42,000.00
Leave Travel Concession Advance	9,25,000.00	1,50,100.00
Festival Advance	9,825.00	3,38,325.00
Medical Advance	48,159.00	73,551.00
Miscellaneous Advance	4,22,139.86	13,43,899.86
Contingency Advance	28,117.00	15,000.00
	<u><b>26,40,240.86</b></u>	<u><b>49,62,875.86</b></u>
<b>c) Advances to Others:-</b>		
Advance to Suppliers	2,27,169.00	19,57,554.00
	<u><b>2,27,169.00</b></u>	<u><b>19,57,554.00</b></u>
<b>d) Pre-payments:-</b>		
Prepaid Insurance	0.00	1,43,203.66
	<u><b>0.00</b></u>	<u><b>1,43,203.66</b></u>
<b>e) Expenditure incurred for Projects and Recoverable from Sponsors:-</b>		
CSIR- A.N.S Iyenger	9,997.00	9,997.00
CSIR- Banani Mukhopadhyay	44,082.00	44,082.00
CSIR- Buddhadev Mukherjee	1,830.00	1,830.00
CSIR- Dhruva Gupta	500.00	500.00
CSIR- Kakoli Banerjee	2,96,743.00	2,96,743.00
CSIR- Kamalika Roy	40,528.00	40,528.00
CSIR- Malabika Sen	1,74,200.00	1,74,200.00
CSIR- Pool(Moumita Maity)	2,119.00	2,119.00
CSIR- Partha Saha(1)	59,312.50	59,312.50
CSIR- Puneet Mishra	1,17,594.00	1,17,594.00
CSIR- Rajib Sarkar	11,453.00	11,453.00
CSIR- Sreyasi Dutta	26,431.00	26,431.00
CSIR- Satya Ranjan Halder	71,422.00	71,422.00
CSIR- Suchandra Bandopadhyya	500.00	500.00
CSIR- Tanwi Ghosh	11,545.00	11,545.00
DAE-INO	1,35,929.80	1,35,929.80
DAE- Raja Ramanna Fellowship	5,850.00	5,850.00
DAE- RRF- Naba Kumar Mondal	3,90,000.00	
DBT- Anindita Das		224.00
DBT-Sampa Biswas	12,997.00	12,997.00
DST- AUS- INDO- AUS (MKS)		5,05,421.00
DST- Debi Choudhuri 3	17,244.00	17,244.00
DST- Helium 2		
DST- Helium (J&K)	5,43,182.29	5,43,182.29
DST- Helium (ONGC)	30,715.03	30,715.03
DST- IINDO-Brazil (BS)		22,150.00

Contd.



SAHA INSTITUTE OF NUCLEAR PHYSICS

	<u>2017-18</u>	<u>2016-17</u>
<b>Expenditure incurred for Projects and Recoverable from Sponsors:- (Contd.)</b>		
DST- Partha Saha	1,13,242.00	1,13,242.00
DST- SERB- Debashis Mukhopadhyay	40,000.00	
INDUS-II (MKS)	60,78,181.08	60,78,181.08
SINP-VECC	43,06,028.00	43,06,028.00
UGC- Consolidated Grant	53,556.90	53,556.90
UGC - D. Mukhopadhyay	43,500.00	43,500.00
	<u><u>1,26,38,682.60</u></u>	<u><u>1,27,36,477.60</u></u>
<b>GRAND TOTAL</b>	<u><u>81,72,62,232.11</u></u>	<u><u>1,05,56,84,023.07</u></u>



SAHA INSTITUTE OF NUCLEAR PHYSICS

	<u>2017-18</u>	<u>2016-17</u>
<b>Schedule : 12 Income from Sales/Services</b>		
Processing Charges for Liquid Nitrogen	12,270.00	18,630.00
Auditorium Rent		1,10,000.00
Accommodation Charges Received	3,02,475.00	2,48,970.00
	<b>3,14,745.00</b>	<b>3,77,600.00</b>
 <b>Schedule : 13 Grant / Subsidies</b>		
i) Revenue Expenditure incurred from :-		
Non-Recurring Grant	7,83,27,840.58	18,12,05,478.44
Recurring Grant-Salaries	98,07,24,058.16	67,51,41,163.00
Recurring Grant-General	18,16,87,082.36	14,92,50,937.93
	1,24,07,38,981.10	1,00,55,97,579.37
	<b>1,24,07,38,981.10</b>	<b>1,00,55,97,579.37</b>
 <b>Schedule : 14 Fees / Subscriptions</b>		
 <b>Schedule : 15 Income from Investments</b>		
 <b>Schedule : 16 Income from Royalty, Publication</b>		
 <b>Schedule : 17 Interest Earned</b>		
On Margin Money Deposit (against Letter of Credit) and Short Term Deposit with Scheduled Banks	0.00	58,11,907.00
	<b>0.00</b>	<b>58,11,907.00</b>
 <b>Schedule : 18 Other Income</b>		
Hostel Rent	32,150.00	9,930.00
Standard Licence Fees	10,01,768.00	5,64,788.00
Contr. Medical Benefit Scheme Premium	1,07,78,224.00	24,15,892.00
Misc Income	3,50,114.00	8,94,919.32
Income from Projects	23,80,471.00	15,75,000.00
	<b>1,45,42,727.00</b>	<b>54,60,529.32</b>
 <b>Schedule : 19 Increase / Decrease in stock of finished goods and works-in-progress</b>		



SAHA INSTITUTE OF NUCLEAR PHYSICS

	<u>2017-18</u>	<u>2016-17</u>
<b>Schedule : 20 Establishment Expenses</b>		
Salaries, Allowances, Fellowship, Associateship and Contribution to CPF & Pension Fund	64,24,92,544.16	45,95,91,083.00
Gratuity	10,39,54,238.00	4,76,95,619.00
Leave Encashment	4,70,09,484.00	7,13,70,000.00
Pension, Family Pension and Ex-gratia Payment during the year	25,00,96,674.00	15,74,66,163.00
Add : Closing Provision made	<u>3,49,72,33,755.00</u>	<u>2,08,48,29,550.00</u>
	<u>3,74,73,30,429.00</u>	<u>2,24,22,95,713.00</u>
Less : Opening Provision written off	<u>2,08,48,29,550.00</u>	<u>1,66,35,65,043.00</u>
Honorarium to Visiting Professor	3,99,231.00	2,74,000.00
Children's Tution Fees	26,88,686.00	25,48,802.00
Overtime Allowance	18,136.00	62,940.00
Consolidated Pay	21,33,222.00	5,89,907.00
Leave Travel Concession	46,23,835.00	34,80,171.00
Medical Expenses	2,36,65,824.00	2,57,37,712.00
Staff Uniform & Liveries	2,10,961.00	3,00,007.00
Student Contingency Expenses	29,02,556.00	7,21,909.00
Ph.D. Registration Fees	3,51,500.00	2,34,770.00
Telephone Charges Reimbursement	13,03,839.00	17,84,807.00
Stipend	3,40,809.00	3,26,359.00
	<u><u>2,49,45,95,744.16</u></u>	<u><u>1,19,34,48,756.00</u></u>

**Schedule : 21 Other Administrative Expenses**

Consumables, Stores and Spare Parts	4,75,91,151.40	4,69,69,545.94
Electricity Charges	4,35,62,541.00	4,32,13,555.00
Repairs & Maintenance	3,67,98,102.96	4,47,86,169.17
Rent, Rates & Taxes	3,022.00	1,16,822.00
Vehicle Running, Maint., Insurance & Taxes	4,37,799.00	6,26,216.00
Transport Charges	7,86,000.00	11,82,387.00
Postage, Telephone and Internet Charges	11,15,314.00	15,50,787.00
Printing & Stationery	35,29,306.43	54,36,418.96
Travelling & Conveyance	2,19,77,817.00	1,94,81,807.00
Seminar, Conference & Workshop	21,06,530.00	9,37,675.00
Subscription & Contribution	60,46,592.81	30,77,791.49
Auditor's Remuneration	34,000.00	31,500.00
Hospitality Expenses	20,65,138.00	18,46,404.00
Legal Charges	6,77,100.00	14,59,400.00
Freight Charges	17,337.00	90,085.00
Insurance Charges	1,43,203.66	
Advertisement & Publicity	11,63,982.00	20,35,904.00
Misc. Other Expenses	2,50,54,020.00	2,27,27,898.00
Software	20,38,889.84	65,14,357.62
Journals	5,99,84,303.72	6,24,91,914.41
Book Binding Charges	5,700.00	25,425.00
Professional Fees	2,47,516.00	7,54,445.00
Accommodation Charges Paid	67,012.00	1,15,891.00
NPS Uploading Charges	17,965.00	23,519.00
Loss on Sale of Lab Equipment	3,71,780.00	
Loss on Sale AC Machine	3,93,209.00	1,80,391.00
	<u><u>25,62,35,332.82</u></u>	<u><u>26,56,76,308.59</u></u>

**Schedule : 22 Expenditure on Grants, Subsidies**

**Schedule : 23 Interest**

Bank Charges	7,963.12	19,774.10
	<u><u>7,963.12</u></u>	<u><u>19,774.10</u></u>



**Statement of Utilisation of Grant during 2017-18**

	Grant from Deptt of Atomic Energy			Non-Recurring
	Recurring	General	Total	
<b>Opening Balance of Unspent Grant</b>	Salaries 2,39,49,786.30	5,33,74,644.92	7,73,24,431.22	26,75,64,507.31
Add: Grant Received during the year	97,98,00,000.00	18,58,00,000.00	1,16,56,00,000.00	16,57,00,000.00
Less: Interest on Deposits refunded		-58,11,907.00	-58,11,907.00	
<b>Total Grant</b>	<b>1,00,37,49,786.30</b>	<b>23,33,62,737.92</b>	<b>1,23,71,12,524.22</b>	<b>43,32,64,507.31</b>
Less: Grant Utilised during the year :-				
<b>Capital Expenditure:</b>				
Fixed Assets		1,76,13,277.71	1,76,13,277.71	15,74,02,296.96
Margin Money Deposit		3,58,71,000.00	3,58,71,000.00	-10,41,68,791.00
<b>Revenue Expenditure:</b>				
Expenses	99,15,02,282.16	18,25,21,273.36	1,17,40,23,555.52	8,19,78,609.58
Less: Income	-1,07,78,224.00	-40,79,248.00	-1,48,57,472.00	
<b>Current Assets, Loans &amp; Advances:</b>				
Deposit with Vodafone				-2,33,000.00
Cylinder Deposit				-7,24,349.00
Misc. Advance		-2,97,411.00	-2,97,411.00	
Advance for Contingency		18,117.00	18,117.00	-15,000.00
TA Advance		5,80,512.00	5,80,512.00	-20,65,512.00
Advance to Suppliers		-11,17,477.00	-11,17,477.00	-6,12,908.00
Festival Advance		-3,28,500.00	-3,28,500.00	
LTC Advance		7,74,900.00	7,74,900.00	
Medical Advance		-25,392.00	-25,392.00	
Prov for Elec Charges		36,25,308.00	36,25,308.00	
Prov for Audit Fees		15,000.00	15,000.00	
<b>Sub-total</b>	<b>98,07,24,058.16</b>	<b>18,16,87,082.36</b>	<b>1,16,24,11,140.52</b>	<b>7,83,27,840.58</b>
Transfer from HBA & Other Fund		-21,09,766.00	-21,09,766.00	
<b>Total Utilisation</b>	<b>98,07,24,058.16</b>	<b>23,30,61,594.07</b>	<b>1,21,37,85,652.23</b>	<b>13,15,61,346.54</b>
<b>Closing Balance of Unspent Grant</b>	<b>2,30,25,728.14</b>	<b>3,01,143.85</b>	<b>2,33,26,871.99</b>	<b>30,17,03,160.77</b>



## ***SAHA INSTITUTE OF NUCLEAR PHYSICS***

**Schedules forming part of the accounts for the period ended 31st March, 2018**

**Schedule : 24 Significant Accounting Policies**

### **1. ACCOUNTING CONVENTION**

The financial Statements are prepared on the basis of historical cost convention unless otherwise stated and on the accrual method of accounting w.e.f. 1<sup>st</sup> April, 2002

### **2. INVENTORY VALUATION**

Consumables, Stores, Spare Parts & Stationery etc. are valued at cost and charged off to the Revenue in the year of purchase.

### **3. INVESTMENTS**

Investments are carried at cost and cost includes acquisition expenses like brokerage, transfer stamps, bank charges, etc. Incomes on investments are accounted on accrual basis.

### **4. FIXED ASSETS**

4.1 Fixed Assets are stated at cost of acquisition inclusive of inward freight, insurance, packing and forwarding charges, delivery expenses, duties, taxes and all other incidental and direct expenses related to acquisition. In respect of projects involving construction, related pre-operational expenses form part of the value of the assets capitalized.

4.2 Fixed Assets received by way of non-monetary grants (other than towards the Capital Fund), were used to capitalize at values stated, by corresponding credit to capital reserve. However, as per directives given by administrative ministry all such reserves are now transferred to Capital Fund.



## *SAHA INSTITUTE OF NUCLEAR PHYSICS*

**Schedules forming part of the accounts for the period ended 31st March, 2018**

### **5. DEPRECIATION**

Depreciation on Fixed Assets has been provided on Written Down Value Method as per rates specified in the Income Tax Act , 1961:

A	Land	:	Nil
B	Building (Housing)	:	5%
C	Building (Office & Laboratory)	:	10%
D	Plant & Machinery	:	15%
E	Electrical Installation	:	10%
F	Computer / Peripherals	:	40%
G	Office Equipments	:	15%
H	Vehicles	:	15%
I	Furniture	:	10%
J	Books	:	15%
K	Other Fixed Assets	:	15%

Depreciation has been charged for the full year on additions made during the year. No depreciation is charged on assets which are sold during the year.

Book Value of assets purchased before 01.04.2002 and sold are written off to the Income & Expenditure Account in the year of sale. Realizations made from sale of scrap are taken as miscellaneous income in the year of receipt in case of assets purchased before 01.04.2002.

Full depreciation is provided on assets costing Rs. 5,000/= or less. Such provision for depreciation is charged to Income & Expenditure Account every year since 2002-03 which has a consequential effect on surplus/deficit of that year.



## ***SAHA INSTITUTE OF NUCLEAR PHYSICS***

**Schedules forming part of the accounts for the period ended 31st March, 2018**

### **6. GOVERNMENT GRANTS & SUBSIDIES**

Recurring (Non Plan) and Non Recurring (Plan) grants received from Department of Atomic Energy (DAE), Government of India are treated as follows:

- a) The grants are accounted for on realization basis.
- b) That portion of Plan and Non Plan Funds utilised for Revenue Expenditure is taken to Income & Expenditure Account as Income.
- c) That portion of Plan and Non Plan Funds utilized for Capital Expenditure is added to as Capital Fund.
- d) The balance available under Plan & Non Plan Grants is exhibited as Unspent Balance carried forward in the Liabilities side of the Balance Sheet under the head Current Liabilities & Provision.
- (e) Amount of Recurring (Non-Plan) and Non-Recurring (Plan) Grant received from Ministries/Departments/Agencies other than Department of Atomic Energy, Govt. of India and utilized for Capital and Revenue expenditure have been treated as expenditure for the specific projects.

### **7. FUNDS FOR PROJECTS/SCHEMES:**

All grants in respect of Projects/Schemes are accounted on realization basis.

The unspent amount of grants received in respect of the Projects/Schemes is shown under Current Liabilities in the Balance Sheet under the head 'Receipts against ongoing sponsored projects/schemes' and excess of payments made over the grants received in respect Projects/Schemes are shown under Current Assets in the Balance Sheet under the head 'Payments against ongoing sponsored projects/schemes'.

### **8. FOREIGN CURRENCY TRANSACTIONS**

Transactions denominated in Foreign Currency are accounted at the exchange rate prevailing on the date of the transactions.



## ***SAHA INSTITUTE OF NUCLEAR PHYSICS***

**Schedules forming part of the accounts for the period ended 31st March, 2018**

### **9. RETIREMENT BENEFITS**

Provision for Gratuity and Leave Encashment are made on the basis of actuarial valuation of accrued liability towards Gratuity, Leave Encashment of existing employees after deducting opening provision.

Similar provision is also made for Pension of employees covered under Institute's old pension scheme on the basis of actuarial valuation of accrued liability towards pension.

This year it has resulted in significant deficit of expenditure over income as the closing provision is more than the opening provision.

### **Schedule : 25                      CONTINGENT LIABILITIES AND NOTE ON ACCOUNTS**

#### **1. CONTINGENT LIABILITIES**

In respect of Letters of Credit opened by Bank on behalf of the Institute Rs.9,73,27,964 /- ( Previous year Rs.16,62,34,456/-) for which similar amount has been kept under Margin Money Deposit Account with the Scheduled Bank .

Contingent liability for court cases filed against Institute pending for decision is not ascertainable at the moment.

#### **2. CURRENT ASSETS, LOANS AND ADVANCES**

In the opinion of the Management, the Current Assets, Loans and Advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

#### **3. TAXATION**

In view of there being no taxable income under the Income Tax Act, 1961, no provision for Income Tax has been considered necessary.



## **SAHA INSTITUTE OF NUCLEAR PHYSICS**

**Schedules forming part of the accounts for the period ended 31st March, 2018**

### **4. FOREIGN CURRENCY TRANSACTIONS**

	(Amount. in Rs.)	
	Current year	previous year
Value of Imports Calculated on CIF basis		
a) Capital Equipments including in-transit	12,77,78,377.14	4,13,12,800.23
b) Stores, Spare and Consumables		
Including in-transit	80,35,099.22	1,60,00,944.91
c) Journals	6,95,55,868.12	6,23,98,827.53

5. Corresponding figures for the previous year have been regrouped / rearranged, wherever necessary.

6. Schedules 1 to 25 are annexed to and form an integral part of the Balance Sheet as at 31<sup>st</sup> March, 2018 and the Income and Expenditure Account for the year ended on that date.

### **7. FIXED ASSETS**

Fixed Assets have been regrouped on 31<sup>st</sup> March, 2002 for the purpose of charging Depreciation. The Fixed Assets are subject to physical verification and updating of Fixed Assets Register.

### **8. DEPRECIATION**

Depreciation of Assets has been brought to the Accounts only from 2002-03 as per the uniform format of accounts in Central Autonomous Bodies recommended by the Ministry of Finance, Government of India. Depreciation has been provided only from the additions made during the year from 1<sup>st</sup> April 2002. Depreciation for earlier years shall be provided in subsequent years after completion of Asset Inventory.



## SAHA INSTITUTE OF NUCLEAR PHYSICS

Schedules forming part of the accounts for the period ended 31st March, 2018

### 9. RETIREMENT BENEFITS

Provision for accrued liability towards Gratuity, Leave Encashment and Pension has been made on actuarial valuation basis.

### 10. REVOLVING FUND FOR HBA & OTHER ADVANCES

Recurring Grant (Plan) received in earlier years from Department of Atomic Energy, Government of India, towards House Building and other interest bearing advances and Interest received on House Building and Other Advances are the corpus of Revolving HBA Fund from which advances are made to the employees for the purpose of House Building, Motor Car, Personal Computer, Motor Cycle/Scooter, Bi-cycle and Table Fan purchases. Recoveries made and Interest received during the year are added to the Revolving HBA Fund. Surplus amount, if any, are transferred to Recurring Grant for that year.

11. The excess of expenditure over income has been shown in the Balance Sheet on the Assets side from F.Y 2016-17. Earlier it has been adjusted against Capital A/c. The change in policy has been done as it would result in negative Capital A/c due to the charging of provisions on depreciation and actuarial valuation of retirement liability.

Signatures to Schedules 1 to 25



(V. P. Mishra)  
Accounts Officer



(N. Sanyal)  
Dy. Controller of Accounts



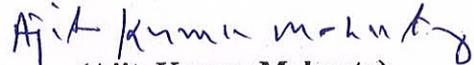
(Anirban Banerjee)  
Registrar

For K. Sharma & Co.  
Chartered Accountants  
FRN 302045E



(K. K. Sharma)  
Partner

Membership No.005313  
1/B, Old Post Office Street, Room No.8, (First Floor),  
Kolkata 700 001  
Dated – 12<sup>th</sup> September, 2018



(Ajit Kumar Mohanty)  
Director



# K. SHARMA & CO.

CHARTERED ACCOUNTANTS

## INDEPENDENT AUDITORS' REPORT TO THE MANAGEMENT OF SAHA INSTITUTE OF NUCLEAR PHYSICS PENSION ACCOUNT

### 1. Report of the Financial Statements

We have audited the attached Receipts and Payments account of SAHA INSTITUTE OF NUCLEAR PHYSICS PENSION ACCOUNT as at March 31, 2018.

### 2. Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance of the Institute in accordance with the generally accepted accounting practices followed in India. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatements, whether due to fraud or error.

### 3. Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conduct our audit in accordance with the Standard in Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Institute's preparation and fair representation to the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of the financial statements.

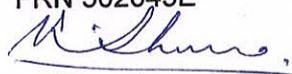
We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis of our audit opinion.

### 4. Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give a true and fair view in conformity with the accounting principles generally accepted in India.

In the case of Receipts and Payments Account of the transactions for the year ended on that date.

For K. Sharma & Co.  
Chartered Accountants  
FRN 302045E



(K. K. Sharma)  
Partner

Membership No.005313

Place : Kolkata

Date : 12<sup>th</sup> September, 2018

**SAHA INSTITUTE OF NUCLEAR PHYSICS**  
**PENSION ACCOUNT**

**Receipt & Payment Account for the year ended 31st March, 2018**

<u>Receipts</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Payments</u>	<u>2016-17</u>	<u>2017-18</u>
	Rs.	Rs.		Rs.	Rs.
To Opening Balance :					
In Current Account with			By Pension Account	113,550,894.00	168,059,776.00
State Bank of India, Manicktala Br.	10,003,942.60	24,169,747.10	By Family Pension	23,610,204.00	35,715,842.00
To Amount Transferred from			By Ex-gratia	121,344.00	125,241.00
Saha Institute of Nuclear Physics	160,700,000.00	244,600,000.00	By New Pension Scheme Account	444,803.00	3,327,424.00
General Account			By Commutation of Pension	9,907,385.00	52,332,012.00
To Amount adjusted on account of			By Income Tax Payment	8,770,133.00	17,087,439.00
Medical Allowance & contribution	1,124,586.00	5,141,948.00	By Bank Charges	632.00	649.00
To Income Tax recovery	8,770,133.00	17,087,439.00	By NPS (Uploading charges)	23,519.00	17,965.00
			By Closing Balance :		
			In Current Account with		
			State Bank of India,		
			Manicktala Branch	24,169,747.10	14,332,786.10
				<u>180,598,661.10</u>	<u>290,999,134.10</u>

FOR K. Sharma & Co.  
CHARTERED ACCOUNTANTS

FRN 302045F

*(K. K. Sharma)*  
Partner

Membership No. 005313  
1/B, Old Post Office Street  
Room No.8 (First Floor)  
Place : Kolkata-700001  
Dated: 12/09/2018

*Ajit Kumar Mohanti*  
(Ajit Kumar Mohanti)  
Director

*(Anirban Banerjee)*  
(Anirban Banerjee)  
Registrar

*N.S.*  
(N. Sanyal)  
Dy. Controller of Accounts

*(V. P. Mishra)*  
(V. P. Mishra)  
Accounts Officer



# K. SHARMA & CO.

CHARTERED ACCOUNTANTS

## INDEPENDENT AUDITORS' REPORT TO THE MANAGEMENT OF SAHA INSTITUTE OF NUCLEAR PHYSICS PROVIDENT FUND ACCOUNT

### 1. Report of the Financial Statements

We have audited the attached Receipts and Payments account of SAHA INSTITUTE OF NUCLEAR PHYSICS PROVIDENT FUND, which comprise the Balance Sheet as at March 31, 2018, and the Revenue Account for the year ended, and a summary of significant accounting policies and other explanatory information.

### 2. Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance of the Institute in accordance with the generally accepted accounting practices followed in India. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatements, whether due to fraud or error.

### 3. Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conduct our audit in accordance with the Standard in Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Institute's preparation and fair representation to the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis of our audit opinion.

### 4. Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give a true and fair view in conformity with the accounting principles generally accepted in India.

- a) In the case of Balance Sheet, of the state of affairs of the fund as at 31st March, 2018.
- b) In the case of Revenue Account, of the surplus for the year ended on that date.

For K. Sharma & Co.  
Chartered Accountants  
FRN 302045E

  
(K. K. Sharma)  
Partner

Membership No.005313

Place : Kolkata  
Date : 12<sup>th</sup> September, 2018



**Saha Institute of Nuclear Physics Provident Fund**  
**Revenue Account for the year ended 31st March, 2018**

<u>2016-2017</u>	<u>EXPENDITURE</u>	<u>2017-2018</u>	<u>2016-2017</u>	<u>INCOME</u>	<u>2017-2018</u>
			Rs.		Rs. P.
32,416,744.00	Interest credited to members' Account	34,523,426.00		Interest on Investment	45,308,185.47
929,500.00	Premium on purchase of Bonds	325,500.00			
2,873.25	Bank Charges	3,944.00			
8,008,532.59	Surplus carried forward	10,455,315.47			
<u>41,357,649.84</u>		<u>45,308,185.47</u>		<u>41,357,649.84</u>	<u>45,308,185.47</u>

*Ajit Kumar Mohanty*  
**(Ajit Kumar Mohanty)**  
**Director**

*Anirban Banerjee*  
**(Anirban Banerjee)**  
**Registrar**

*N.H.*  
**(N. Sanyal)**  
**Dy. Controller of Accounts**

*V.P. Mishra*  
**(V.P. Mishra)**  
**Accounts Officer**

**K. SHARMA & Co.**  
**Chartered Accountants.**  
**FRN 302045E**

*K.K. Sharma*  
**(K.K. Sharma)**  
**Partner, Membership No. 005313.**  
**1/B, Old Post Office Street**  
**Room No. 8, (First Floor)**  
**Kolkata: 700 001.**



**Dated: 12th September, 2018**

SAHA INSTITUTE OF NUCLEAR PHYSICS PROVIDENT FUND

Schedule of Investment as on March, 2018

Central Government Securities (CGS)/ State Development Bonds (SDL)

Schedule-A

Sl. No.	Central Government Securities/SDL	Date of Investment	Date of Maturity	Rate of Interest	Face Value	Rs.
1	Government Securities 2023	16/12/2009	10/11/2023	8.20%	5,500,000.00	
2	Government Securities 2024	18/03/2010	15/09/2024	8.20%	3,500,000.00	
3	Government Securities 2026	16/08/2010	23/03/2026	8.00%	5,000,000.00	
4	Government Securities 2027	22/12/2010	2/8/2027	8.26%	6,500,000.00	
5	Government Securities 2022	7/9/2011	21/09/2022	8.13%	18,500,000.00	
6	Government Securities 2020	31/10/2013	16/01/2020	8.19%	28,790,000.00	67,790,000.00
7	West Bengal State Development Loan (SWBSDL) 2021	23/11/2015	23/11/2021	9.28%	10,660,000.00	
8	West Bengal State Development Loan (SWBSDL) 2021	23/11/2015	14/09/2021	8.65%	6,000,000.00	
9	West Bengal State Development Loan (SWBSDL) 2026	11/3/2016	24/02/2026	8.88%	10,000,000.00	
10	UP SDP SPL 2023	8/9/2016	2/6/2023	8.25%	10,000,000.00	
11	Himachal Pradesh UDAY SDL 2028	15/03/2017	28/02/2028	8.17%	30,000,000.00	66,660,000.00
						134,450,000.00
<b>State Guranted Bonds</b>						
1	West Bengal Financial Coprotion (WBFC)	30/11/2009	30/12/2019	8.60%	4,000,000.00	
2	West Bengal Financial Coprotion (WBFC)	10/5/2013	30/01/2023	9.65%	6,000,000.00	
3	West Bengal Financial Coprotion (WBFC)	8/7/2014	8/7/2022	9.80%	15,000,000.00	
4	West Bengal Infrastructure Development Boand (WBIDFC)	22/04/2010	7/2/2020	9.20%	15,000,000.00	
5	West Bengal Infrastructure Development Boand (WBIDFC)	16/06/2010	7/4/2020	9.20%	10,000,000.00	
6	West Bengal Infrastructure Development Boand (WBIDFC)	24/09/2010	6/4/2020	9.20%	12,000,000.00	
7	West Bengal Infrastructure Development Boand (WBIDFC)	21/09/2015	6/4/2020	9.20%	4,000,000.00	
8	Andhra Pradesh Power Finance Corporation Bond (APFCL)	15/11/2010	15/11/2022	8.74%	7,000,000.00	
9	Rajasthan State Road Transport	26/11/2012	1/11/2022	9.70%	10,000,000.00	
10	Rajasthan State Road Transport	26/11/2012	1/11/2022	9.70%	5,000,000.00	
11	Punjab Financial Corportiaon	24/01/2013	16/11/2022	9.80%	14,700,000.00	
12	Tamil Nadu Power Finance & Infructure Development Corporation Ltd. (TNPFD) 2023	30/07/2013	29/05/2023	9.19%	19,000,000.00	
13	Tamil Nadu Generation and Distribution Corporation Ltd. (TANGEDCO Ltd.) 2024	20/02/2015	18/12/2024	9.20%	9,000,000.00	
14	Rajasthan Rajya Vidyut Utpadan Nigam Limited	21/09/2015	24/12/2026	9.00%	3,000,000.00	
15	UP Power Corporation Limited	30/01/2018	20/10/2026	9.75%	15,000,000.00	148,700,000.00
						283,150,000.00



Sl. No.	Debt Securities / Securities of Public Financial Institutions	Date of Investment	Date of Maturity	Rate of Interest	Face Value
1	IFCI Limited 2020	28/07/2010	28/07/2020	9.25%	12,000,000.00
2	IFCI Limited 2018	30/05/2011	30/05/2018	10.40%	10,000,000.00
3	IFCI Limited 2026	5/12/2012	1/8/2026	10.75%	6,000,000.00
4	IFCI Bonds 2021	11/28/2014	1/11/2021	9.90%	20,000,000.00
5	IFCI Bonds 2021	26/05/2016	3/11/2021	8.55%	15,000,000.00
6	IFCI Bonds 2021	14/07/2016	3/11/2021	8.55%	10,000,000.00
7	State Bank of India ( Perpetual ) Bonds 2020	11/2/2010	27/01/2020	9.05%	5,000,000.00
8	Power Finance Corporation Ltd. 2018	12/5/2013	10/7/2018	9.81%	50,000,000.00
9	Power Finance Corporation Bonds 2019	9/25/2014	7/10/2019	9.15%	10,000,000.00
10	Industrial Development Finance Corporation Bond 2020	20/01/2011	2/12/2020	8.89%	2,000,000.00
11	Industrial Development Finance Corporation Bond 2026	20/04/2011	15/04/2026	9.28%	8,000,000.00
12	IDFC LTD NCD (IDFC PP 11/2016) 06/01/2023	20/07/2015	6/1/2023	8.73%	15,000,000.00
13	REC 2019	25/07/2014	18/06/2019	9.02%	10,000,000.00
14	Nuclear Power Corporation Ltd. (NPCIL) 2019	9/7/2012	16/11/2019	10.77%	7,000,000.00
15	West Bengal State Electricity Transmission Company Limited (WBSETCL)	5/18/2015	7/26/2021	10.29%	12,000,000.00
16	NTPC-SAIL Power Co. Ltd.	26/07/2017	11/7/2022	7.72%	10,000,000.00
17	Union Bank Perp	11/9/2017	30/03/2022		
18	West Bengal State Electricity Transmission Company Limited (WBSETCL)	30/01/2018	(Call date) 26/07/2021	9.10%	10,000,000.00
Sl. No.	INVESTMENT IN MUTUAL FUND	Date of Investment	Rate of Interest	Face Value	
	SBI Magnum Balance Growth	18/09/2017	10.29%	2,500,000.00	227,000,000.00
					Total Portfolio = 512,650,000.00



SAHA INSTITUTE OF NUCLEAR PHYSICS PROVIDENT FUND  
31<sup>ST</sup> MARCH, 2018.

ACCOUNTING POLICIES & NOTES TO ACCOUNTS

1. SIGNIFICANT ACCOUNTING POLICIES :

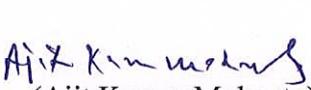
(a) Accounting convention :

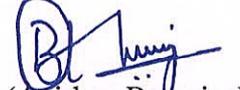
The accompanying financial statements have been prepared in accordance with the historical cost convention.

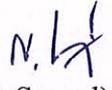
(b) Investments:

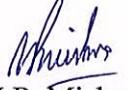
Investments are valued at cost.

2. Members' Accounts Balance is Rs. 474,778,881.00.
3. An amount of Rs. 2,63,040.00 (Rupees Two lakh Sixty Three thousand Forty) only received excess from Saha Institute of Nuclear Physics toward members contribution for September, 2017 and shown as due to SINP.
4. Previous year's figures have been regrouped and / or rearranged wherever necessary.

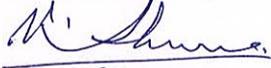
  
(Ajit Kumar Mohanty)  
Director

  
(Anirban Baherjee)  
Registrar

  
(N. Sanyal)  
Dy. Controller of Accounts

  
(V.P. Mishra)  
Accounts Officer

K. SHARMA & CO.  
CHARTERED ACCOUNTANTS

  
( K.K. SHARMA)  
Partner

Membership No. 005313.  
1/B, Old Post Office Street, Room No. 8,  
(First Floor)  
Kolkata – 700 001.  
Dated: September 12, 2018.

