

AUDITORS' REPORT

1. We have audited the Balance Sheet of **THE NEOTIA UNIVERSITY** as at 31st March 2017 and also the Income and Expenditure Account for the year ended on the date. These financial statements are the responsibility of the Governing Board. Our responsibility is to express an opinion on these financial statements based on our audit.
2. We conducted the audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the Governing Board, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. We further report that: -
 - a) We have obtained all the information and explanation, which to the best of our knowledge and belief were necessary for the purpose of the audit.
 - b) The Balance Sheet and the Income and Expenditure Account dealt with the Report are in agreement with the books of accounts as submitted to us.
 - c) In our opinion and to the best of our information and according to the explanations given to us, the said statements of accounts read with notes appearing in Schedule – K, give a true and fair view: -
 - i) In the case of Balance Sheet, of the state of affairs as at 31st March, 2017
And
 - ii) In the case of Income and Expenditure Account, of the excess of Expenditure over Income for the year ended on that date.

For **ARSK & ASSOCIATES**
Chartered Accountants
Firm Registration No: 315082E




CA. S. K. Kabra
Partner
Membership No.: 052205

Place: Kolkata
Date: 17th August, 2017


Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
BALANCE SHEET AS AT 31ST MARCH, 2017

	Schedules	As At 31.03.2017 Rs.
I. SOURCES OF FUND		
1. General Fund	A	8,467,866
2. Deposits from students		1,765,000
3. Loan Funds		
Unsecured loans	B	81,300,000
4. Current Liabilities	C	91,520,849
		<u>183,053,715</u>
II. APPLICATION OF FUNDS		
1. Fixed Assets	D	
a) Gross block		172,008,210
Less :accumulated depreciation		<u>4,443,336</u>
Net block		167,564,874
b) Capital work-in-progress (including pre-operative expenses)	E	<u>2,504,633</u> 170,069,507
2. Current Assets		
a) Sundry debtors	F	1,709,048
b) Cash & Bank balances	G	10,150,631
c) Advances & Deposits	H	<u>1,124,529</u> 12,984,208
		<u>183,053,715</u>

Significant Accounting Policies & Notes on Accounts

K

The Schedules referred to above form an integral part of the Balance Sheet
As per our attached report of even date

For ARSK & ASSOCIATES
Chartered Accountants
Firm Registration No: 315082E

For and on behalf of governing board

CA. S.K. KABRA
Partner
Membership No: 052205



THE NEOTIA UNIVERSITY

[Signature]
Chancellor

Place: Kolkata
Date : 17 AUG 2017

THE NEOTIA UNIVERSITY

A. S. Islam
Vice-Chancellor

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2017

	Schedules	For the year ended 31.03.2017 Rs.
I INCOME		
Fees and charges from students		16,588,000
Interest income		195,592
Miscellaneous income		143,879
		<u>16,927,471</u>
II EXPENDITURE		
Remuneration and other benefits to staff	I	20,224,311
Educational, Administrative and Other expenses	J	30,890,496
Depreciation expenses		2,750,841
		<u>53,865,649</u>
Excess of Expenditure over Income		<u>(36,938,178)</u>
Significant Accounting Policies and Notes on Accounts	K	

The Schedules referred to above form an integral part of the Income and Expenditure Account.
As per our attached report of even date

For ARSK & ASSOCIATES
Chartered Accountants
Firm Registration No: 315082E


For and on behalf of governing board


CA. S.K. KABRA
Partner
Membership No: 052205

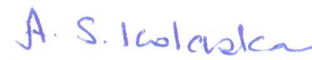



Place: Kolkata
Date: 17 AUG 2017

THE NEOTIA UNIVERSITY


Chancellor

THE NEOTIA UNIVERSITY


Vice-Chancellor

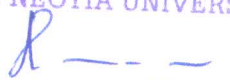

Vice Chancellor
THE NEOTIA UNIVERSITY

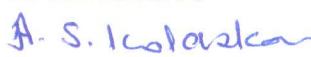
THE NEOTIA UNIVERSITY
SCHEDULES TO THE ACCOUNTS AS AT 31ST MARCH 2017

	As At 31.03.2017 Rs.
SCHEDULE - A : GENERAL FUND	
As per last accounts	45,406,044
Add: surplus/(deficit) during the year	(36,938,178)
	<u>8,467,866</u>
SCHEDULE - B : UNSECURED LOANS	
From Educational Development Trust	81,300,000
	<u>81,300,000</u>
SCHEDULE - C : CURRENT LIABILITIES	
Advance received from students	288,165
Current Liabilities	
- for capital expenditure	495,660
- for expenses	5,660,426
Other payables	93,000
Statutory liabilities	525,054
Educational Development Trust - Advance	84,458,544
	<u>91,520,849</u>
SCHEDULE - D : FIXED ASSETS (separately annexed)	
SCHEDULE - E : CAPITAL WORK IN PROGRESS (INCLUDING PRE-OPERATIVE EXPENSES)	
Consultancy fees	2,504,633
	<u>2,504,633</u>
SCHEDULE - F : SUNDRY DEBTORS	
Fees receivable from students	1,709,048
	<u>1,709,048</u>
SCHEDULE - G : CASH & BANK BALANCES	
Cash in hand (as certified by the management)	20,586
Balance with scheduled banks	
Savings account	10,130,045
	<u>10,150,631</u>
SCHEDULE - H : ADVANCES & DEPOSITS	
Security deposits	162,130
Prepaid expenses	162,241
Advance to suppliers and others	798,158
Tax deducted at source	2,000
	<u>1,124,529</u>




Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY

Chancellor

THE NEOTIA UNIVERSITY

Vice-Chancellor

THE NEOTIA UNIVERSITY
SCHEDULES TO THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2017

	For the year ended 31.03.2017 Rs.
SCHEDULE - I : REMUNERATION AND OTHER BENEFITS TO STAFF	
Salaries and other allowances	19,368,998
Staff Welfare expenses	560,929
Contribution to EPF,ESI,etc	294,384
	<u>20,224,311</u>
SCHEDULE - J : EDUCATIONAL, ADMINISTRATIVE AND OTHER EXPENSES	
Advertisement & Publicity	10,915,543
Bank charges	18,999
D.G.Shipping annual fee	134,800
Electricity charges	4,448,491
Entertainment expenses	86,456
Function & Ceremony expenses	3,185
Freight & Transportation	44,650
Garden maintenance	29,819
Generator running expenses	431,129
Hire charges	811,950
Hostel and Other expenses	1,743,413
Insurance expenses	104,524
Internet expenses	193,449
Laboratory expenses	56,466
Miscellaneous expenses	24,411
Organising Seminar & Conference	72,615
Printing and Stationary	239,010
Postage & Telecommunication	1,070
Photography charges	12,500
Professional & Consultancy Fee	4,612,654
<u>Payment to Auditors</u>	
For audit fees	59,000
For certification fees	14,375
For income tax matters	<u>11,500</u>
Rent	1,223,070
Repairs and Maintenance	2,389,286
Rates & Taxes	64,200
Security charges	1,570,538
Student welfare expenses	181,778
Sundry balances written off	22,500
Telephone expenses	153,780
Travelling & Conveyance	869,871
Upkeep & Maintenance charges	345,465
	<u>30,890,496</u>



THE NEOTIA UNIVERSITY

[Signature]
Chancellor

THE NEOTIA UNIVERSITY

A. S. Chakrabarty
Vice-Chancellor

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY

B. S. M.

Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
SCHEDULE TO THE ACCOUNTS

SCHEDULE D - FIXED ASSETS

DESCRIPTION OF ASSETS	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	Balance as at 1st April 2016	Additions/Adjustment during the year	Subtraction during the year	Balance as at 31st March 2017	Adjustment during the year	Depreciation charge for the year	Balance as at 31st March 2017	Balance as at 1st April 2016
Building & civil construction	101,187,487	41,329,813	-	142,517,300	-	2,155,074	138,712,870	99,538,131
Computer & Peripherals	-	306,327	-	306,327	-	3,982	302,345	-
Electrical installation	887,333	9,291,358	-	10,178,691	-	373,455	9,763,088	845,185
Furniture & Fixtures	-	4,445,043	-	4,445,043	-	209,307	4,235,736	-
Land and Site development	14,341,666	-	-	14,341,666	-	-	14,341,666	14,341,666
Library / faculty Books	-	61,781	-	61,781	-	1,654	60,127	-
Miscellaneous equipments	154,297	3,105	-	157,402	-	7,369	149,042	153,306
Total	116,570,783	55,437,427	-	172,008,210	-	2,750,841	167,564,874	114,878,288

THE NEOTIA UNIVERSITY

[Signature]

Chancellor

THE NEOTIA UNIVERSITY

A. S. Isolation

Vice-Chancellor



THE NEOTIA UNIVERSITY
SCHEDULE TO THE ACCOUNTS

SCHEDULE - K: SIGNIFICANT ACCOUNTING POLICIES AND NOTES ON ACCOUNT

1. ACCOUNTING POLICIES

i) Basis of Accounting:

The University prepares its accounts on accrual basis, as per the generally accepted accounting principles.

ii) Revenue Recognition

Revenue from Fees is recognized upon raising of Semester Fee Bills.

iii) Fixed Assets:

a) Fixed Assets are stated at cost of acquisition inclusive of duties, taxes, incidental expenses, erection / commissioning expenses and interest etc. upto the date the asset is put to use.

b) Expenditure incurred on new projects/phases under implementation are carried forward as pre-operative expenditure to be allocated appropriately to Fixed Assets on completion of the respective projects/phases or at the time when the asset is ready for intended use.

iv) Borrowing Costs:

Borrowing costs relating to the acquisition / construction of qualifying assets are capitalized until the time all substantial activities necessary to prepare the qualifying assets for their intended use are complete.

A qualifying asset is one that necessarily takes substantial period of time to get ready for its intended use.

All other borrowing costs are charged to revenue.

v) Depreciation:

Depreciation is provided on straight-line method at the rates specified in the Companies Act, 1956.

vi) Contingencies:

Liabilities which are material and whose future outcome cannot be ascertained with reasonable certainty are treated as contingent and disclosed by way of notes to the accounts.

THE NEOTIA UNIVERSITY

R - - -
Chancellor

THE NEOTIA UNIVERSITY

A. S. I. Lakshon
Vice-Chancellor

Bilal
Vice Chancellor
THE NEOTIA UNIVERSITY



2. All assets, both present and future, are charged in favour of a bank for securing the loans granted to sponsoring trust.
3. All Current Assets are unsecured and considered good.
4. The University was established and incorporated on 3rd February, 2015 vide The Neotia University Act, 2014.

Signatures to Schedules 'A' to 'K'
As per our Report of even date attached


For **ARSK & ASSOCIATES**
Chartered Accountants
Firm Registration No.: 315082E


CA. S.K. KABRA
Partner
Membership No.: 052205
Place: Kolkata
Date: 17 AUG 2017



For and on behalf of governing board

THE NEOTIA UNIVERSITY


Chancellor

THE NEOTIA UNIVERSITY


Vice-Chancellor

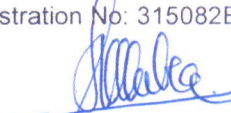

Vice Chancellor
THE NEOTIA UNIVERSITY

AUDITORS' REPORT

1. We have audited the Balance Sheet of **THE NEOTIA UNIVERSITY** as at 31st March 2018 and also the Income and Expenditure Account for the year ended on the date. These financial statements are the responsibility of the trustees. Our responsibility is to express an opinion on these financial statements based on our audit.
2. We conducted the audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the trustees, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. We further report that: -
 - a) We have obtained all the information and explanation, which to the best of our knowledge and belief were necessary for the purpose of the audit.
 - b) The Balance Sheet and the Income and Expenditure Account dealt with the Report are in agreement with the books of accounts as submitted to us.
 - c) In our opinion and to the best of our information and according to the explanations given to us, the said statements of accounts read with notes appearing in Schedule – M, give a true and fair view: -
 - i) In the case of Balance Sheet, of the state of affairs as at 31st March, 2018
And
 - ii) In the case of Income and Expenditure Account, of the excess of Expenditure over Income for the year ended on that date.

For **ARSK & ASSOCIATES**
Chartered Accountants
Firm Registration No: 315082E




CA. S. K. Kabra
Partner
Membership No.: 052205

Place: Kolkata
Date: 15th June 2018


Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
BALANCE SHEET AS AT 31ST MARCH, 2018

	Schedules	As At 31.03.2018 Rs.
I. SOURCES OF FUND		
1. Trust Fund	A	1,23,19,521
2. Deposits from students		39,10,000
3. Loan Funds		
Unsecured loans	B	11,90,00,000
4. Current Liabilities	C	6,79,55,519
		<u>20,31,85,040</u>
II. APPLICATION OF FUNDS		
1. Fixed Assets	D	
a) Gross block		17,91,89,956
Less accumulated depreciation		<u>76,64,868</u>
Net block		17,15,25,088
b) Capital work-in-progress (including pre-operative expenses)	E	<u>1,04,82,204</u> 18,20,07,292
2. Investments	F	1,05,48,336
3. Current Assets		
a) Sundry debtors	G	48,16,722
c) Cash & Bank balances	H	30,58,529
d) Advances & Deposits	I	25,27,551
e) Other current assets		2,26,611
		<u>20,31,85,040</u>

Significant Accounting Policies & Notes on Accounts

M

The Schedules referred to above form an integral part of the Balance Sheet
As per our attached report of even date

For ARSK & ASSOCIATES
Chartered Accountants
Firm Registration No: 315082E

For and on behalf of governing board

CA. S.K. KABRA
Partner
Membership No: 052205



Place: Kolkata
Date: 15 JUN 2018

THE NEOTIA UNIVERSITY

[Signature]
Chancellor

THE NEOTIA UNIVERSITY

[Signature]
Vice Chancellor

THE NEOTIA UNIVERSITY

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2018

	Schedules	For the year ended 31.03.2018 Rs.
I INCOME		
* Fees and charges from students		3,90,68,027
Interest income		6,22,702
Donations		1,05,48,336
Miscellaneous income		<u>4,15,934</u>
		5,06,54,999
II EXPENDITURE		
Remuneration and other benefits to staff	J	3,52,31,774
Educational, Administrative and Other expenses	K	4,71,64,433
Finance cost	L	11,85,605
Depreciation expenses	D	<u>32,21,532</u>
		8,68,03,343
Excess of Expenditure over Income		<u>(3,61,48,345)</u>

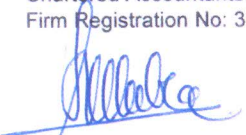
Significant Accounting Policies and Notes on Accounts

M

The Schedules referred to above form an integral part of the Income and Expenditure Account.
As per our attached report of even date


For ARSK & ASSOCIATES
Chartered Accountants
Firm Registration No: 315082E


For and on behalf of governing board



CA. S.K. KABRA
Partner
Membership No: 052205



Place: Kolkata
Date: 15 JUN 2018


THE NEOTIA UNIVERSITY
Chancellor


THE NEOTIA UNIVERSITY
Governing Board


Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
SCHEDULES TO THE ACCOUNTS AS AT 31ST MARCH 2018

As At
31.03.2018
Rs.

SCHEDULE - A : TRUST FUND

I. Corpus Fund

As per last accounts

Add: Contributions received during the year

4,00,00,000

4,00,00,000

II. General Fund

As per last accounts

Less: (Deficit) during the year

84,67,866

(3,61,48,345)

(2,76,80,479)

Total trust funds (I+II)

1,23,19,521

SCHEDULE - B : UNSECURED LOANS

From a body corporate

11,90,00,000

11,90,00,000

SCHEDULE - C : CURRENT LIABILITIES

Advance received from students

10,05,914

Current Liabilities

- for capital expenditure

46,61,808

- for expenses

66,48,984

1,13,10,792

Interest payable

10,33,668

Other payables

10,10,565

Statutory liabilities

10,23,181

Educational Development Trust - Advance

5,25,71,399

6,79,55,519

SCHEDULE - D : FIXED ASSETS

(separately annexed)

**SCHEDULE - E : CAPITAL WORK IN PROGRESS
(INCLUDING PRE-OPERATIVE EXPENSES)**

Opening balance

25,04,633

Add: Additions during the year

79,77,571

1,04,82,204

SCHEDULE - F : INVESTMENTS

- Investment in fixed deposits#

1,00,00,000

- 3,00,412 Equity shares of Raghuvir Vanijya

Private Limited - received as donation

5,48,336

1,05,48,336

Pledged with 'Government of West Bengal, Department of Higher Education, Science & Technology and Biotechnology'.

SCHEDULE - G : SUNDRY DEBTORS

Fees receivable from students

48,16,722

48,16,722

SCHEDULE - H : CASH & BANK BALANCES

Cash in hand (as certified by the management)

5,211

Balance with scheduled banks

30,53,318

Savings account

30,58,529

SCHEDULE - I : ADVANCES & DEPOSITS

Security deposits

3,95,130

Prepaid expenses

3,91,521

Advance to suppliers and others

10,19,296

Advance to employees

6,86,825

Tax deducted at source

34,779

25,27,551



THE NEOTIA UNIVERSITY

[Signature]
Chancellor

THE NEOTIA UNIVERSITY

[Signature]
Vice Chancellor

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
SCHEDULES TO THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2018

For the year ended
31.03.2018
Rs.

SCHEDULE - J : REMUNERATION AND OTHER BENEFITS TO STAFF

Salaries and other allowances	3,39,90,836
Staff Welfare expenses	3,41,410
Contribution to EPF,ESI,etc	8,99,528
	<u>3,52,31,774</u>

SCHEDULE - K : EDUCATIONAL, ADMINISTRATIVE AND OTHER EXPENSES

Advertisement & Publicity	1,23,33,912
Bank charges	23,415
Campus start-up cost	58,28,400
D.G.Shipping annual fee	2,17,652
Electricity charges	37,92,798
Entertainment expenses	1,05,215
Fees paid to Bar Council of India	15,50,000
Function & Ceremony expenses	82,491
Freight & Transportation	29,100
Garden maintenance	2,335
Generator running expenses	4,48,192
Hire charges	10,29,482
Hostel and Other expenses	32,29,365
Insurance expenses	25,037
Internet expenses	37,797
Laboratory expenses	2,17,751
Miscellaneous expenses	62,846
Organising Seminar & Conference	16,740
Printing and Stationary	7,13,237
Postage & Telecommunication	2,58,011
Photography charges	19,883
Placement expenses	5,410
Professional & Consultancy Fee	66,66,881
<u>Payment to Auditors</u>	
For audit fees	59,000
For certification fees	17,550
For income tax matters	70,800
For other Matters	59,000
For out of pocket expenses	28,600
Rent	2,34,950
Repairs and Maintenance	16,63,981
Rates & Taxes	31,24,148
Security charges	97,809
Student welfare expenses	14,12,182
Telephone expenses	5,32,997
Training fees	74,003
Travelling & Conveyance	11,50,000
Upkeep & Maintenance charges	17,11,391
	4,67,023
	<u>4,71,64,433</u>

SCHEDULE - L : Finance costs

Interest expenses	11,83,780
Other finance costs	1,825
	<u>11,85,605</u>



THE NEOTIA UNIVERSITY
[Signature]
Chancellor

THE NEOTIA UNIVERSITY
[Signature]
Vice Chancellor

THE NEOTIA UNIVERSITY
[Signature]
Vice Chancellor

THE NEOTIA UNIVERSITY
SCHEDULE TO THE ACCOUNTS

SCHEDULE D - FIXED ASSETS

DESCRIPTION OF ASSETS	GROSS BLOCK			DEPRECIATION			NET BLOCK		
	Balance as at 1st April 2017	Additions/Adjtu ment during the year	Subtraction during the year	Balance as at 31st March 2018	Balance as at 1st April 2017	Adjustment during the year	Depreciation charge for the year	Balance as at 31st March 2018	Balance as at 1st April 2017
Building & civil construction	14,25,17,300	-	-	14,25,17,300	38,04,430	-	23,23,032	13,63,89,838	13,87,12,870
Computer & Peripherals	3,06,327	6,18,659	-	9,24,986	3,982	-	97,107	8,23,897	3,02,345
Electrical installation	1,01,78,691	-	-	1,01,78,691	4,15,603	-	4,83,488	92,79,600	97,63,088
Air-conditioner	-	32,000	-	32,000	-	-	2,357	29,643	-
Furniture & Fixtures	44,45,043	7,93,815	-	52,38,858	2,09,307	-	2,85,914	47,43,637	42,35,736
Land and Site development	1,43,41,666	-	-	1,43,41,666	-	-	-	1,43,41,666	1,43,41,666
Library / faculty Books	61,781	5,072	-	66,853	1,654	-	3,093	4,747	60,127
Miscellaneous equipments	1,57,402	57,32,200	-	58,89,602	8,360	-	26,542	34,902	1,49,042
Total	17,20,08,210	71,81,746	-	17,91,89,956	44,43,336	-	32,21,532	17,15,25,088	16,75,64,874

THE NEOTIA UNIVERSITY

[Signature]
Chancellor

THE NEOTIA UNIVERSITY

[Signature]
Member
Governing Board



[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
SCHEDULE TO THE ACCOUNTS

SCHEDULE - M: SIGNIFICANT ACCOUNTING POLICIES AND NOTES ON ACCOUNT

1. ACCOUNTING POLICIES

i) Basis of Accounting:

The Trust prepares its accounts on accrual basis, as per the generally accepted accounting principles.

ii) Revenue Recognition

Revenue from Fees is recognized upon raising of Semester Fee Bills.

iii) Fixed Assets:

a) Fixed Assets are stated at cost of acquisition inclusive of duties, taxes, incidental expenses, erection / commissioning expenses and interest etc. upto the date the asset is put to use.

b) Expenditure incurred on new projects/phases under implementation are carried forward as pre-operative expenditure to be allocated appropriately to Fixed Assets on completion of the respective projects/phases or at the time when the asset is ready for intended use.

iv) Borrowing Costs:

Borrowing costs relating to the acquisition / construction of qualifying assets are capitalized until the time all substantial activities necessary to prepare the qualifying assets for their intended use are complete.

A qualifying asset is one that necessarily takes substantial period of time to get ready for its intended use.

All other borrowing costs are charged to revenue.

v) Depreciation:

Depreciation is provided on straight-line method at the rates specified in the Companies Act, 1956.

vi) Contingencies:

Liabilities which are material and whose future outcome cannot be ascertained with reasonable certainty are treated as contingent and disclosed by way of notes to the accounts.



THE NEOTIA UNIVERSITY

[Signature]

Chancellor

[Signature]

Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY

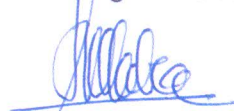
[Signature]

Governing Board

2. All assets, both present and future, are charged in favor of a bank for securing the loans granted to sponsoring trust.
3. Fixed Deposit amounting to Rs. 1,00,00,000/- is pledged in the name of 'Government of West Bengal, Department of Higher Education, Science & Technology and Biotechnology.'
4. All Current Assets are unsecured and considered good.
5. The University was established and incorporated on 3rd February, 2015 vide The Neotia University Act, 2014.
6. The Trust is registered under Income Tax Act, 1961.

Signatures to Schedules 'A' to 'M'
As per our Report of even date attached

For **ARSK & ASSOCIATES**
Chartered Accountants
Firm Registration No.: 315082E



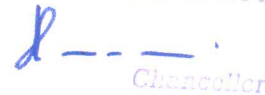
CA. S.K. KABRA
Partner
Membership No.: 052205



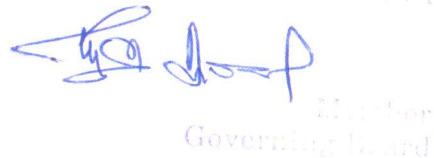
Place: Kolkata
Date: 15 JUN 2018

For and on behalf of governing board

THE NEOTIA UNIVERSITY


Chancellor

THE NEOTIA UNIVERSITY


Member
Governing Board
Vice Chancellor
THE NEOTIA UNIVERSITY

AUDITORS' REPORT

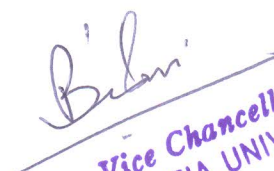
1. We have audited the Balance Sheet of **THE NEOTIA UNIVERSITY** as at 31st March 2019 and also the Income and Expenditure Account for the year ended on the date. These financial statements are the responsibility of the trustees. Our responsibility is to express an opinion on these financial statements based on our audit.
2. We conducted the audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the trustees, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. We further report that: -
 - a) We have obtained all the information and explanation, which to the best of our knowledge and belief were necessary for the purpose of the audit.
 - b) The Balance Sheet and the Income and Expenditure Account dealt with the Report are in agreement with the books of accounts as submitted to us.
 - c) In our opinion and to the best of our information and according to the explanations given to us, the said statements of accounts read with notes appearing in Schedule – L, give a true and fair view:
 - i) In the case of Balance Sheet, of the state of affairs as at 31st March, 2019
And
 - ii) In the case of Income and Expenditure Account, of the excess of Expenditure over Income for the year ended on that date.

For **ARSK & ASSOCIATES**
Chartered Accountants
Firm Registration No: 315082E




CA. S. K. Kabra
Partner
Membership No.: 052205

Place: Kolkata
Date: 06th May, 2019


Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
BALANCE SHEET AS AT 31ST MARCH, 2019

	Schedules	As At 31.03.2019 Rs.
I. SOURCES OF FUND		
1. Trust Fund	A	9,41,216
2. Deposits from students		1,06,70,000
3. Loan Funds		
Unsecured loans	B	18,20,00,000
4. Current Liabilities and provisions	C	3,39,96,116
		<u>22,76,07,332</u>
II. APPLICATION OF FUNDS		
1. Property, plant and equipment	D	
a) Gross block		19,41,87,536
Less : accumulated depreciation		<u>1,13,28,154</u>
Net block		18,28,59,382
2. Investments	E	1,01,00,000
3. Current Assets		
a) Fees receivable	F	1,03,37,778
b) Cash & Bank balances	G	75,01,316
c) Advances & Deposits	H	1,61,80,917
d) Other current assets		6,27,938
		<u>22,76,07,332</u>

Significant Accounting Policies & Notes on Accounts L

The Schedules referred to above form an integral part of the Balance Sheet
As per our attached report of even date


For ARSK & ASSOCIATES
Chartered Accountants
Firm Registration No: 315082E

For and on behalf of governing board


CA. S.K. KABRA
Partner
Membership No: 052205




THE NEOTIA UNIVERSITY



Chancellor

Place: Kolkata
Date: 06 MAY 2019

THE NEOTIA UNIVERSITY



Member
Governing Board


Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2019

	Schedules	For the year ended 31.03.2019 Rs.
I INCOME		
Fees and charges from students		8,52,47,301
Interest income		16,26,304
Donation		50,09,910
Miscellaneous income		8,31,299
		<u>9,27,14,813</u>
II EXPENDITURE		
Remuneration and other benefits to staff	I	4,53,51,757
Donation given		5,58,746
Educational, Administrative and Other expenses	J	5,35,71,351
Finance cost	K	1,79,47,980
Depreciation expenses	D	36,63,285
		<u>12,10,93,119</u>
Excess of Expenditure over Income		<u>(2,83,78,305)</u>
Significant Accounting Policies and Notes on Accounts	L	

The Schedules referred to above form an integral part of the Income and Expenditure Account.
As per our attached report of even date.

For ARSK & ASSOCIATES
Chartered Accountants
Firm Registration No: 315082E

For and on behalf of governing board


CA. S.K. KABRA
Partner
Membership No: 052205




THE NEOTIA UNIVERSITY

Chancellor

Place: Kolkata
Date 06 MAY 2019

THE NEOTIA UNIVERSITY

Member
Governing Board


Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
SCHEDULES TO THE ACCOUNTS AS AT 31ST MARCH 2019

As At
31.03.2019
Rs.

SCHEDULE - A : TRUST FUND

I. Corpus Fund	
As per last accounts	4,00,00,000
Add: Contributions received during the year	1,70,00,000
	<u>5,70,00,000</u>
II. General Fund	
As per last accounts	(2,76,80,479)
Less: (Deficit) during the year	(2,83,78,305)
	<u>(5,60,58,784)</u>
Total trust funds (I+II)	<u><u>9,41,216</u></u>

SCHEDULE - B : UNSECURED LOANS

From bodies corporate	18,20,00,000
	<u>18,20,00,000</u>

SCHEDULE - C : CURRENT LIABILITIES

Advance received from students	25,23,618
Current Liabilities	
- for capital expenditure	15,29,349
- for expenses	62,99,315
Interest payable	78,28,664
Other payables	1,61,44,051
Statutory liabilities	34,06,243
Provision for gratuity	21,95,540
	18,98,000
	<u>3,39,96,116</u>

SCHEDULE - D : PROPERTY, PLANT AND EQUIPMENT
(separately annexed)

SCHEDULE - E : INVESTMENTS

- Investment in fixed deposits#	1,01,00,000
	<u>1,01,00,000</u>

Includes Rs. 1 Crore fixed deposit, pledged with 'Government of West Bengal, Department of Higher Education, Science &

SCHEDULE - F : Fees receivable

Fees receivable from students	1,03,37,778
	<u>1,03,37,778</u>

THE NEOTIA UNIVERSITY

[Signature]
Chancellor

THE NEOTIA UNIVERSITY

[Signature]

Member
Governing Board

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY



THE NEOTIA UNIVERSITY
SCHEDULES TO THE ACCOUNTS AS AT 31ST MARCH 2019

As At
31.03.2019
Rs.

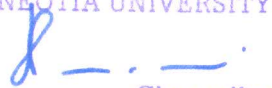
SCHEDULE - G : CASH & BANK BALANCES

* Cash in hand (as certified by the management)	35,881
Balance with scheduled banks	
Savings account	74,65,435
	<u>75,01,316</u>

SCHEDULE - H : ADVANCES & DEPOSITS

Security deposits	1,73,930
Prepaid expenses	2,85,244
Advance to suppliers and others	14,15,885
Tax deducted at source	77,375
Educational Development Trust - Advance	1,42,28,483
	<u>1,61,80,917</u>

THE NEOTIA UNIVERSITY


Chancellor

THE NEOTIA UNIVERSITY


Member
Governing Board




Vice Chancellor
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY
SCHEDULES TO THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2019

For the year ended
31.03.2019
Rs.

SCHEDULE - I : REMUNERATION AND OTHER BENEFITS TO STAFF

Salaries and other allowances	3,96,50,209
Staff welfare expenses	24,62,184
Contribution to EPF,ESI,etc	32,39,364
	<u>4,53,51,757</u>

SCHEDULE - J : EDUCATIONAL, ADMINISTRATIVE AND OTHER EXPENSES

Advertisement & Publicity	1,32,17,939
Bank charges	10,823
Electricity charges	51,46,484
Entertainment expenses	1,15,938
Fees paid to :	
- Pharmacy Council of India	2,10,118
- AICTE	5,127
- D.G.Shipping	1,77,948
Freight & Transportation	3,93,193
Garden maintenance	15,400
Generator running expenses	13,220
Hire charges	5,87,566
Hostel and Other expenses	3,81,238
Insurance expenses	77,10,153
Internet expenses	1,46,411
Laboratory expenses	12,737
Membership & subscription fees	4,58,482
Miscellaneous expenses	3,65,089
Printing and Stationary	1,95,804
Postage & Telecommunication	4,42,246
Photography charges	1,22,050
Placement expenses	2,260
Professional & Consultancy Fee	2,399
Payment to Auditors	1,03,98,325
For audit fees	59,000
For certification fees	11,800
For income tax matters	66,700
For out of pocket expenses	10,000
Rent	1,47,500
Repairs and Maintenance	13,32,112
Rates & Taxes	52,83,101
Security charges	45,988
Student welfare expenses	21,13,322
Irrecoverable fees written off	13,37,081
Sundry balances written off	3,20,999
Telephone expenses	1,68,250
Training fees	59,807
Travelling & Conveyance	11,80,000
Upkeep & Maintenance charges	11,48,311
	<u>6,97,124</u>
	<u>5,35,71,351</u>

SCHEDULE - K : Finance costs

Interest expenses	1,79,37,835
Other finance costs	10,145
	<u>1,79,47,980</u>

THE NEOTIA UNIVERSITY

[Signature]
Chancellor

THE NEOTIA UNIVERSITY

[Signature]
Member
Governing Board

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY



THE NEOTIA UNIVERSITY
SCHEDULE TO THE ACCOUNTS

SCHEDULE D - PROPERTY, PLANT & EQUIPMENT

DESCRIPTION OF ASSETS	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	Balance as at 1st April 2018	Additions/Adjustment during the year	Subtraction during the year	Balance as at 31st March 2019	Balance as at 1st April 2018	Depreciation charge for the year	Balance as at 31st March 2019	Balance as at 1st April 2018
Building & civil construction	14,25,17,300	79,93,307	-	15,05,10,607	61,27,462	23,23,389	14,20,59,756	13,63,89,838
Computer & Peripherals	9,24,986	4,94,115	-	14,19,101	1,01,089	1,94,276	2,95,365	8,23,897
Electrical Installation	1,01,78,691	27,54,664	-	1,29,33,354	8,99,091	4,83,846	1,38,29,37	92,79,600
Fan	-	2,04,706	-	2,04,706	-	3,916	2,00,790	-
Air-conditioner	32,000	38,135	-	70,135	2,357,04	5,611	62,167	29,643
Furniture & Fixtures	52,38,858	1,51,000	-	53,89,858	4,95,221	3,36,412	45,58,225	47,43,637
Land and Site development	1,43,41,666	5,95,027	-	1,49,36,693	-	-	1,49,36,693	1,43,41,666
Library / faculty Books	66,853	5,19,550	-	5,86,403	4,747	6,990	11,737	62,106
Miscellaneous equipments	58,89,602	22,97,636	50,560	81,36,678	34,902	3,08,845	77,92,931	58,54,700
Total	17,91,89,956	1,50,48,140	50,560	19,41,87,536	76,64,868	36,63,285	18,28,59,382	17,15,25,088

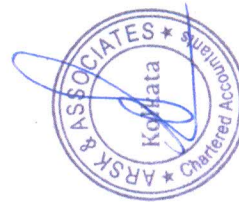
THE NEOTIA UNIVERSITY

THE NEOTIA UNIVERSITY

[Signature]
Chancellor

[Signature]
Member
Governing Board

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY



THE NEOTIA UNIVERSITY
SCHEDULE TO THE ACCOUNTS

SCHEDULE - L: SIGNIFICANT ACCOUNTING POLICIES AND NOTES ON ACCOUNT

1. ACCOUNTING POLICIES

i) Basis of Accounting:

The Trust prepares its accounts on accrual basis, as per the generally accepted accounting principles.

ii) Revenue Recognition

Revenue from Fees is recognized upon raising of Semester Fee Bills.

iii) Property, plant and equipment:

a) Property, plant and equipment are stated at cost of acquisition inclusive of duties, taxes, incidental expenses, erection / commissioning expenses and interest etc. upto the date the asset is put to use.

b) Expenditure incurred on new projects/phases under implementation are carried forward as pre-operative expenditure to be allocated appropriately to Property, plant and equipment on completion of the respective projects/phases or at the time when the asset is ready for intended use.

iv) Borrowing Costs:

Borrowing costs relating to the acquisition / construction of qualifying assets are capitalized until the time all substantial activities necessary to prepare the qualifying assets for their intended use are complete.

A qualifying asset is one that necessarily takes substantial period of time to get ready for its intended use.

All other borrowing costs are charged to revenue.

v) Depreciation:

Depreciation is provided on straight-line method at the rates specified in the Companies Act.

vi) Contingencies:

Liabilities which are material and whose future outcome cannot be ascertained with reasonable certainty are treated as contingent and disclosed by way of notes to the accounts.



THE NEOTIA UNIVERSITY

[Signature]
Chancellor

THE NEOTIA UNIVERSITY

[Signature]

Member
Governing Board

[Signature]
Vice Chancellor
THE NEOTIA UNIVERSITY

2. All assets, both present and future, are charged in favor of a bank for securing the loans granted to sponsoring trust.
3. Fixed Deposit amounting to Rs. 1,00,00,000/- is pledged in the name of 'Government of West Bengal, Department of Higher Education, Science & Technology and Biotechnology.'
4. All Current Assets are unsecured and considered good.
5. The University was established and incorporated on 3rd February, 2015 vide The Neotia University Act, 2014.
6. The Trust is registered under Income Tax Act, 1961.

Signatures to Schedules 'A' to 'L'
As per our Report of even date attached

For **ARSK & ASSOCIATES**
Chartered Accountants
Firm Registration No.: 315082E



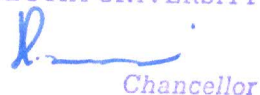
CA, S.K. KABRA
Partner
Membership No.: 052205



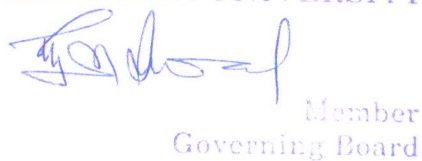

Place: Kolkata
Date: 06 MAY 2019

For and on behalf of governing board

THE NEOTIA UNIVERSITY


Chancellor

THE NEOTIA UNIVERSITY


Member
Governing Board
Vice Chancellor
THE NEOTIA UNIVERSITY

The Neotia University
Statutory Body Meeting Details

Sl. No	Council/Board/ Committee		Dates of Meetings
1.	Governing Board (GB)	1 st	29 th April, 2015
		2 nd	20 th August, 2015
		3 rd	17 th November, 2015
		4 th	3 rd January, 2016
		5 th	1 st August, 2016
		6 th	26 th August, 2016
		7 th	21 st February, 2017
		8 th	17 th August, 2017
		9 th	30 th January, 2018
		10 th	15 th June, 2018
		11 th	21 st August, 2018
		12 th	15 th February, 2019
		13 th	6 th May, 2019
		14 th	10 th December, 2019
		15 th	10 th September, 2020
		16 th	8 th December, 2020
2.	Academic Council	1 st	15 th November 2016
		2 nd	24 th July 2017
		3 rd	22 nd December, 2017
		4 th	13 th February, 2018
		5 th	25 th April, 2019
		6 th	25 th September, 2019
		7 th	8 th July, 2020
		8 th	11 th January, 2021
3.	Faculty Council Meeting		
1	School of Agriculture & Allied Sciences		4 th September 2019 14 th February, 2020 8 th October, 2020
2	School of Hospitality Administration and Culinary art		9 th September 2019 20 th January, 2021
3	School of Pharmacy		20 th September 2019 7 th October, 2020
4	School of Maritime Studies		8 th November, 2019 30 th October, 2019 8 th November, 2019
5	School of Health Sciences		14 th November 2019 3 rd March, 2020 6 th October, 2020
6	School of Science and Technology		6 th September 2019 2 nd December, 2019 27 th February, 2020
7	School of Law		9 th December, 2019
8	School of Humanities Management and Social Sciences		6 th October, 2020


Vice Chancellor
THE NEOTIA UNIVERSITY

Annexure N

Research Profile

The Neotia University

Research Scholars (PhD Scholar) of The Neotia University

Serial number	Name of the Scholar	Academic unit/School	Name of Supervisor
1	Ms. Poulomi Chakraborty	Biotechnology	Dr. Prosun Tribedi
2	Ms. Payel Paul		
3	Mr. Ranojit K. Sarker		
4	Ms. Suchandra Goswami	Physics	Dr. Debajyoti De & Dr. Manashi Chakraborty
5	Mr. Amlan Sen	Robotics	Dr. Ankush Ghosh
6	Ms. Bitobi Lahiri	Humanities, management and social sciences	Dr. Saroj Upadhyay
7	Ms. Sudeshna Gupta		
8	Ms. Durba Raychaudhuri	English	Dr. Dipannita Datta
9	Mr. Biswanath Sarkar		
10	Ms. Suparna Roy Chowdhury	Mathematics	Dr. Mostaid Ahmed
11	Ms. Priyanka Mondal	Mathematics	Dr. Ayan Chatterjee

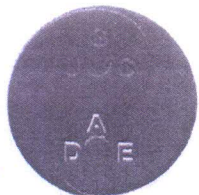

Vice Chancellor
THE NEOTIA UNIVERSITY

Research Projects (Externally funded as well as internally funded details)

Externally funded projects

1. Effect of A-site sophisticated disorder on the Electromagnetic properties of 'A-site ordered R_{Ba}Mn₂O₆ (R= rare earth)' perovskite. Grant sanctioned by UGC-DAE in CRS scheme for 3 years (2017-19). (Sanction number: UDCSR/MUM/CD/CRS-M254/2017/1024) (Sanction amount: INR 1,35,000.00) (Date of Sanction of Project: January 18, 2017) (PI: Dr. Kalyanashis De) (Project closed)
2. Dependence of Exchange Bias on Interparticle Interaction. Grant sanctioned by SERB, Govt. of India. (Sanction number: EMR/2017/001195) (Sanction amount: INR 36,32,145) (Date of Sanction of Project: September 26, 2017) (PI: Dr. Debajyoti De & Co-PI: Dr. Manashi Chakraborty) (Project ongoing)
3. Strategy development for the applications of biofertilizers into the soil to increase the soil fertility": An efficient way to substitute the hazardous chemical fertilizer application Grant sanctioned by SERB, DST, Govt. of India. (Sanction number: YSS/2015/000387) (Sanction amount: INR 23,20,145) (Date of Sanction of Project: December 18, 2015) (PI: Dr. Prosun Tribedi) (Project closed)


Vice Chancellor
THE NEOTIA UNIVERSITY



Mumbai Centre
मुंबई केन्द्र

UGC-DAE Consortium For Scientific Research

विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग - नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities : IUC-DAEF)

Ref: UDCSR/MUM/CD/CRS-M-254/2017/ 1024

Dt. 18 January, 2017

To,
Dr. Kalyanashis De
Assistant Professor
Department of Physics
Neotia Institute Technology Management and Science Jhinga,
Diamond Harbour Road,
P.O. Amira, South 24 Parganas, West Bengal. - 743368

Sub: Sanction of Collaborative Research Scheme titled "*Effect of A-site sophisticated disorder on the Electromagnetic properties of 'A-site ordered RBaMn₂O₆ (R=rare earth) perovskite*" (CRS-M-254)

Dear Dr. Kalyanashis,

We are happy to inform you that following the Project Review Meeting held on 18.10.2016 at Mumbai, your above Collaborative Research Scheme (CRS) project has been sanctioned. Presently the project is sanctioned for one year w.e.f 1st January, 2017, but it may be extended after a review every year, subject to a total period of three years. The financial sanctions for the year 2017 are as follows:

Sl. No.	Head	Amount sanctioned for current year (01.01.2017 – 31.12.2017)
1.	Chemicals/Consumables	30,000.00
2.	Contingency	15,000.00
	Total	45,000.00
Note: No overheads are available under this scheme		

Guidelines regarding implementation of the CRS, Review, Appointment of Project fellow, Travel support to the PI or Student to visit BARC for performing experiments, etc, are enclosed herewith.

Dr. S. Mukherjee, UGC-DAE CSR, Mumbai Centre, (E Mail: sudipm@csr.res.in), will be your Principal Collaborator (PC) for the above scheme. You may contact him for implementation of the scheme.

Please send us your acceptance letter by 30.01.2017. On receipt of your acceptance letter, financial grant for CRS will be sent through NEFT/ RTGS (kindly provide details in the enclosed format along with the acceptance letter) to the Registrar/Financial Authority of your Institute.

Thanking you,

Yours sincerely

o/c

(V. Siruguri)

Encl: As stated

Copy to,

1. Director, Neotia Institute Technology Management and Science Jhinga, Diamond Harbour Road, P.O. Amira, South 24 Parganas, West Bengal. - 743368
2. Head, Solid State Physics Division, BARC, Trombay, Mumbai-400 085.
3. Director, UGC-DAE CSR, Univ. Campus, Khandwa Road, Indore-452 017.
4. Dr. S. Mukherjee, UGC DAE CSR, Mumbai Centre, BARC, Trombay, Mumbai-400 085.

Vice Chancellor
THE NEOTIA UNIVERSITY

आर-5 शेड, भाभा परमाणु अनुसंधान केन्द्र, ट्रॉम्बे, मुंबई - 400 085

R-5 Shed, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085.

Phone : +91 022 25594727, 25505327, 25594931 • Fax : +91 022 25505402

Dated: 12-Sep-2018

ORDER

Subject: Financial Sanction of the research project titled "**Dependence of Exchange Bias on Interparticle Interaction**" under the guidance of Dr. Debajyoti De, Physics, The Neotia University, Sarisa, d.h. road, 24 pgs (south), South 24 parganas, West bengal-743363 and by Dr. Manashi Chakraborty, Assistant Professor, Chemistry, The Neotia University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3632145/-** (Rs. Thirty Six Lakh Thirty Two Thousand One Hundred and Forty Five Only) with break-up of **Rs. 1475550/- under Capital (Non-recurring) head and Rs. 2156595/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3632145/-** has been approved are given below: The following budget may be considered for **The Neotia University, Sarisa, D.H. Road, 24 Pgs (South)**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Agate mortar and pestle -> Box / Chamber Furnace -> Glove box -> Vacuum drier/heater With Vacuum Pump -> Analytical Balance -> Magnetic rotor with heater -> Laboratory Centrifuge -> Vacuum pump -> Three Zone Tube Furnace -> Hydraulic press -> Ultrasonic Cleaner With Heater thermostat -> Palletizer	1475550
A'	Total (Non-Recurring)	1475550
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	1076400 750000
2	Recurring - III : (Overhead Charges)	330195
B'	Total (Recurring)	2156595
C	Total cost of the project (A' + B')	3632145

2. Sanction of the SERB is also accorded to the payment of **Rs. 1475550/-** (Rupees Fourteen Lakh Seventy Five Thousand Five Hundred and Fifty only) under 'Grants for creation of capital assets' and **Rs. 724450/-** (Rupees Seven Lakh Twenty Four Thousand Four Hundred and Fifty only) under 'Grants-in-aid General' to **Vice Chancellor, Academic and Registrar, Administrative, The Neotia University, Sarisa, D.H. Road, 24 Pgs (South)** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**. This release is being made under **Core Research Grant. (PAC Physical Sciences)**

4. The Sanction has been issued to The Neotia University, Sarisa, D.H. Road, 24 Pgs (South) with the approval of the competent authority under delegated powers on **11 September, 2018** and vide Diary No. **SERB/F/6742/2018-2019** dated **11 September, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).


Vice Chancellor
THE NEOTIA UNIVERSITY

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 2200000/- (Rupees Twenty Two Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	The Neotia University
Account Number	07912500009980
Bank Name & Branch	DCB Bank Limited Premlata Building, 39 Shakespeare Sarani, Kolkata-700017 Phone No: 033-22836831, 033-22836830
IFSC/RTGS Code	DCBL0000079
Email id of A/C Holder	accounts@nitmas.edu.in
Email id of PI	debajyoti.phys@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/001195 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

Nilotpal Ghosh

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi

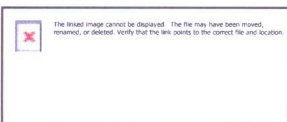
Copy forwarded for information and necessary action to: -

Bilal
Vice Chancellor
THE NEOTIA UNIVERSITY

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor i.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	<p>Dr. Debajyoti De Physics The Neotia University, Sarisa, d.h. road, 24 pgs (south), South 24 parganas, West bengal-743363 Email: debajyoti.phys@gmail.com Mobile: 919433769253</p> <p>Dr. Manashi Chakraborty Chemistry The Neotia University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Vice Chancellor, Academic and Registrar, Administrative, The Neotia University, Sarisa, D.H. Road, 24 Pgs (South)</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

Nilotpal Ghosh
(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

Bulm
Vice Chancellor
THE NEOTIA UNIVERSITY



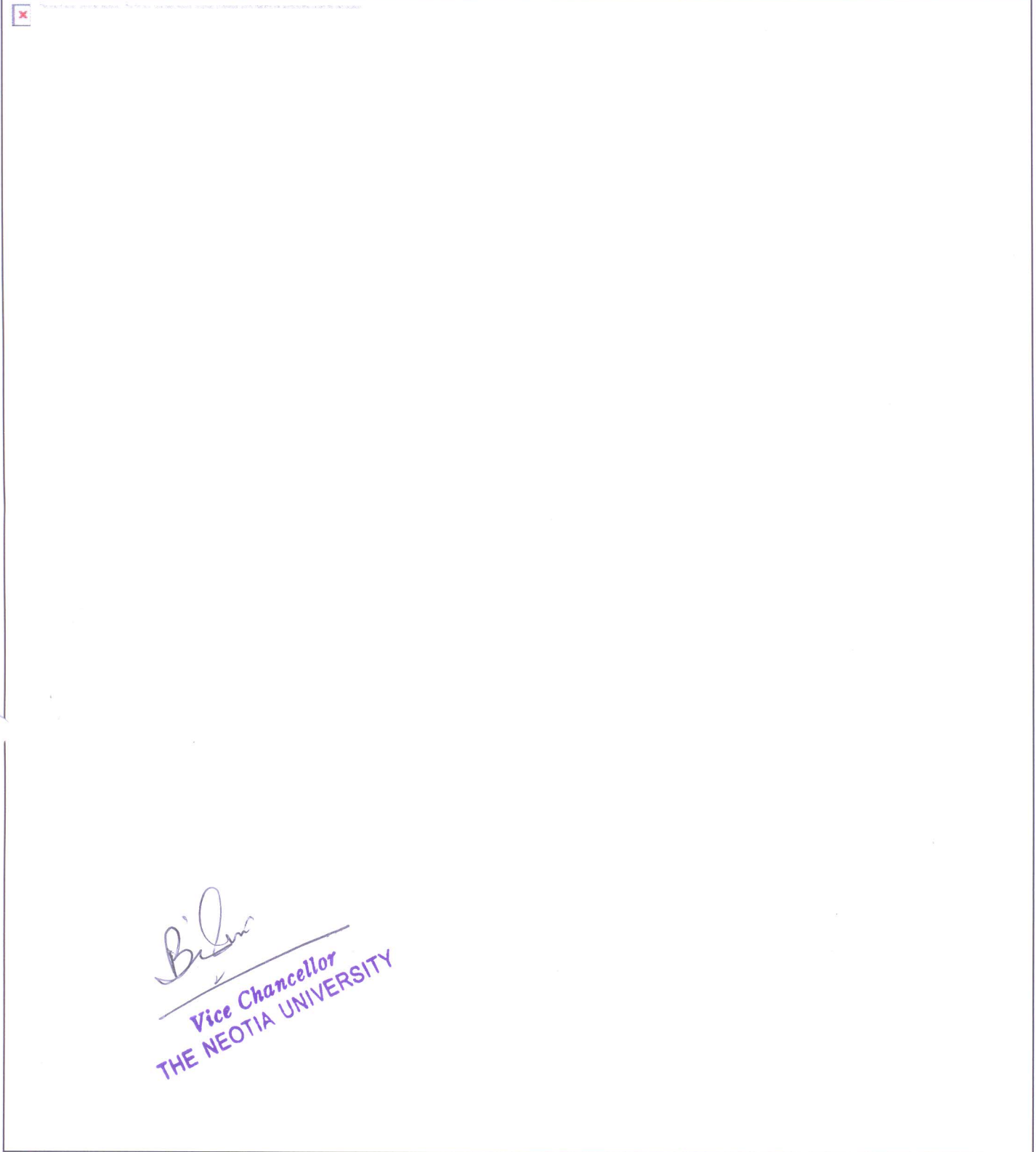
Prosun Tribedi <tribedi.prosun@gmail.com>

SERB-Notification

2 messages

SERB_Administrator@serbonline.in<SERB_Administrator@serbonline.in>
"info@serbonline.in"@imsva02.cdacnoida.in

Thu, Mar 15, 2018 at 11:32 AM To:



	Exchange Rate :0.016], Estimated FC Cost: 2400 USD			
A'	Total - Capital	400000	399748	252
B	Recurring Items			
1	Manpower -> Project Fellow - 1[{ Rs. 240000/- PY for I year , Rs. 240000/- PY for II year , Rs. 240000/- PY for III year }] -> Project Fellow - 1[{ Rs. 240000/- PY for I year , Rs. 240000/- PY for II year , Rs. 240000/- PY for III year }]	720000	185333	534667
2	Consumables	600000	126204	473796
3	Travel	150000	35000	115000
4	Contingencies	150000	28000	122000
5	Other Cost	0	0	0
	General - I (Manpower, Consumables, Travel, Contingencies, Other Cost)	1620000	374537	1245463
	General - II Overhead Charges	300000	100000	200000
B'	Total - Recurring	1920000	474537	1445463
C	Total cost of the project (A' + B')	2320000	874285	1445715

2. The revised total cost of the project at **Assam Don Bosco University, Airport Road, Azara, Guwahati** would be Rs. 874285/- and total cost for **The Neotia University, Sarisa, D.H. Road, 24 Pgs (South)** would be Rs. 1445715/- The project duration is till 18 December, 2018.

3. Sanction of the competent authority is hereby accorded to the payment of a sum of

- Rs. 550000/- (Rupees Five Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Registrar, The Neotia University, Sarisa, D.H. Road, 24 Pgs (South)**

being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.

4. Sanction of the competent authority is also accorded to the transfer of unspent balance of **Rs. 188458/-** (Rupees One Lakh Eighty Eight Thousand Four Hundred and Fifty Eight only) (Recurring Rs. 188206 and Non-Recurring Rs.

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website(www.serb.gov.in).

6. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

7. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

This release is being made under Start Up Research Grant (Young Scientist). (EC Life Sciences)

8. The Sanction has been issued to The Neotia University, Sarisa, D.H. Road, 24 Pgs (South) with the approval of the competent authority under delegated powers on **16 February, 2018** and vide Diary No. **SERB/F/9441/2017-2018** dated **19 February, 2018**

9. The release amount of **Rs. 550000/-** (Rupees Five Lakh Fifty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	The Neotia University
Account Number	07912500009980
Bank Name & Branch	DCB Bank Limited Premtala Building, 39 Shakespeare Saran i , Kol-700017
IFSC/RTGS Code	DCBL0000079
Email id of A/C Holder	accounts@nitmas.edu.in
Email id of PI	tribedi.prosun@gmail.com

10. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority/ audit whenever the institute is called upon to do so.

12. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and unaudited statement of accounts pertaining to the grant immediately after the end of each financial year.


Vice Chancellor
THE NEOTIA UNIVERSITY

13. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

14. The organization/institute/ university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

16. The File no. YSS/2015/000387 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

17. As this is the first grant to the **The Neotia University, Sarisa, D.H. Road, 24 Pgs (South)** for the fellowship, no previous U/C is required.

(Dr. Pramod Kumar Prasad)

Scientist C

pk.prasad@serb.gov.in

To,

Under Secretary

SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

<https://mail.google.com/mail/u/0/?ik=0aaac8a06b&view=pt&search=all&permthid=thread-f%3A1594982406288875695&simpl=msg-f%3A15949824062...> 4/5


Vice Chancellor
THE NEOTIA UNIVERSITY

4.	Dr. Prosun Tribedi Microbiology The Neotia University , Sarisa, d.h. road, 24 pgs (south), South 24 parganas, West bengal-743363 Email: tribedi.prosun@gmail.com Mobile: 919836942746
5.	Registrar, The Neotia University, Sarisa, D.H. Road, 24 Pgs (South)
6.	Director, Assam Don Bosco University, Airport Road, Azara, Guwahati

(Dr. Pramod Kumar Prasad)

Scientist C

pk.prasad@serb.gov.in

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ProsunTribedi<tribedi.prosun@gmail.com>


Fri, Mar 16, 2018 at 9:53 AM

To: Ashok Kolaskar<akolaskar@yahoo.com>, partha.kumar@ambujaneotia.com

[Quoted text hidden]


Vice Chancellor
THE NEOTIA UNIVERSITY

<https://mail.google.com/mail/u/0?ik=0aaac8a06b&view=pt&search=all&permthid=thread-f%3A159498240628875695&simpl=msg-f%3A15949824062...> 5/5


Vice Chancellor
THE NEOTIA UNIVERSITY

**List of applicants selected for university sponsored research project in The
Neotia University**

SL NO	NAME OF THE FACULTY	NAME OF THE ACADEMIC UNIT	TITLE OF THE PROJECT	SANCTION NO	AMOUNT	EFFECTIVE DATE
1.	Dr. Manashi Chakraborty (PI)	Chemistry	Improving multiferroicity with RGO/GO/Graphene based Nano composites	R&D/2020/F1	40000	01/03/2020
2.	Dr. Prosun Tribedi (PI)	Biotechnology	Study to investigate the role of naturally occurring amino acids in the inhibition of biofilm of <i>Pseudomonas aeruginosa</i> : a potential approach to regulate the microbial biofilm dynamics.	R&D/2020/F2	40000	01/03/2020
3.	Dr. Amit Sarkar (PI)	Biotechnology	Baseline study on prevalence of pathogenic, multi drug resistant <i>Vibrio parahaemolyticus</i> in marine and fresh water fish from Diamond Harbour area and molecular characterization of their virulence genes	R&D/2020/F3	46500	01/03/2020
4.	Prof. (Dr.) Malay Kumar Samanta (PI)	Pharmacy	Validation of <i>Eupatorium Triplinervevahl.</i> on probable regeneration of endogenous β cells leads to the restoration of insulin secretion and normalization of hyperglycaemia in type-I diabetes	R&D/2020/F4	55000	01/03/2020

B. Saha

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THE NEOTIA UNIVERSITY

5.	Prof. Dr. Sushil Kothari (PI) Mrs. Sruba Saha (Co-PI)	Agriculture	Evaluation of sesame germplasm on the basis of different yield and yield attributing traits under saline condition in South 24 Parganas, West Bengal.	R&D/2020/F5	40000	01/03/2020
6.	Dr. Bidisha Mondal (PI)	Agriculture	Estimation and characterization of essential oil from the surplus leaves of Betel vines (<i>Piper betel</i> L.) for effective waste management and enhancement of rural employability and economy of South Bengal	R&D/2020/F6	30000	01/03/2020
7.	Dr. Piyali Dutta (PI) Mr. Sarthak Bhattacharya (Co-PI)	Agriculture	Evaluation of recently developed high yielding vetiver (<i>Chrysopogonizanioides</i> L.) varieties in salinity affected South 24 Parganas district of West Bengal.	R&D/2020/F7	20000	01/03/2020
8.	Dr. Ankush Ghosh (PI)	Robotics	To study the feasibility of spintronic devices and its impacts on VLSI/ULSI circuits for the realization of low power and high speed digital systems for medical and space applications	R&D/2020/F8	37000	01/03/2020
9.	Dr. Anish Das (PI) Ms. Debasmitalana (Co-PI) Dr. P.K. Mukhopadhyay (Co-PI)	Fishery	Pilot scale trial on development of a feeding strategy in cage culture of GIFT- Tilapia (<i>Oreochromis mosambicus</i>)	R&D/2020/F9	40000	01/03/2020

The Neotia University

Information regarding Inter Departmental Research Biotechnology

Faculty name	Research expertise	Instrument list (research grade)
Dr. Amit Sarkar	Molecular genetics	<ol style="list-style-type: none"> 1. laminar AirFlow 2. IncubatorShaker 3. pHMeter 4. Finebalance 5. Autoclave 6. Table topcentrifuge 7. Agarose gelelectrophoresis apparatus 8. Trans-illuminator 9. UV-VIS spectrophotometer 10. WaterBath 11. Hot airoven
Dr. ProsunTribedi	<ol style="list-style-type: none"> 1. General and basic bacteriology 2. Bioremediation withspecial emphasis onpolythene 3. Microbial ecosystem restoration 4. Microbial adaptive response againststress 5. Microbial biofilm biology (Development and inhibition kinetics as well) 6. Antimicrobials 	<ol style="list-style-type: none"> 12. 37Cincubator 13. Vortex 14. Magneticstirrer 15. Protein gelelectrophoresis apparatus 16. Gelrocker 17. Water distillationplant 18. Reynolds Apparatus (with SStank) 19. Pressure Drop through PackedBed 20. Jaw Crusher with controlpanel 21. Roll Crusher with controlpanel 22. Ball Mill (with AC/DC motor and controlpanel) 23. Vapour in Air DiffusionApparatus 24. Vapour-liquid Equilibrium set up withRefractometer 25. RotaryDryer 26. Abbe refractometer 27. Dead-weight PressureGaugeTester 28. Characteristics of PIDController 30. MeasurementoflevelbyAirpurge methodset-up 31. Air Compressor 1HP,4CFM 32. Continuous Stirred TankReactor 33. Packed BedReactor 34. Plug FlowReactor

B. S.
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THE NEOTIA UNIVERSITY

Inter Departmental Research Committee(R & D Committee), The Neotia University

Name of the Department	Chemistry				
Allied Departments to carry out Inter Departmental Research	Biotechnology, Agriculture, Physics, Mechanical, Electrical, Marine				
Expectations from the Allied Departments	Mutual access of facilities				
Probable Contributions of your Department	Manpower				
	Existing		Required		
	2 Faculties 1 Tech. Astt.		1 Tech. Astt.		
	Facilities				
	Sl No.	Instrument (Research Grade)	Specification	Number of Instruments available	
	(List attached)				
Budget	A start up budget may be sanctioned for purchase of research grade chemicals and repair of a few instruments				
List of books and journals available in Departmental Library(if any)	NA				
Remarks and Suggestions					
Facilities may be accessed by (Put a tick mark)	Students		Faculties		Staffs
	√		√		√
Protocol	Permission Granting Authority(ies)		In Time	Out Time	Adjustment of classes during the mentioned time
	HoD, Department of User HoD, Department of service provider		Will depend on the nature of work and availability of support staff		May be excused
Maintenance of Ledger	Name	Date	Instrument	In Time	Out Time
Accountability of any damage caused to the facilities	User	Department of the User	Service providing Department	Institute	
	√	√	√	√	

Babu
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THE NEOTIA UNIVERSITY

In order to promote Inter Departmental Research, a Centralized system may be developed for

1. Facilities available in different Departments must be made known to other Departments to plan the nature of work.
 2. Requisition of using facilities of other Departments may be submitted here after recommendations from concerned HoDs.
 3. Small working budget may be submitted here for purchase/maintenance/repair of research related facilities.
 4. Monthly meetings and discussion sessions may be coordinated by this system in order to evaluate the progress and merit of ongoing Inter Departmental Research and also future prospects.
- Etc.

Areas of Interest in Research: Department of Chemistry

1. Dr. Abhijit Samanta

Rheology, Macromolecules, Interfacial Tension, Fluid flow through Porous Media, Bioenergy, Microbial Growth Kinetics.

2. Manashi Chakraborty


Synthetic Inorganic Chemistry, Density Functional Theory, Transport and Magnetic Properties of Nanomaterials, Multiferroicity


Vice Chancellor
THE NEOTIA UNIVERSITY

List of Equipments

Sl.No.	Name of Instruments/Equipments	Specification	Quantity
1	Air Oven	Stainless steel (15"x15"x18")	1
2	Digital Balance	Single pan, Model no.CTG-302, Max. wt.310g	2
3	Digital Conductivity Meter	Digital Conductivity meter-304	4
4	Digital p ^H Meter	Digital p ^H Meter-335	4
5	Water testing Kit	"Minilab" contained in a wooden box.	2
6	Water bath	Water bath digital temp. control with plain lid having 6 nos. holes with concentric rings of s.steel	1
7	Rotary shaker	16 nos.Bottle holders, digital RPM system variable speed.	1
8	Dean &starck apparatus	Specification as per ASTM D2448	1
9	Viscometry Bath	Round bath (beaker),9" diameter x13" height jacketed, temp. controlled by digital system, temp. range from room temp. to 100 ⁰ c	1
10	Cleaveland open cup flash point appt.	Cleave land open cup(as per ASTM D92) electrically heated model with energy regulator, gas test flame.	1
11	Pensky Martens closed cup flash point appt.	Pensky Martens closed cup(as per ASTM D93) electrically heated model with energy regulator, gas test flame.	1
12	Muffle Furnace	Muffle size 4"x4"x9" digital control system	1
13	Magnetic stirrer	with out heater	1
14	Magnetic stirrer	with heater	1
15	Refrigerator	Sumsung 393L, digital technology	1
16	Digital Conductivity –TDS Meter	Type-MK50916,SR NO.-6944,6945,6946,6947,6948,&6890	1
17	Digital turbidity Meter	Type-132, sr.no.-6543	1
18	High vacuum pumps	Direct driven, Model :DC-51, no of stage –single. Capacity - 50LPM,motor rating- 0.25HP,220V. ultimate vacuum attained 0.01mm of Hg	1
19	Fume hood arrangement	Assembled and made to order	1
20	Stalagmometer	Glass	1
21	UG Lab Grade Chemicals available. Availability of necessary chemical/s may be inquired from Mr. ArabindaSaha		

List of Instruments prepared by Mr. ArabindaSaha, Technical Assistant, Department of Chemistry, The Neotia University


Vice Chancellor
THE NEOTIA UNIVERSITY

Inter Departmental Research Committee(R & D Committee), The Neotia University

Name of the Department	CSE, TNU				
Allied Departments to carry out Inter Departmental Research	Robotics, ECE				
Expectations from the Allied Departments					
Probable Contributions of your Department	Manpower				
	Existing		Required		
	3				
	Facilities				
	Sl No.	Instrument (Research Grade)	Specification	Number of Instruments available	
	Computers with required open source software.				
Budget					
List of books and journals available in Departmental Library (if any)	We do not have departmental library, Only university procured journal is available in library				
Remarks and Suggestions					
Facilities may be accessed by (Put a tick mark)	Students		Faculties		Staffs
	Y		Y		Y
Protocol	Permission Granting Authority(ies)		In Time		Out Time
					Adjustment of classes during the mentioned time
Maintenance of Ledger	Name	Date	Instrument	In Time	Out Time
Accountability of any damage caused to the facilities	User	Department of the User	Service providing Department	Institute	
Any other					


Vice Chancellor
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Areas of Interest in Research: Department of CSE

1. **Dr. PranamPaul**

Data security, application security, information security, cryptography,
DBMS, stenography, Data Structure, Algorithm


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Inter Departmental Research Committee(R & D Committee), The Neotia University

Name of the Department	Electrical/Energy				
Allied Departments to carry out Inter Departmental Research	Agriculture, MRE, Robotics				
Expectations from the Allied Departments	Physical Support				
Probable Contributions of your Department	Manpower				
	Existing		Required		
	2 faculty & 1 lab engineer		NA		
	Facilities				
	Sl No.	Instrument (Research Grade)	Specification	Number of Instruments available	
		Nil		CROs, Function generator, Solar Cells, Pyrano Meter, Anemometer, Data Logger, Multimeter, LCR meter etc.	
Budget					
List of books and journals available in Departmental Library (if any)	None				
Remarks and Suggestions					
Facilities may be accessed by (Put a tick mark)	Students		Faculties		Staffs
	√		√		√
Protocol	Permission Granting Authority(ies)		In Time	Out Time	Adjustment of classes during the mentioned time
	?				
Maintenance of Ledger	Name	Date	Instrument	In Time	Out Time
Accountability of any damage caused to the facilities	User	Department of the User	Service providing Department	Institute	
Any other					

Bibin
Vice Chancellor
THE NEOTIA UNIVERSITY

Areas of Interest in Research: Department of Electrical / Energy

1. **Prof. Biswajit Ghosh**

Agrivoltaic, Advanced Materials & Solar Energy Technologies, Gasification Technology, Electrochemical Technologies.

2. **Dr. Pulok Pattanayak**

Memory Materials & Technology, Sensors, Renewable Energy


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THE NEOTIA UNIVERSITY

Inter Departmental Research Committee(R & D Committee), The Neotia University

Name of the Department	MATHEMATICS				
Allied Departments to carry out Inter Departmental Research	MARINE & MECHANICAL ENGG.				
Expectations from the Allied Departments	COLLECTION OF RELEVANT DATA				
Probable Contributions of your Department	Manpower				
	Existing		Required		
	FACULTY (02 Nos.)		NIL		
	Facilities				
	Sl No.	Instrument (Research Grade)	Specification(s)	Number of Instruments available	
	1.	NA	NA	NA	
Budget	RELEVANT BUDGET FOR COMPUTER (01 No.) WITH PRINTING FACILITY				
List of books and journals available in Departmental Library (if any)	NIL				
Remarks and Suggestions					
Facilities may be accessed by (Put a tick mark)	Students		Faculties		Staffs
			✓		
Protocol	Permission Granting Authority(ies)		In Time	Out Time	Adjustment of classes during the mentioned time
	Concerned Faculty		NA	NA	NA
Maintenance of Ledger	Name	Date	Instrument	In Time	Out Time
	NA	NA	NA	NA	NA
Accountability of any damage caused to the facilities	User	Department of the User	Service providing Department	Institute	
	NA	NA	NA	NA	
Any other	NIL				

B. B. B.
Vice Chancellor
THE NEOTIA UNIVERSITY

Sl. No.	Name of Faculty	Areas of Research Interests
1.	Dr. Mostaid Ahmed	Solid Mechanics, Elastic Wave Propagation
2.	Dr. Ayan Chatterjee	Hydrology, Surface Water Modelling
Instrument Available (If any):		NIL


 Vice Chancellor
 THE NEOTIA UNIVERSITY

Inter Departmental Research Committee(R & D Committee), The Neotia University

Name of the Department	Physics				
Allied Departments to carry out Inter Departmental Research	Chemistry, Mechanical, Electrical and Workshop				
Expectations from the Allied Departments	Cooperation				
Probable Contributions of your Department	Manpower				
	Existing		Required		
	2 Faculties 1 Lab Assistant		NA		
	Facilities				
	Sl No.	Instrument (Research Grade)	Specification	Number of Instruments available	
		NA			
	No equipments are of research grade as of now				
Budget	NA				
List of books and journals available in Departmental Library (if any)	NA				
Remarks and Suggestions					
Facilities may be accessed by (Put a tick mark)	Students		Faculties		Staffs
	√		√		√
Protocol	Permission Granting Authority(ies)		In Time	Out Time	Adjustment of classes during the mentioned time
	Concerned HoDs		NA (lab may be open 24 hours depending upon the impact of research work)		NA
Maintenance of Ledger	Name	Date	Instrument	In Time	Out Time
Accountability of any damage caused to the facilities	User	Department of the User	Service providing Department	Institute	
			√		
Any other	Dept of Physics is building research infrastructure. Will get back to you sooner.				

B. B. B.
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Research expertise of the faculty members

Dr. Debajyoti De (On Lien): Synthesis, transport and Magnetic properties of nanostructured materials, thin films and graphine

Dr. Kalyanashis De: Transport and Magnetic properties of bulk materials

Updated instrument list (research grade):

DST SERB Research lab (PI: Dr. Debajyoti De)

Name of the Department	Name of Research Lab	Name of Major Equipment available	No. of Major Equipment(s) available
Physics	Material Science Research Lab	Three Zone Tube Furnace	1
		Vacuum drier/heater With Vacuum Pump	1
		Hydraulic press	1
		Analytical Balance	1
		Agate mortar and pestle	2
		Box / Chamber Furnace	1
		Fume hood	1
		Magnetic rotor with heater	1
		Laboratory Centrifuge	1
		Palletizer	2
		Vacuum pump	1
		Ultrasonic Cleaner With Heater thermostat	1

b


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Inter Departmental Research Committee(R & D Committee), The Neotia University

Name of the Department	Applied Psychology			
Allied Departments to carry out Inter Departmental Research	BBA or Management			
Expectations from the Allied Departments	Management			
Probable Contributions of your Department	Manpower			
	Existing		Required	
	Full Time-02 Contractual-04		Full Time-01	
	Facilities			
	Sl No.	Instrument (Research Grade)	Specification	Number of Instruments available
	1	Projective Test for measuring Personality		1 for each practical
	2	Paper-Pencil Test for measuring Personality		1 for each practical
	3	Test Material for measuring intelligence		1 for each practical
	4	Paper-Pencil Test for measuring various psychological components		1 for each practical
Budget	Not yet fixed			
List of books and journals available in Departmental Library (if any)	Nil			
Remarks and Suggestions				
Facilities may be accessed by (Put a tick mark)	Students	Faculties	Staffs	
	Yes (Required supervision)	Yes (Required supervision)	Yes (Required supervision)	


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Protocol	Permission Granting Authority(ies)		In Time		Out Time		Adjustment of classes during the mentioned time			
	Service Providing Department		Should maintained		Should maintained		According to need			
Maintenance of Ledger	Name		Date		Instrument		In Time		Out Time	
	Should maintained by Lab assistant by both service providing department and service utilizing department		Should maintained		According to need		Should maintained		Should maintained	
Accountability of any damage caused to the facilities	User		Department of the User			Service providing Department			Institute	
	Should be		Should be							
Any other	N/A									

Research Expertise

Dr. Gouranga Mitra: Organizational Psychology, Organizational Behaviour, Management, Agri-Marketing, Bio-marker and Psychological Disorders, Test Standardization, Qualitative analysis


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Inter Departmental Research Committee(R & D Committee), The Neotia University

Name of the Department	Robotics Engineering			
Allied Departments to carry out Inter Departmental Research	Agriculture, Marine, Energy, CSE			
Expectations from the Allied Departments	Technical help			
Probable Contributions of your Department	Manpower			
	Existing		Required	
	01		02 JRF	
	Facilities			
	Sl No.	Instrument (Research Grade)	Specification	Number of Instruments available
	Updated Instruments List given			
Budget	2 Lakh (on equipment head)			
List of books and journals available in Departmental Library (if any)	nil			
Remarks and Suggestions				
Facilities may be accessed by (Put a tick mark)	Students		Faculties	
			√	
Protocol	Permission Granting Authority(ies)		In Time	Out Time
				Adjustment of classes during the mentioned time
Maintenance of Ledger	Name	Date	Instrument	In Time
				Out Time
Accountability of any damage caused to the facilities	User	Department of the User	Service providing Department	Institute
	√			
Any other				

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1. Dr. Ankush Ghosh,

Research Area: Nanotechnology, Spintronics, IOT, Robotics

Updated instrument list (research grade):

- RTOS Development board
- ARM Cortex-M3 NXP LPC1768
- Keil MCBSTM32f400-ED Board
- keil MCB1760 ED Board
- 595-EK-TM4C123GXL
- 595-EK-TN4C123GXLKIT
- MSP –EXP432 G2 LAUNCHPADKIT
- 4 DOF Robot
- IOT
- RASBERRY PI MODEL B RASP-PI-3
- X-Y Plotter
- SCARABot
- AnetA8 3dPrinter


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School of Pharmacy

Name of the Department	Name of Research Lab	Name of Major Equipment available	No. of Major Equipment(s) available
Department of Pharmaceutics	Pharmaceutics lab	Digital pH Meter	1
		Hot Air Oven, Thermostatic	1
		Mechanical Stirrer	2
		Ampoule Washing Machine	1
		Ball Mill	1
		Bulk Density Apparatus	1
		Clarity Test Apparatus	1
		Sieve Shaker Machine with Sieve	1
		Tablet coating Machine	1
		Mixer Grinder	1
		Heating Mantle	1
		Projection Microscope	1
		Hot Air Tray Drier	1
		Tincture Press	1
		Rotary Shaker	1
		Analytical Balance	1
		Hot Plate	2
		Magnetic Stirrer	2
		BOD Incubator	1
		Distillation Water Plant.	1
		Aseptic Cabinet	1
		Capsule Filling Machine	1
		Double Cone Blender	1
		Friability Test Apparatus	1
		Ointment Filling Machine	1
		Disintegration Test Apparatus	1
		Tablet Punching Machine	1
Department of Pharmacology	Pharmacology lab	Binocular Microscope	1
		Centrifuge Machine	2
		Digital Colony Counter	1
		Digital Glucometer	1
		Acetophoto-meter	1
		Convulsio-meter	1
		Histamine Chamber	1
		Hutchison's Spiro-meter	1
		Lucas Moist Chamber	1
		Spygmo manometer	2
		Homogenizer(30ml)	1
		Stage Micrometer	5
		Levers (simple, Stirling, Frontal writing)	3
		Sherrington's Kymograph & Drum	2
		Micropipette (100- 1000µl)	1
		Organ Bath	3
		Dissecting Microscope	2
		Atibiotic Zone Reader	1


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		Autoclave	1
		Aerator	5
		Stimulator	2
		Dissecting Tray	5
		FOLIN-U Tube	5
		Haemocytometer	5
		Compound Microscope	12
		Haemoglobinometer	2
		Muscle electrode (Paired)	1
		Camera Lucida- Prism type	5
		Serological water bath	1
Department of Pharmaceutical Chemistry	Pharmaceutical Chemistry	Digital pH Meter	1
		Hot Air Oven, Thermostatic	1
		Mechanical Stirrer	1
		Heating Mantle	1
		Distillation Water Plant.	1
		Analytical Balance	1
		Hot Plate	1
		Magnetic Stirrer	1
		Ultrasonic Cleaner	1
	Pharmaceutical Analysis	Flame Photometer (single Channel) With Compressor	1
		Conductivity Meter Digital	1
		Nephlo Turbidity Meter	1
		Potentiometer	1
		Muffle Furnace	1
		UV Fluorescence Cabinet	1
		Polari-meter	1
		Refracto-meter	1
		Heating Mantle	1
		Analytical Balance	2
		Magnetic Stirrer	1
		Photo electric colorimeter	1
		Infrared Moisture Balance	1
		Fluorimeter Digital	1


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Faculty name	Research expertise
Prof. Dr. Malay Kumar Samanta	<ul style="list-style-type: none"> ➤ Formulation and Development of Novel Drug Delivery Systems, ➤ NanoMedicine, ➤ Herbal Drug Delivery Systems, ➤ Nano Particulate Drug Delivery Systems, ➤ Release kinetics by HPLC and other method, ➤ Bioavailability of drug, ➤ <i>In Vivo-In vitro</i> study and correlation, ➤ Auto Immune Disease Targeting Drug Delivery Systems ➤ drug interactions, ➤ Animal model study with different statistical approach. ➤ Molecular design and docking ➤ Anaerobic and Aerobic Pathogen study ➤ Pre clinical study
Prof. Dr. Chandra Kanti Chakraborti	<ul style="list-style-type: none"> ➤ Animal model study with different statistical approach. ➤ Anaerobic and Aerobic Pathogen study ➤ Animal model for testing pathogenicity ➤ Pharmacological study ➤ Pre clinical study
Partha Niyogi	<ul style="list-style-type: none"> ➤ Formulation and Development of Novel Drug Delivery Systems, ➤ NanoMedicine, ➤ Herbal Drug Delivery Systems, ➤ Nano Particulate Drug Delivery Systems, ➤ Tissue Regeneration ➤ Oral Local Drug Delivery, ➤ Release kinetics by HPLC and other method, ➤ Bioavailability of drug, ➤ <i>In Vivo-In vitro</i> study and correlation, ➤ <i>In-silico</i> molecular docking of drug with receptor and polymer, ➤ drug interactions, ➤ Animal model study with different statistical approach. ➤ Molecular design and docking ➤ Auto Immune Disease Targeting Drug Delivery Systems
Parag Ghosh	<ul style="list-style-type: none"> ➤ Herbal Drug Delivery Systems,
Dr. Subhasish Mondal	<ul style="list-style-type: none"> ➤ Animal model for testing pathogenicity ➤ Biochemical study ➤ Pharmacological study Pre clinical study

B. B. Mondal

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**School of Hospitality and Culinary Art Practical Lab
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Facilities available

Sl. No.	Item/Name of the instrument	Operating condition
1.	Three Deck Oven	Maximum Operating Temp 400°C
2.	Planetary Mixer	Maximum capacity 25 litres
3.	Gueridon trolley	Cylinder Operated
4.	Glass washing machine (Celfrost)	25 glasses in 1 cycle
5.	Walk in chiller	1000 litres
6.	Plate warmer	50 plates at one cycle
7.	Ice cube making machine	20 kgs
8.	Under counter refrigerator	250 litres
9.	Washing machine	1000 rpm

Cost for user:

For internaluser (TNU/NITMAS) -Nil
Forexternalusers -Negotiable

Contact person:

Ms. RupamGhosh,JRF Email:rupam.ghosh@tnu.in

School of Agriculture & Allied Science

Lab Detail	SL. NO	Item Description	Location Department	Cost/ Value (Rs.)	Present Condition	Date of Purchase	Remarks
SB II 105 / Soil Science + Micro Biology	1	PH meter	SB-II (105)	6100	1 is working & 1 is repairable	18.10.2019	
	2	Hot Plate	SB-II (105)		ok		
	3	Refractometer	SB-II (105)	1600	ok	18.10.2019	
	4	Water Bath	SB-II (105)		ok		
	5	Electric Balance	SB-II (105)		ok		
	6	Magnetic Stirrer	SB-II (105)	6844	ok		
	7	Double Distillation Setup	SB-II (105)		Repairable		
	8	Hot Air Oven	SB-II (105)		ok		
	9	Flame photometer	SB-II (105)	48000	ok	18.10.2019	
	10	Conductivity Meter	SB-II (105)	6600	ok	18.10.2019	
	11	Spectro Photometer	SB-II (105)	135000	ok	18.10.2019	
	12	Digital Balance	SB-II (105)		ok		
	13	Mechanical Shaker	SB-II (105)		ok		
	14	Fume Hood Chamber	SB-II (105)		ok	27.11.2019	
	15	Single Door Refrigerator	SB-II (105)		ok		
	16	Digital Balance	SB-II (105)		ok		
	17	Clevenger	SB-II (105)	2790x5	ok	11.02.2020	
	18	Kent Water Purifier	SB-II (105)	15199	ok	07.02.2020	
	19	Fumigation Chamber	SB-II (105)		ok	14.02.2020	
SB II 316 / Genetics & Plant Breeding	20	Centrifuge	SB-II (316)		ok		
	21	PH meter	SB-II (316)		Repairable		
	22	Hot Plate	SB-II (316)		ok		

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	23	Refractometer	SB-II (316)		ok		
	24	Electric Balance	SB-II (316)		ok		
	25	Magnetic Stirrer	SB-II (316)		Repairable		
	26	Compound Student Microscope	SB-II (316)		ok		
	27	Student Monocular Microscope	SB-II (316)		ok		
	28	Autoclave	SB-II (316)	25500	ok	18.10.2019	
	29	Conductivity Meter	SB-II (316)		ok		
	30	BOD Incubator	SB-II (316)	35750	ok	18.10.2019	
	31	Digital Balance	SB-II (316)		ok	15.11.2019	
	32	Deep Fridge	SB-II (316)		ok	07.1.2020	
	33	Binocular Microscope	SB-II (316)		ok		
SB II 106A / AGRONOMY	34	Refractometer	SB-II (106A)	1600x5	ok	18.10.2019	
	35	Hot Air Oven	SB-II (106A)		ok		
	36	Digital Balance	SB-II (106A)		ok		
SB II 106B /HORTICULTURE	37	Willey Mill	SB-II (106B)	29500	ok	18.10.2019	
	38	Digital Penetrometer	SB-II (106B)	14900x5	ok	18.10.2019	
SB II/309 AGRICULTURAL ENTOMOLOGY AND PLANT PATHOLOGY	39	Digital Balance	SB-II (309)		ok		
	40	Stereo Binocular Microscope	SB-II (309)	196727	ok		
Workshop	41	Mulching with Bed Maker	Workshop	46428	ok	04.12.2019	
	42	Tractor Drawn Post Hole Digger	Workshop	78000	ok	17.09.2019	
	43	Tractor	Workshop		ok		
	44	Power Tiller	Workshop		ok		
	45	Disc Plough	Workshop	47000	ok	17.09.2019	
	46	Hole Maker	Workshop	500	ok	04.12.2019	
	47	Reversible M B Plough	Workshop	44000	ok	17.09.2019	
	48	Bund Maker	Workshop	21200	ok	17.09.2019	
	49	Rotavator	Workshop	86000	ok	17.09.2019	
	50	Leveller	Workshop	24000	ok	17.09.2019	
	51	Cultivator	Workshop		ok		
	52	Seed Drill	Workshop	48000	ok	17.09.2019	
SB II 112 / Fishery Science	53	PH meter	SB-II (112)		ok		
	54	Hot Air Oven	SB-II (112)		ok		
	55	Deep Fridge	SB-II (112)		ok		
	56	Analytical balance	SB-II (112)		ok		
	57	Inverted Microscope	SB-II (112)		ok		
	58	Distil water unit	SB-II (112)		ok		
	59	Muffle furnace	SB-II (112)		ok		
	60	Water Quality Analyzing Kit	SB-II (112)		ok		


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Publications (Attachment-IV)

2017

- 1) Tribedi, P., &Dey, S. (2017). Pre-oxidation of low-density polyethylene (LDPE) by ultraviolet light (UV) promotes enhanced degradation of LDPE in soil. Environmental monitoring and assessment, 189(12),624.
- 2) Goswami, M., Bhattacharyya, P., &Tribedi, P. (2017). Addition of Rubber to soil damages the functional diversity of soil. 3 Biotech, 7(3),173.
- 3) Chakraborty PD. (2017) "Challenges of Democracy Today" on 'Legal News &Views' Vol. 30 No.12; January 2017; ISSN 2277-5323;pg.6.

2018

- 1) Banerjee T.& Samanta A. (2018). Improvement over Traditional Brewing Techniques for Production of Bioethanol from Mahua Flowers (*Madhuca indica*). International Journal of Engineering, Science and Mathematics, 7,12-21.
- 2) Gupta, S., Kundu, S., Pati, P., & Ahmed, M. (2018). Torsional waves in fluid saturated porous layer clamped between two anisotropic media. Geomechanics and Engineering, 15(1),645657.
- 3) Bhattacharyya, P., Agarwal, B., Goswami, M., Maiti, D., Baruah, S., &Tribedi, P. (2018). Zinc oxide nanoparticle inhibits the biofilm formation of *Streptococcus pneumoniae*. Antonie Van Leeuwenhoek, 111(1),89-99.
- 4) Chakraborty, P., Joardar, S., Ray, S., Biswas, P., Maiti, D., &Tribedi, P. (2018). 3, 6-Di (pyridin-2-yl)-1, 2, 4, 5-tetrazine (pytz)-capped silver nanoparticles (TzAgNPs) inhibit biofilm formation of *Pseudomonas aeruginosa*: a potential approach toward breaking the wall of biofilm through reactive oxygen species (ROS) generation. Folia microbiologica, 63(6), 763772.
- 5) Chakraborty, P., Daware, A. V., Kumari, M., Chatterjee, A., Bhattacharyya, D., Mitra, G., &Tribedi, P. (2018). Free tryptophan residues inhibit quorum sensing of *Pseudomonas aeruginosa*: a potential approach to inhibit the development of microbial biofilm. Archives of microbiology, 200(10),1419-1425.


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- 6) Dey, S., & Tribedi, P. (2018). Microbial functional diversity plays an important role in the degradation of poly hydroxyl butyrate (PHB) in soil. 3 Biotech, 8(3),171.
- 7) Paramita Dhar Chakraborty and Dr. ParthaPratim Paul., (2018) Doctrine of Precedent and it's Departing through Curative Jurisdiction in India: An Analysis., Indian Bar Review., 2018., 136
- 8) Halder A, Paul P (2018); "An Approach of Solutions for a Vulnerable Website through Penetration Testing"; Paper ID: JETIR1812704; Registration ID: JETIR193699; Accepted and Publication in UGC Recognized Journal, "International Journal of Emerging Technologies and Innovative Research (JETIR)"; 5; 12:18-29

2019

- 1) Ahmed, M., & Verma, A. K. (2019). Analysis of Rayleigh Waves in Micropolar Thermoelastic Solid over a Dual-Phase-Lag Semi-Infinite Thermoelastic Substrate under Interfacial Imperfections. International Journal of Geomechanics, 19(5),04019038.
- 2) Gupta, S., Ahmed, M., & Misra, J. C. (2019). Effects of periodic corrugated boundary surfaces on plane SH-waves in fiber-reinforced medium over a semi-infinite micropolar solid under the action of magnetic field. Mechanics Research Communications, 95,35-44.
- 3) "Effect of Dilution of Volume Fraction on Exchange Bias Effect in Ni-NiO Core-Shell Nanostructure" by S Goswami; M Chakraborty; D De is accepted at 64th DAE Solid State Physics Symposium, 2019. Full paper will be published in AIP Conference Proceedings (ISSN: 0094-243X (print); 1551-7616(web)
- 4) Chakraborty, P., & Tribedi, P. (2019). Functional diversity performs a key role in the isolation of nitrogen-fixing and phosphate-solubilizing bacteria from soil. Folia microbiologica, 64(3),461-470.
- 5) Chakraborty, P., Dastidar, D. G., Paul, P., Dutta, S., Basu, D., Sharma, S. R., ... & Tribedi, P. (2019). Inhibition of biofilm formation of *Pseudomonas aeruginosa* by caffeine: a potential approach for sustainable management of biofilm. Archives of microbiology, 1-13.
- 6) Chakraborty, P., Sarker, R. K., Roy, R., Ghosh, A., Maiti, D., & Tribedi, P. (2019). Bioaugmentation of soil with *Enterobacter cloacae* AKS7 enhances soil nitrogen content and boosts soil microbial functional-diversity. 3 Biotech, 9(7),253.
- 7) Das, D., Bhattacharya, S., & Sarkar, B. (2019) Material selection in engineering design based on nearest neighbor search under uncertainty: A spatial approach by harmonizing the


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Euclidean and Taxicab geometry. Artificial Intelligence for Engineering Design, Analysis and Manufacturing, 33(3):238-246.

- 8) Das, D., Bhattacharya, S., & Sarkar, B. (2019). Material selection in product design under risk and uncertainty introducing the conditional logit in the MADM framework. Journal of Industrial and Production Engineering, 36(7):440-450.
- 9) Shaw RN, Walde P and Ghosh A (2019) "Effects of Solar Irradiance on Load Sharing of Integrated Photovoltaic System with IEEE Standard Bus Network", International Journal of Engineering and Advanced Technology, Volume-9 Issue-1, October 2019.
- 10) Shaw RN, Walde P and Ghosh A (2019) "A New Model to Enhance the Power and Performances of 4x4 PV Arrays with Puzzle Shade Dispersion", International Journal of Innovative Technology and Exploring Engineering, 2019 Volume-8 Issue-12.

2020

- 1) Gupta, S., Chatterjee, A., Singh, M. K., & Singh, V. P. (2020). Groundwater contamination in mega cities with finite sources. Journal of Earth System Science, 129(1), 1.
- 2) Kumar, R., Chatterjee, A., Singh, M. K., & Singh, V. P. (2020). Study of Solute Dispersion with Source/Sink Impact in Semi-Infinite Porous Medium. Pollution, 6(1), 87-98.
- 3) Bhattacharyya, C., Roy, R., Tribedi, P., Ghosh, A., & Ghosh, A. (2020). Biofertilizers as substitute to commercial agrochemicals. In Agrochemicals Detection, Treatment and Remediation (pp. 263-290). Butterworth-Heinemann. (Book Chapter published)
- 4) Rabindra Nath Shaw, Pratima Walde and Ankush Ghosh, "Enhancement of Power and Performance of 9x4 PV Arrays by a novel arrangement with shade dispersion", Test Engineering and management, Volume 82, pp: 13136 – 13146, February 2020


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No. of Research Labs & Major Equipment available

Name of the Department	Name of Research Lab	Name of Major Equipment available	No. of Major Equipment(s) available
School of Life Sciences			
Biotechnology	Microbial Ecology Research Laboratory	Laminar Air Flow (LAF) (LTQ.SP.GR. 0.81 mm.wg)	1
		BOD Shaker-Incubator (Multispan)	1
		Freeze (LG, 180 Liter, Single Door)	2
		Autoclave (Equitron)	1
		Autoclave (Local brand)	1
		pH meter (Global, digital, DPH 500)	1
		Weighing balance (Wensar)	1
		Vortex (Tarson)	1
		Colorimeter (Systronics)	1
		Magnetic stirrer (REMI 2MLH)	1
		Micro Centrifuge (Remi RM-12C)	1
		Agarose Gel Electrophoretic apparatus	1
		UV-Trans illuminator	1
School of Engineering and Applied Science			
Physics	Material Science Research Lab	Three Zone Tube Furnace	1
		Vacuum drier/heater With Vacuum Pump	1
		Hydraulic press	1
		Analytical Balance	1
		Agate mortar and pestle	2
		Box / Chamber Furnace	1
		Fume hood	1
		Magnetic rotor with heater	1
		Laboratory Centrifuge	1
		Palletizer	2

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No. of Research Labs & Major Equipment available

		Vacuum pump	1
		Ultrasonic Cleaner With Heater thermostat	1
School of Pharmacy			
Department of Pharmaceutics	Pharmaceutics lab	Digital pH Meter	1
		Hot Air Oven, Thermostatic	1
		Mechanical Stirrer	2
		Ampoule Washing Machine	1
		Ball Mill	1
		Bulk Density Apparatus	1
		Clarity Test Apparatus	1
		Sieve Shaker Machine with Sieve	1
		Tablet coating Machine	1
		Mixer Grinder	1
		Heating Mantle	1
		Projection Microscope	1
		Hot Air Tray Drier	1
		Tincture Press	1
		Rotary Shaker	1
		Analytical Balance	1
		Hot Plate	2
		Magnetic Stirrer	2
		BOD Incubator	1
		Distillation Water Plant.	1
		Aseptic Cabinet	1
		Capsule Filling Machine	1
		Double Cone Blender	1
		Friability Test Apparatus	1

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No. of Research Labs & Major Equipment available

		Ointment Filling Machine	1
		Disintegration Test Apparatus	1
		Tablet Punching Machine	1
Department of Pharmacology	Pharmacology lab	Binocular Microscope	1
		Centrifuge Machine	2
		Digital Colony Counter	1
		Digital Glucometer	1
		Acetophoto-meter	1
		Convulsio-meter	1
		Histamine Chamber	1
		Hutchison's Spiro-meter	1
		Lucas Moist Chamber	1
		Spygmo manometer	2
		Homogenizer(30ml)	1
		Stage Micrometer	5
		Levers (simple, Stirling, Frontal writing)	3
		Sherrington's Kymograph & Drum	2
		Micropipette (100- 1000 μ l)	1
		Organ Bath	3
		Dissecting Microscope	2
		Atibiotic Zone Reader	1
		Autoclave	1
		Aerator	5
		Stimulator	2
		Dissecting Tray	5
		FOLIN-U Tube	5
		Haemocytometer	5

THE NEOTIA UNIVERSITY
No. of Research Labs & Major Equipment

		Compound Microscope	12
		Haemoglobinometer	2
		Muscle electrode (Paired)	1
		Camera Lucida- Prism type	5
		Serological water bath	1
Department of Pharmaceutical Chemistry	Pharmaceutical Chemistry	Digital pH Meter	1
		Hot Air Oven, Thermostatic	1
		Mechanical Stirrer	1
		Heating Mantle	1
		Distillation Water Plant.	1
		Analytical Balance	1
		Hot Plate	1
		Magnetic Stirrer	1
		Ultrasonic Cleaner	1
	Pharmaceutical Analysis	Flame Photometer (single Channel) With Compressor	1
		Conductivity Meter Digital	1
		Nephlo Turbidity Meter	1
		Potentiometer	1
		Muffle Furnace	1
		UV Fluorescence Cabinet	1
		Polari-meter	1
		Refracto-meter	1
		Heating Mantle	1
		Analytical Balance	2
		Magnetic Stirrer	1
		Photo electric colorimeter	1


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No. of Research Labs & Major Equipment

<u>No. of Research Labs & Major Equipment</u>			
		Infrared Moisture Balance	1
		Fluorimeter Digital	1
School of Humanities, Management and Social Sciences			
Applied Psychology	Applied Psychology Lab	Projective Test for measuring Personality	02
		Paper-Pencil Test for measuring Personality	01
		Paper-Pencil Test for measuring various psychological components	Questionnaires with Norms Available
		Test Material for measuring intelligence	01


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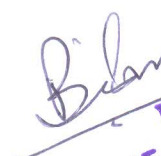
No. of Teaching Labs available

Name of the Department	Name of Teaching Lab	No. of Teaching Lab(s)
School of Engineering and Applied Science		
Electrical Engineering	Basic Electrical Engineering	1
	Electrical Circuit Theory & Networks	1
	Analog & Digital Electronics	
	Electrical & Electronic Measurements	
	Electrical Machines	1
	Control Systems	1
	Power Electronics & Drives	
	Power Systems	2
	Electrical Protection & Switchgear	
	Renewable energy technologies	2
	Simulation Lab (for all types of software base practical)	1
Robotics Engineering	Introduction to Robotics Lab	2
	Real Time Operating Systems Lab	
	Internet of Things Lab	
	Human Machine Interface Lab	
	Project Lab	
	Inverse Kinematic Lab	
	Computer Vision Lab	1
	Artificial Intelligence Lab	
	Machine learning Lab	
	Embedded Systems Lab	
	Advance Machine Lab	
Mechanical Engineering	Workshop Practice	1
	Applied Mechanics Lab	1
	Material Testing Lab	
	Manufacturing Technology	1
	Advance Manufacturing Lab	
	Fluid Mechanics And Hydraulics Lab	1
	Metrology And Measurement Lab	1
	Mechatronics Lab	
	Applied Thermodynamics And Heat Transfer Lab	1
	I.C. Engine Lab	1
	Dynamics Of Machine Lab	1
	Machining And Machine Tool Lab	
	Air Conditioning And Refrigeration Lab	1
	Machine Drawing	1
	AutoCAD Lab	1

List of Research Proposals selected for University Sponsored Research Project Scheme in

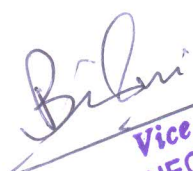
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Sl No.	NAME OF THE FACULTY	NAME OF THE ACADEMIC UNIT	TITLE OF THE PROJECT	SANCTION NO.	AMOUNT SANCTIONED (In Rs.)	STARTING DATE
1.	Dr. Manashi Chakraborty (PI)	Chemistry	Improving multiferoicity with RGO/GO/Graphene based Nano composites	R&D/2020/F1	40,000	01/04/2020
2.	Dr. Prosun Tribedi (PI)	Biotechnology	Leucine, a natural amino acid inhibits the biofilm development of <i>Pseudomonas aeruginosa</i> : a promising approach to manage the biofilm challenge.	R&D/2020/F2	40,000	01/04/2020
3.	Dr. Amit Sarkar (PI)	Biotechnology	Baseline study on prevalence of pathogenic, multi drug resistant <i>Vibrio parahaemolyticus</i> in marine and fresh water fish from Diamond Harbour area and molecular characterization of their virulence genes	R&D/2020/F3	46,500	01/04/2020
4.	Prof. (Dr.) Malay Kumar Samanta (PI)	Pharmacy	Validation of <i>Eupatorium Triplinerveahl.</i> on probable regeneration of endogenous β cells leads to the restoration of insulin secretion and normalization of hyperglycaemia in type-I diabetes	R&D/2020/F4	55,000	01/04/2020
5.	Prof. Dr. Sushil Kothari (PI) Mrs. Sruba Saha (Co-PI)	Agriculture	Evaluation of sesame germplasm on the basis of different yield and yield attributing traits under saline condition in South 24 Parganas, West Bengal	R&D/2020/F5	40,000	01/04/2020


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6.	Dr. Bidisha Mondal (PI)	Agriculture	Estimation and characterization of essential oil from the surplus leaves of Betel vines (<i>Piper betel</i> L.) for effective waste management and enhancement of rural employability and economy of South Bengal	R&D/2020/F6	30,000	01/04/2020
7.	Dr. Priyali Dutta (PI) Mr. Sarthak Bhattacharya (Co-PI)	Agriculture	Evaluation of recently developed high yielding vetiver (<i>Chrysopogonizanioides</i> L.) varieties in salinity affected South 24 Parganas district of West Bengal.	R&D/2020/F7	20,000	01/04/2020
8.	Dr. Ankush Ghosh (PI)	Robotics	To study the feasibility of spintronic devices and its impacts on VLSI/ULSI circuits for the realization of low power and high speed digital systems for medical and space applications	R&D/2020/F8	37,000	01/04/2020
9.	Dr. Anish Das (PI) Ms. Debasmita Jana (Co-PI) Dr. P.K. Mukhopadhyay (Co-PI)	Fishery	Pilot scale trial on development of a feeding strategy in cage culture of GIFT-Tilapia (<i>Oreochromis mosambicus</i>)	R&D/2020/F9	40,000	01/04/2020
10	Prof. Supriyo Chatterjee (PI), Prof. (Dr.) Niloy Sarkar (Co-PI), Mr. Santanu Ray (Co-PI)	Optometry	Prevalence of uncorrected hypermetropia among The Neotia University students.	R&D/2020/F10	18,500	01/04/2020
11	Prof. Dr. Niloy Sarkar (PI), Dr. Tridib Chatterjee (Co-PI), Atrayee Bandyopadhyay (Co-PI)	Hospital Management	A study on successful medical tourism in India*	R&D/2020/F11	40,000	01/04/2020

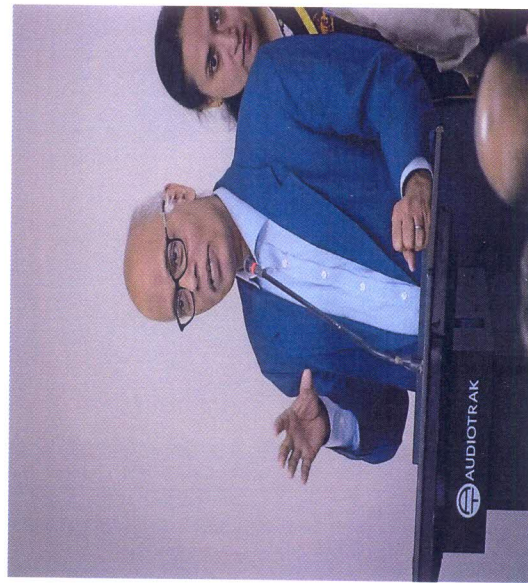
(*Recommendation from the Hon'ble Advisor to Chancellor: Please collaborate with a hospital to carry out the project in a meaningful fashion)


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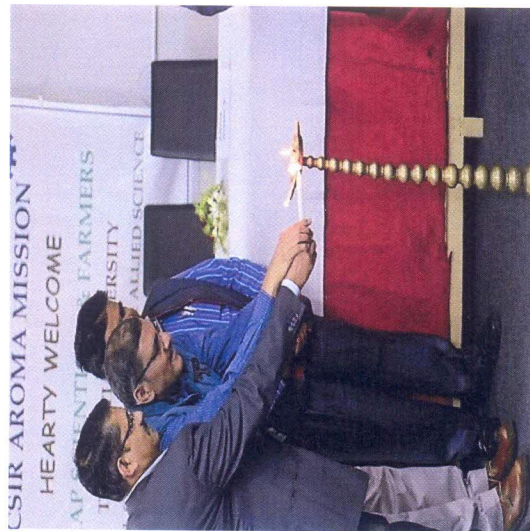
Transfer of Technology:

a) Farmer-Scientist interaction Meet:

CSIR-CIMAP, Lucknow and TNU, School of Agriculture and Allied Sciences (SAAS) jointly organized a farmer- scientist interaction meet under CSIR Aroma Mission on 18th December, 2019. More than 120 farmers from various parts of South 24 PGS district participated in the programme. The Director (SAAS), TNU welcomed the six eminent scientists and thoroughly interacted with the enthusiastic farmers. Dr. Saudan Singh, Chief Scientist & HOD along with other scientists Dr. Sumit Ghosh, Dr. Debarata Chandra, Dr. Pradipto Mukhopadhyay, Dr. Rakesh Kumar and Dr. Anil Kumar Singh discussed in detail about the cultivation, processing and value addition of Vetiver, Lemongrass and Mint crop. Farmers of South 24 PGS can earn a huge addition return by adopting these crops towards doubling of income in future.

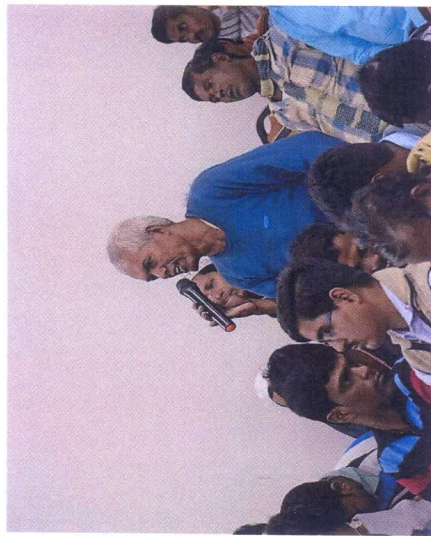
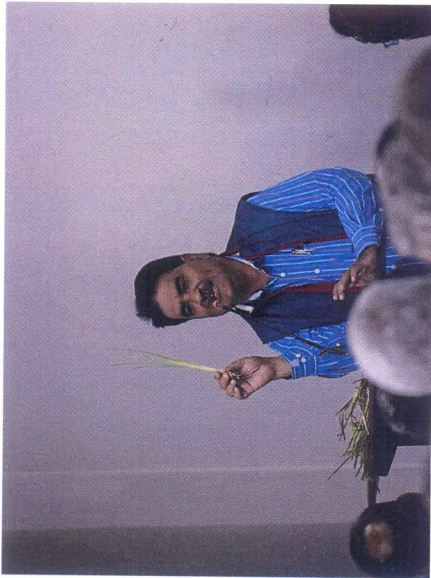


Welcome address by Prof. B. Ghosh, Vice
Chancellor

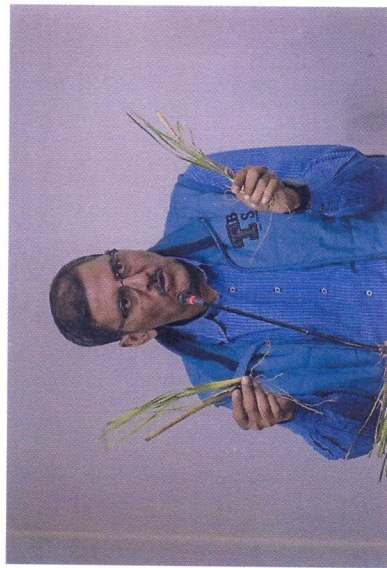


Opening of the program by enlightening the
holy lamp

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Interaction between Scientist and Farmers



B. S. Singh
Vice Chancellor
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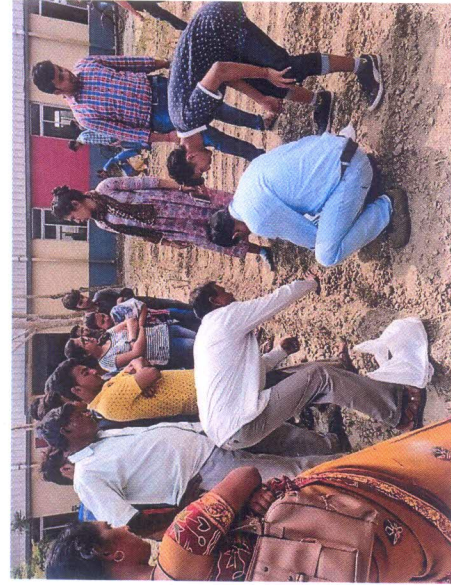
b) Distributing Menthol mint planting materials among the farmers:

School of Agriculture and Allied Sciences, TNU handed over menthol mint planting material free of cost to 14 farmers of Digeshwar village near Sarisha as part of CSIR-CIMAP and TNU aroma mission program on 14th March, 2020. A demonstration on planting method of vetiver grass and menthol mint was also conducted for the benefit of the beneficiary farmers.



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Director & Faculties of SAAS distributing the planting materials and demonstrating the cultivation process to the farmers


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