



# BIRLA INSTITUTE OF TECHNOLOGY

A Deemed University u/s 3 of UGC Act, 1956  
MESRA : RANCHI – 835 215 (INDIA)

Phone : (EPBX) 0651-2275444/2275896, 2276002/2276006 FAX: 0651-2275401/2276052 Website: [www.bitmesra.ac.in](http://www.bitmesra.ac.in)

Metric: 3.1.2

Department/ Section: Dean (FASR)

The institution provides seed money to its teachers for research (average per year INR in Lakhs):

Sl.No.	Name of the teacher provided with seed money	The amount of seed money (Rs. In Lakh)	Year of receiving grant	Duration of the grant
1.	Dr. Satyaki Sarkar	0.80	2015-16	2 Years
2.	Dr. P. Padmanabhan	0.80	2015-16	1 Year
3.	Dr. Sashwati Ghosh Sachan	0.80	2015-16	1 Year
4.	Dr. Koel Mukherjee	0.80	2015-16	1 Year
5.	Dr. Kunal Mukhopadhyay	0.80	2015-16	1 Year
6.	Dr. Rakesh Kumar Sinha	0.70	2015-16	1 Year
7.	Dr. D.M. Pandey	0.65	2015-16	1 Year
8.	Dr. Sheela Chandra	0.60	2015-16	1 Year
9.	Dr. Hare Ram Singh	0.80	2015-16	1 Year
10.	Dr. Santosh Kumar Jha	0.85	2015-16	1 Year
11.	Dr. Ashish Sachan	0.80	2015-16	1 Year
12.	Dr. Manish Kumar	0.80	2015-16	1 Year
13.	Dr. Yogendra Agarwal	0.40	2015-16	1 Year
14.	Mr. Pulak Datta	0.80	2015-16	1 Year

*R.K. Singh*  
Associate Dean  
(Faculty Affairs & Sponsored Research)  
Birla Institute of Technology  
Mesra, Ranchi-835215  
Jharkhand

15.	Dr. Sumit Kumar Jana	0.80	2015-16	1 Year
16.	Dr. Dharmendra Pandey	0.80	2015-16	1 Year
17.	Dr. Sudeepan J Sudeepan	0.80	2015-16	1 Year
18.	Dr. G.T. Mohanraj	0.80	2015-16	1 Year
19.	Dr. Raghu Raja Pandiyan K	0.80	2015-16	1 Year
20.	Dr. Poulomi Roy	0.80	2015-16	1 Year
21.	Dr. Chandralata Bal	0.75	2015-16	1 Year
22.	Dr. Sumit Mishra	0.80	2015-16	1 Year
23.	Dr. Sushanta Sinha Mahapatra	0.80	2015-16	1 Year
24.	Dr. Shubhendu Naskar	0.80	2015-16	1 Year
25.	Dr. Kirti Abhishek	0.79	2015-16	1 Year
26.	Dr. R. Naresh Kumar	0.79	2015-16	1 Year
27.	Dr. Bindhu Lal	0.75	2015-16	1 Year
28.	Dr. Abhijit Mustafi	0.67	2015-16	2 Years
29.	Dr. Itu Snigdh	1.05	2015-16	2 Years
30.	Dr. Parashuram Thakura	0.80	2015-16	1 Year
31.	Dr. Debomita Ghosh	0.75	2015-16	1 Year
32.	Dr. Sudhansu Kumar Mishra	0.55	2015-16	1 Year
33.	Dr. Vijaya Laxmi	0.80	2015-16	1 Year
34.	Dr. Sudip Kundu	0.70	2015-16	1 Year
35.	Dr. Sandeep Singh Solanki	0.78	2015-16	1 Year
36.	Dr. Sanjeet Kumar	0.80	2015-16	1 Year
37.	Dr. Manoj Kumar Mukul	0.75	2015-16	1 Year



38.	Dr. Sanjay Shankar Tripathy	0.65	2015-16	1 Year
39.	Mr. Sitanshu Shekhar Sahau	0.75	2015-16	1 Year
40.	Dr.Dileep Kumar Upadhyay	0.77	2015-16	1 Year
41.	Dr. Rajeshwari Chatterjee	0.85	2015-16	1 Year
42.	Dr. Rajeev Kumar	0.80	2015-16	2 Years
43.	Mrs. Richa Pandey	0.75	2015-16	2 Years
44.	Dr. Dipti Prasad Mishra	0.80	2015-16	2 Years
45.	Dr. Dhaneshwar Mahto	0.80	2015-16	2 Years
46.	Dr. Praveen Mishra	0.78	2015-16	2 Years
47.	Dr.Animesh Ghosh	1.23	2015-16	2 Years
48.	Dr. Neelima Sharma	0.75	2015-16	2 Years
49.	Dr. Manik	0.80	2015-16	2 Years
50.	Dr. Trishna Bal	0.78	2015-16	2 Years
51.	Dr. Anima Pandey	0.80	2015-16	2 Years
52.	Dr. Abhimanyu Dev	0.80	2015-16	2 Years
53.	Dr. Kishanta Kr.Pradhan	0.80	2015-16	2 Years
54.	Dr. Biswatrish Sarkar	0.85	2015-16	2 Years
55.	Mr. Ashok Kr. Patnaik	0.85	2015-16	2 Years
56.	Dr. Nishi Srivastava	0.60	2015-16	1 Year
57.	Dr. Rishi sharma	0.75	2015-16	1 Year
58.	Dr. Sunita Keshri	0.55	2015-16	1 Year
59.	Dr. Sanat Kr. Mukherjee	0.80	2015-16	1 Year
60.	Dr. Joyjeet Ghosh	0.80	2015-16	1 Year

61.	DR. Rajeev Agarwal	0.80	2015-16	1 Year
62.	Dr. S.C. Srivastava	0.80	2015-16	1 Year
63.	Dr. Vijay Pandey	0.80	2015-16	1 Year
64.	Dr. Sudip Das	0.80	2015-16	1 Year
65.	Dr. Rajiv Kumar	0.80	2015-16	1 Year
66.	Dr. Partha Mandal	0.85	2015-16	1 Year
67.	Siddhartha Sengupta	0.75	2016-17	1 year
68.	Tanushree Bhattacharya	0.80	2016-17	1 year
69.	Dr. Venkatesan J	0.80	2016-17	2 years
70.	Dr. Sugato Banerjee	0.80	2016-17	2 years
71.	Dr. Shakti Pattanayak	0.59	2016-17	2 years
72.	Dr. Bidhan C. Ruidas	0.80	2016-17	1 year
73.	Dr. Shelly Biswas	0.80	2016-17	1 year
74.	Dr Rahul	0.80	2016-17	1 year
75.	Dr. Swarupkumar Y. Jejurkar	2.00	2017-18	1 year
76.	Jawed Iqbal	2.00	2017-18	3 years
77.	Neeta Kumari	2.00	2017-18	3 years
78.	Dr. Madhu Priya	1.00	2017-18	1.5 years
79.	Dr. Dilip K. Singh	2.00	2017-18	2 years
80.	Dr. Sourabh Lahiri	2.00	2017-18	2 years
81.	Dr. Amit Kumar Tiwari	2.00	2017-18	3 years
82.	Dr. Joydeep Dhar	2.00	2018-19	2 years
83.	Dr. Sourabh Barua	2.00	2018-19	2 years

84.	Dr. Dhirendra Kumar	2.00	2018-19	2 years
85.	Dr. Laxmi Narayan Tripathi	2.00	2018-19	2 years
86.	Dr. Ankush Pal	2.00	2018-19	2 years
87.	Dr. Nirupama	2.00	2018-19	2 years
88.	Dr. Dan Bahadur	2.00	2018-19	2 years
89.	Dr. Bikash Kumar Mondal	2.00	2018-19	2 years
90.	Dr. Anand Bharti	2.00	2018-19	2 years
91.	Dr. Jay Mant Jha	2.00	2018-19	2 years
92.	Dr. Yogendra Nath Prajapati	2.00	2018-19	2 years
93.	Dr. Ashok Kumar Baranwal	2.00	2018-19	2 years
94.	Dr. Grandhivemula Ravi Kumar	1.00	2018-19	2 years
95.	Dr. Raghwendra Singh	2.00	2018-19	2 years
96.	Mr. Shashi Kant	2.00	2018-19	2 years
97.	Dr. Pradip Kundu	1.50	2018-19	2 years
98.	Mr. Ankur Kanaujiya	2.00	2018-19	2 years
99.	Dr. D V V P R V B Suresh	2.00	2018-19	2 years
100.	Dr. Dhriti Sundar Patra	1.90	2018-19	2 years
101.	Dr. Arti Mishra	1.50	2018-19	2 years
102.	Dr. Manish Kumar	2.00	2018-19	2 years
103.	Dr. Rajeev Sharma	2.00	2018-19	2 years
104.	Mr. Kumar Goodwill	1.00	2018-19	2 years
105.	Dr. Jitendra Kumar Mishra	2.00	2018-19	2 years
106.	Mr. D V Siva Krishna Rao K	1.00	2018-19	2 years

107.	Dr. Tarkeshwar	2.30	2018-19	2 years
108.	Ms. Nishtha Bajoria	1.00	2018-19	2 years
109.	Mr. Radhamadhab Dalai	2.00	2018-19	2 years
110.	Mr. Pranshu Suraj	1.00	2018-19	2 years
111.	Mr. Arunangshu Pal	1.00	2018-19	2 years
112.	Mr. Rashmi Rathi Upadhyay	1.00	2018-19	2 years
113.	Dr. Shailesh Kumar Dewangan	2.00	2018-19	2 years
114.	Mr. Ananya Chattree	1.00	2018-19	2 years
115.	Dr. S V S K Deepak Kumar	2.00	2018-19	2 years
116.	Dr. Prakash Kumar	2.00	2018-19	2 years
117.	Mr. Sonu Rajak	1.00	2018-19	2 years
118.	Mr. Nikam Sagar Hanumant	2.00	2018-19	2 years
119.	Dr. Ratnesh Kumar	2.00	2018-19	2 years
120.	Dr. Smriti Mishra	2.00	2019-20	2 years
121.	Dr. Vinod Kumar Nigam	2.00	2019-20	2 years
122.	Dr. Shubha Rani Sharma	2.00	2019-20	2 years
123.	Dr. Dinesh Prasad	2.00	2019-20	2 years
124.	Dr. Chandan Kumar Das	2.30	2019-20	2 years
125.	Dr. Abhinav Tandon	0.60	2019-20	2 years
126.	Dr. Prabjot Kaur	2.00	2019-20	2 years
127.	Dr. Syeda Darakhshan Jabeen	2.00	2019-20	2 years
128.	Dr. Shamama Anwar	2.00	2019-20	2 years
129.	Dr. Akriti Nigam	2.00	2019-20	2 years

130.	Dr. Sanchita Paul	2.00	2019-20	2 years
131.	Dr. Kishore Kumar Senapati	2.00	2019-20	2 years
132.	Dr. Gyan Kumar Agarwal	2.00	2019-20	2 years



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*R.K. Singh*

Dean (FA&SR) office

**Associate Dean**  
(Faculty Affairs & Sponsored Research)  
**Birla Institute of Technology**  
**Mesra, Ranchi-835215**  
**Jharkhand**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-001/2015-16/ 3120

Date: 13-11.2015

To  
Dr. Satyaki Sarkar  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: IDENTIFICATION AND PRIORITIZATION OF HOUSING QUALITY INDICATORS FOR  
PROSPECTIVE BUYERS UNDER MIDDLE INCOME GROUP (MIG) SECTION**

Dear Dr. Sarkar

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra. Ranchi.

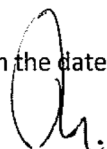
A letter of acceptance in the prescribed format (please see page-6 of rules & regulation-SMS) is required to be submitted by the Investigator (on receipt of this letter to the office of the Dean (SR)).

The fresh estimated budget is required to be submitted by all PIs to the office of the Dean (SR) incorporating the suggestions of the Evaluation Committee by the 19th Nov. 2015. The procurements will be started after the approval of the budget submitted by the PIs.

As per the rules & regulations of the SMS. all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra. Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.



(Registrar)

Copy to:-  
1. Dean (FA&SR)  
2. Addl. Registra (F & MM)  
3. Dy. Comptroller/Dy. Finance Officer

---

**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-002/2015-16/3121

Date: 13-11.2015

To  
Dr. Padmini Padmanabhan  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: SIZE FOCUSING STUDIES OF BIOSYNTHESIZED GOLD NANO PARTICLES BY COMBINED KINETIC-DIFFUSION-THERMODYNAMIC ANALYSIS**

Dear Dr. Padmanabhan

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra. Ranchi.

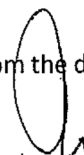
A letter of acceptance in the prescribed format (please see page-6 of rules & regulation-SMS) is required to be submitted by the Investigator (on receipt of this letter to the office of the Dean (SR)).

The fresh estimated budget is required to be submitted by all PIs to the office of the Dean (SR) incorporating the suggestions of the Evaluation Committee by the 19th Nov. 2015. The procurements will be started after the approval of the budget submitted by the PIs.

As per the rules & regulations of the SMS. all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra. Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.



(Registrar)

Copy to:-

1. Dean (FA&SR)
2. Addl. Registra (F & MM)
3. Dy. Comptroller/Dy. Finance Officer

---

**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-003/2015-16/3122

Date: 13-11.2015

To  
Dr. Shashiwati Ghosh Sachan  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: BIOREMEDIATION OF SYNTHETIC USING MICROORGANISMS**

Dear Dr. Sachan

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra. Ranchi.

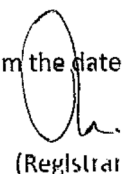
A letter of acceptance in the prescribed format (please see page-6 of rules & regulation-SMS) is required to be submitted by the Investigator (on receipt of this letter to the office of the Dean (SR)).

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As per the rules & regulations of the SMS, all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra. Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.



(Registrar)

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1. Dean (FA&SR)  
2. Addl. Registrar (F & MM)  
3. Dy. Comptroller/Dy. Finance Officer

---

**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-004/2015-16/3123

Date: 13-11.2015

To  
Dr. Koel Mukherjee  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: A STUDY ON GENE EXPRESSION RELATED TO WALL PROTEINS IN FLACHERIE INFECTED  
MULBERRY SILKWORMS (BOMBYX MORI L)**

Dear Dr. Mukherjee

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 85000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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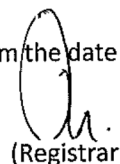
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(Registrar)

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2. Addl. Registra (F & MM)
3. Dy. Comptroller/Dy Finance Officer



# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-005/2015-16/3124

Date: 13-11-2015

To  
Dr. Kunal Mukhopadhyay  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: IDENTIFICATION AND MOLECULAR CHARECTERIZATION OF SNARE GENES IN WHEAT  
(TRITICUM AESTIVUM L.) RESPONSIVE TO RUST DISEASE**

Dear Dr. Mukhopadhyay

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra. Ranchi.

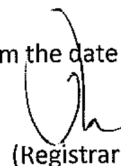
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Seed Money Scheme-2015

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-006/2015-16/3125

Date: 13-11.2015

To  
Dr. Rakesh Kumar Sinha  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: BRAIN AND CARDIAC SIGNALS ANALYSIS FOR THE DEVELOPMENT OF BRAIN-COMPUTER  
INTERFACE SYSTEMS**

Dear Dr. Sinha

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 70000 (Rs. Seventy thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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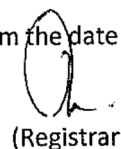
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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-007/2015-16/3/26

Date: 13-11.2015

To  
Dr. D.M. Pandey  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: EXPEDITION OF TRADITIONAL THERAPEUTIC PLANTS OF JHARKHAND AS A POTENTIAL  
SOURCE FOR NEW ANGLED RESTORATIVE POSSIBILITIES FOR CANCER TREATMENT**

Dear Dr. Pandey

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 65000 (Rs. Sixtyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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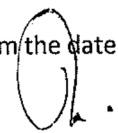
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-008/2015-16/3127

Date: 13-11.2015

To  
Dr. Sheela Chandra  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: CYTOTOXICITY SCREENING OF MEDICINAL PLANT EXTRACT ON HUMAN BREAST CANCER  
CELL LINES**

Dear Dr. Chandra

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 60000 (Rs. Sixty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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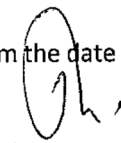
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-009/2015-16/3128

Date: 13-11.2015

To  
Dr. Hare Ram Singh  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF EXTRACTIVE FERMENTATION METHODOLOGY FOR THE ENHANCED PRODUCTION OF ENDOTOXIN FREE L-ASPARAGINASE**

Dear Dr. Singh

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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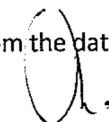
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-010/2015-16/3129

Date: 13-11.2015

To  
Dr. Santosh Kumar Jha  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF UPSTREAM AND DOWNSTREAM PROCESS FOR THE PRODUCTION OF MICROBIAL LIPID FROM OLEAGINOUS ENDOPHYTES USING NON-EDIBLE FEEDSTOCKS**

Dear Dr. Jha

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 85000 (Rs. Eightyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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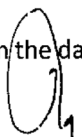
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-011/2015-16/ 3130

Date: 13-11.2015

To  
Dr. Ashish Sachan  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF AN ECO-FRIENDLY PROCESS TO EFFECTIVELY DEGRADE TRICLOSAN**

Dear Dr. Sachan

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

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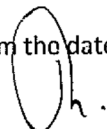
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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-012/2015-16/313/

Date: 13-11.2015

To  
Dr. Manish Kumar  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF MOLECULAR TARGETS FOR GENETIC ENGINEERING ON METABOLIC MAP OF ISOPRENOID BIOSYNTHESIS IN TULSI (OCIMUM SANCTUM L.) USING FUNCTIONAL GENOMICS APPROACHES**

Dear Dr. Kumar

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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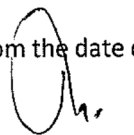
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**Seed Money Scheme-2015**



# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-013/2015-16/3182

Date: 13-11.2015

To  
Dr. Yogendra Aggawal  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: TO ANALYZE THE EFFECT OF DIFFERENT MUSIC TYPES ON AUTONOMIC NERVOUS  
SYSTEM**

Dear Dr. Aggawal

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 40000 (Rs. Fourty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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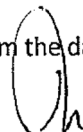
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-014/2015-16/ 3133

Date: 13-11.2015

To  
Mr. Pulak Dalla  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF WEATHER RESISTANT SHAPE MEMORY POLYMER**

Dear Mr. Datta

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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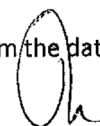
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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-015/2015-16/ 3134

Date: 13-11.2015

To  
Dr. Sumit Kumar Jana  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: RECYCLE OF POLYMERICWASTE TO LIQUID FUEL**

Dear Dr. Jana

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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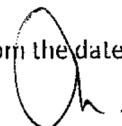
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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-017/2015-16/ 3136

Date: 13-11.2015

To  
Dr. Dharmendra Pandey  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: LOW TEMPERATURE CATALYTIC OZONE DECOMPOSITION**

Dear Dr. Pandey

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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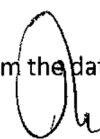
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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-018/2015-16/ 3137

Date: 13-11.2015

To  
Dr. Sudeepan J Sudeepan  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF NATURAL FIBER-EPOXY COMPOSITES USING VACUUM ASSISTED  
RESIN TRANSFER MODELING (VARTM) PROCESS FOR AUTOMOBILE STRUCTURAL APPLICATIONS**

Dear Dr. Sudeepan

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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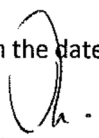
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(Registrar)

Copy to:-

1. Dean (FA&SR)
2. Addl. Registrar (F & MM)
3. Dy. Comptroller/Dy. Finance Officer

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-019/2015-16/ 3138

Date: 13-11.2015

To  
Dr. G.I. Mohanraj  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF 3D NETWORK CARBON NANOTUBES-FLASH WELDED POLYANILINE NANOFIBERS SUPERCAPACITIVE NANOCOMPOSITES FOR ELECTROMAGNETIC INTERFERENCE SHIELDING**

Dear Dr. Mohanraj

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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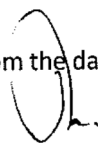
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(Registrar)

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3. Dy. Comptroller/Dy. Finance Officer

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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-020/2015-16/3139

Date: 13-11.2015

To  
Dr. Raghu Raja Pandlyan K. Pandlyan  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: MODELING, SIMULATION & OPTIMIZATION OF NANO-SIZE EVOLUTION DURING  
BIOSYNTHESIS OF GOLD NANO PARTICLES**

Dear Dr. Pandlyan

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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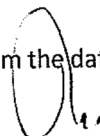
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-021/2015-16/3140

Date: 13-11.2015

To  
Dr. Poulomi Roy  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: FABRICATION OF NANOSTRUCTURED METAL OXIDES FOR ENERGY STORAGE DEVICES**

Dear Dr. Roy

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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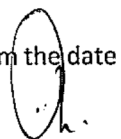
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**Seed Money Scheme-2015**



# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-022/2015-16/3141

Date: 13-11.2015

To  
Dr. Chandralata Bal  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: INTRA MOLECULAR RING CONTRACTION MEDIATED SYNTHESIS OF NOVEL 2-ISOXAZOL -  
YL - ACETAMIDE SCAFFOLD AS POSSIBLE ANTI-HIV AGENTS**

Dear Dr. Bal

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75000 (Rs. Seventyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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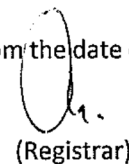
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Seed Money Scheme-2015

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-023/2015-16/3142

Date: 13-11.2015

To  
Dr. Sumit Mishra  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: SYNTHESIS AND CHARECTERIZATION OF THERMO SENSITIVE NANOCOMPOSITES BASED  
MODIFIED AGAR FOR WASTE WATER TREATMENT**

Dear Dr. Mishra

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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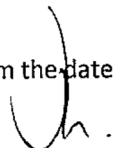
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Seed Money Scheme-2015

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-024/2015-16/ 3143

Date: 13-11.2015

To  
Dr. Susanta Sinha Mahapatra  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT A METHOD OF SHAPE CONTROLLED SYNTHESIS OF NON-PLATINUMANODE CATALYSTS FOR DIRCT ETHANOL FUEL CELLS (DRFCS) AND THEIR CHARECTERIZATION.**

Dear Dr. Mahapatra

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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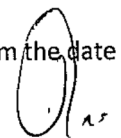
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-025/2015-16/ 3144

Date: 13-11.2015

To  
Dr. Subhendu Nasker  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: SYNTHESIS, CHARECTERIZATION AND CATECHOLASE ACTIVITY OF COPPER COMPLEX  
WITH N,O AND S DONOR LIGEND**

Dear Dr. Nasker

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scherme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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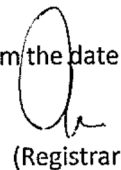
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3. Dy. Comptroller/Dy. Finance Officer

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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-026/2015-16/ 3145

Date: 13-11.2015

To  
Dr. Kirti Avishek  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: ASSESSMENT OF CARBON FOOT PRINT AND CARBON SEQUESTRATION POTENTIALS OF  
BIT MESRA CAMPUS**

Dear Dr. Avishek

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 79445 (Rs. Seventynine Thousand Four Hundred Foutryfive only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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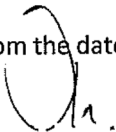
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-027/2015-16/3146

Date: 13-11.2015

To  
Dr. R.Naresh Kumar  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: CO-TREATMENT OF MUNICIPAL WASTEWATER AND LANDFILL LEACHATE USING  
GRANULAR ACTIVATED CARBON SUPPLEMENTED SEQUENCING BATCH REACTOR (GAC-SBR)**

Dear Dr. Kumar

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 79000 (Rs. Seventynine thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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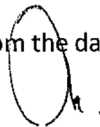
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-028/2015-16/3147

Date: 13-11.2015

To  
Dr. Bindhu Lal  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: PAVEMENT DESIGN BY USING RICE HUSK ASH AND BRIEK KILN DUST AS STABILIZING AGENT**

Dear Dr. Lal

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75520 (Rs. Seventyfive thousand Five Hundred Twenty only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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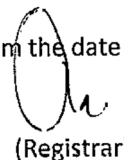
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-029/2015-16/3148

Date: 13-11.2015

To  
Dr. Abhijit Mustafi  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: INVESTIGATION OF DOCUMENT CLUSTERING USING NATURE BASED ALGORITHMS IN AN OPTIMIZED VECTOR SPACE**

Dear Dr. Mustafi

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 67000 (Rs. Sixtyseven thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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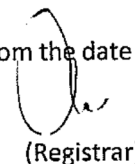
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**Seed Money Scheme-2015**



# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-030/2015-16/3149

Date: 13-11.2015

To  
Dr. Itu Snigdh  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DESIGN AND DEVELOPMENT OF PREDICTIVE STRUCTURAL HEALTH MONITORING SYSTEM**

Dear Dr. Snigdh

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 105000 (Rs. One Lakh Five thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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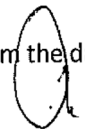
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(Registrar)

Copy to:-

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2. Addl. Registra (F & MM)
3. Dy. Comptroller/Dy. Finance Officer

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-031/2015-16/3150

Date: 13-11.2015

To  
Dr. Parashuram Thakura  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: HARDWARE DEVELOPMENT OF Z-SOURCE INVERTER FOR HYBRID ELECTRIC VEHICLES**

Dear Dr. Thakura

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

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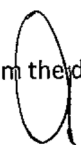
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(Registrar)

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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-032/2015-16/3151

Date: 13-11.2015

To  
Dr. Debomita Ghosh  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF LOW COST PMU AND ITS IMPLEMENTATION IN NETWORK FOR COMMUNICATION FEASIBILITY AMONGST THEM**

Dear Dr. Ghosh

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75000 (Rs. Seventyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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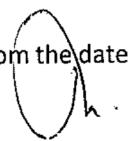
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-033/2015-16/3152

Date: 13-11.2015

To  
Dr. Sudhansu Kr. Mishra  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: MULTIOBJECTIVE OPTIMIZATION FOR MULTIPLE OBJECT TRACKING IN SURGERY VIDEO**

Dear Dr. Mishra

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 55000 (Rs. Fiftyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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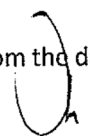
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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-034/2015-16/ 3153

Date: 13-11.2015

To  
Dr. Vijaya Laxmi  
BIT, Mesra

Sub: Seed Money Scheme-2015

## **Project Title: DEVELOPMENT OF VISUAL INSPECTION SYSTEM FOR MONITORING OF RAIL DEFORMATION**

Dear Dr. Laxmi

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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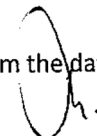
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-036/2015-16/3155

Date: 13-11.2015

To  
Dr. Sudip Kundu  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: MEMS BASED PIEZOELECTRIC ENERGY HARVESTER FOR PACEMAKER**

Dear Dr. Kundu

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 70000 (Rs. Seventy thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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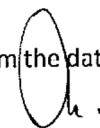
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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-037/2015-16/3156

Date: 13-11.2015

To  
Dr. Sandeep Singh Solanki  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: ELEPHANT LOCALIZATION AND ITS DRIVE OFF METHODOLOGY**

Dear Dr. Solanki

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 78000 (Rs. Seventyeight thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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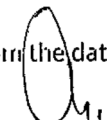
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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-038/2015-16/ 3157

Date: 13-11.2015

To  
Dr. Sanjeet Kumar  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DESIGN OF A VISUAL SENSOR NETWORK FOR SMART AND SURVEILLANCE**

Dear Dr. Kumar

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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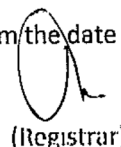
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**Seed Money Scheme-2015**



# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-039/2015-16/ *3158*

Date: 13-11.2015

To  
Dr. Manoj Kumar Mukul  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: EPGA BASED DEVELOPMENT OF AUTOMATIC CAMERA STEERING SYSTEM USING  
MICROPHONE ARRAY FOR VIDEO CONFERENCING**

Dear Dr. Mukul

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75000 (Rs. Seventyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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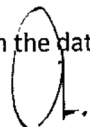
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-040/2015-16/3159

Date: 13-11.2015

To  
Dr. Sanjaya Shankar Tripathy  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DETECTION OF MALARIA PARASITES FROM BLOOD SAMPLE USING IMAGE PROCESSING**

Dear Dr. Tripathy

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 65000 (Rs. Sixtyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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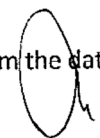
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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-041/2015-16/3160

Date: 13-11.2015

To  
Dr. Sitanshu Sekhar Sahu  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: AN IN SILICO APPROACH FOR PREDICTING HOS-MICROBE PROTEIN-PROTEIN  
INTERACTION NETWORK IN RICE**

Dear Dr. Sahu

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75000 (Rs. Seventyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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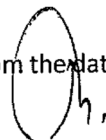
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-042/2015-16/ 3161

Date: 13-11.2015

To  
Dr. Dileep Kumar Upadhyay  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DESIGN AND DEVELOPMENT OF LEFT-HANDED METAMATERIALS BASED MICROWAVE  
CIRCUITS FOR WIRELESS COMMUNICATION SYSTEMS**

Dear Dr. Upadhyay

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 77000 (Rs. Seventyseven thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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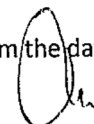
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-043/2015-16/ 3162

Date: 13-11.2015

To  
Dr. Rajeshwari Chatterjee  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: CHARACTERIZATION OF SUSTAINABLE BIO-DIESEL PRODUCTION FOR GREEN ENVIRONMENT**

Dear Dr. Chatterjee

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 85000 (Rs. Eightyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-044/2015-16/3163

Date: 13-11.2015

To  
Dr. Rajeev Kumar  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DESIGN AND DEVELOPMENT OF SOLAR COLLECTOR AND CONCENTRATOR FOR POWER GENERATION THROUGH STIRLING ENGINE**

Dear Dr. Kumar

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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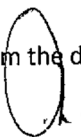
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(Registrar)

Copy to:-

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2. Addl. Registra (F & MM)
3. Dy. Comptroller/Dy. Finance Officer

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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-046/2015-16/3165

Date: 13-11.2015

To  
Mrs. Richa Pandey  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: COMPARISON OF CAD AND CONVENTIONAL PROSTHETICS SOCKETS FOR PRESURRE  
DISTRIBUTION AND MATERIALS BY FEA**

Dear Mrs. Pandey

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75000 (Rs. Seventyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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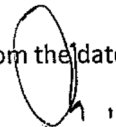
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(Registrar)

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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-047/2015-16/3166

Date: 13-11.2015

To  
Dr. Dipti Prasad Mishra  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: REDUCTION OF EXHAUST GAS TEMPERATURE USING INFRARED SUPPRESSION DEVICE**

Dear Dr. Mishra

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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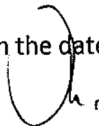
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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-049/2015-16/3167

Date: 13-11.2015

To  
Dr. Dhaneshwar Mahto  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DESIGN DEVELOPMENT OF FOCUSING SOLAR STILL FOR LASS PRODUCTION OF PURIFIED WATER**

Dear Dr. Mahto

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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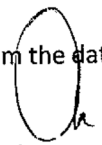
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-050/2015-16/3168

Date: 13-11.2015

To  
Dr. Praveen Mishra  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: PHYSICAL MODELING OF FLUID FLOW IN SEN AND MOULD OF SLAB CASTER**

Dear Dr. Mishra

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 78000 (Rs. Seventyeight thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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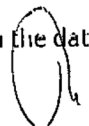
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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-051/2015-16/3169

Date: 13-11.2015

To  
Dr. Animesh Ghosh  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: TO ENHANCE BIOAVAILABILITY OF ANTIHYPERTENSIVE AGENTS BY CRYSTAL  
ENGINEERING TECHNIQUE**

Dear Dr. Ghosh

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 123000 (Rs. One Lakh Twentythree thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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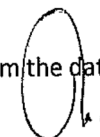
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-052/2015-16/ 3170

Date: 13-11.2015

To  
Dr. Neellma Sharma  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: EVALUATION OF APOPTPTIC MECHANISM OF DELTAMETHRIN AS A PROMISING  
CANDIDATE AGAINST CANCER**

Dear Dr. Sharma

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75000 (Rs. Seventyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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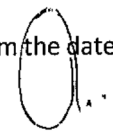
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-053/2015-16/3/7/

Date: 13-11.2015

To  
Dr. Manik  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF ANTICANCER FORMULATIONS FROM LAC BASED ON IN-VITRO STUDIES ON SELECTED CANCER CELL LINES**

Dear Dr.

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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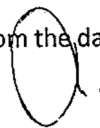
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# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-054/2015-16/3172

Date: 13-11.2015

To  
Dr. Trishna Bal  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: PREPARATION OF CARBON NANOTUBE (CNT) FROM NATURAL AND FABRICATION OF CNT LOADED INTERPENETRATING POLYMERIC NETWORK (IPN) AS DRUG DELIVERY DEVICE: THEIR INVITRO AND INVIVO EVALUATIONS**

Dear Dr. Bal

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 78000 (Rs. Seventyeight thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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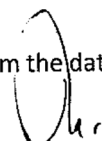
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-055/2015-16/3173

Date: 13-11.2015

To  
Dr. Anima Pandey  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: PREPARATION AND EVALUTION OF NUTRACEUTICAL PRODUCT FROM BAEI POWDER**

Dear Dr. Pandey

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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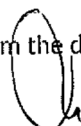
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-056/2015-16/3/74

Date: 13-11.2015

To  
Dr. Abhimanyu Dev  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: GREEN SYNTHESIS OF SILVER NANOPARTICLES AND ITS APPLICATION IN CANCER  
TARGETED DRUG DELIVERY**

Dear Dr. Dev

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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**Seed Money Scheme-2015**



# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-057/2015-16/3175

Date: 13-11.2015

To  
Dr. Kishanta Kr. Pradhan  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: PHARMACOKINETIC STUDY OF CARDIOVASCULAR DRUGS IN COMBINATION WITH  
DIFFERENT ANTIOXIDANTS**

Dear Dr. Pradhan

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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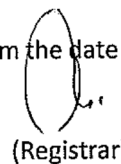
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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-059/2015-16/3177

Date: 13-11.2015

To  
Dr. Biswatrish Sarkar  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: STUDY ON HEPATOPROTECTIVE PROPERTIES AND EXPRESSION OF ANTIOXIDANT  
ENZYMES BY ANTHOCYANINS FROM OCIMIM TENUIFLORUM**

Dear Dr. Sarkar

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 85000 (Rs. Eightyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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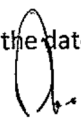
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(Registrar)

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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-060/2015-16/3178

Date: 13-11.2015

To  
Mr. Ashok Kumar Pattnaik  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: EVALUATION OF HYPOLIPIDEMIC AND ANTI OBESITY ACTIVITIES OF SOME**

Dear Mr. Pattnaik

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 85000 (Rs. Eightyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra. Ranchi.

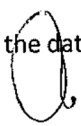
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As per the rules & regulations of the SMS. all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra. Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.



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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-061/2015-16/3179

Date: 13-11.2015

To  
Dr. Nishi Srivastava  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: COMPARISON OF AEROSOL PRODUCTS MEASURE WITH SATELLITE AGAINST GROUND  
BASED OBSERVATION OVER INDIA SUB-CONTINENT**

Dear Dr. Srivastava

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 60000 (Rs. Sixty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra. Ranchi.

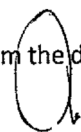
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-062/2015-16/ 3180

Date: 13-11.2015

To  
Dr. Rishi Sharma  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: SYNTHESIS OF GRAPHENE BY CHEMICAL METHOD FOR LARGE AREA TRANSPARENT SUBSTRATES**

Dear Dr. Sharma

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 75000 (Rs. Seventyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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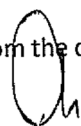
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Seed Money Scheme-2015

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-063/2015-16/ 3181

Date: 13-11.2015

To  
Dr. Sunita Keshri  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: STUDIES ON SUPERPARAMAGNETIC CMR NANOPARTICLES FOR HYPERTHERMIA  
APPLICATION**

Dear Dr. Keshri

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 55000 (Rs. Fiftyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra. Ranchi.


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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-064/2015-16/3182

Date: 13-11.2015

To  
Dr. Sanat Kr. Mukherjee  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: FABRICATION OF TRANSPARENT P-N HETEROJUNCTION DIODES USING NOVAL P AND-  
TYPE TRANSPARENT METAL OXIDE NANOMATERIALS**

Dear Dr. Mukherjee

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

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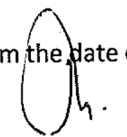
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The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.



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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-065/2015-16/8183

Date: 13-11.2015

To  
Dr. Joyjeet Ghose  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: MICRO-EDM MACHINING OF NANOCONDUCTIIN CRAMICS**

Dear Dr. Ghose

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilltate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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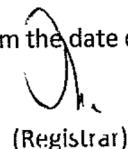
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The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.



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Seed Money Scheme-2015



# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-066/2015-16/3184

Date: 13-11.2015

To  
Dr. Rajeev Agarwal  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPING OPTIMAL FACILITY LOCATION STRATEGIES BY LEVERAGING THE LATEST GEOGRAPHIC INFORMATION SYSTEMS (GIS) TECHNOLOGIES**

Dear Dr. Agarwal

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra, Ranchi.

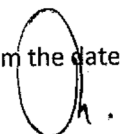
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The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS

  
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-067/2015-16/3185

Date: 13-11.2015

To  
Dr. S.C. Srivastava  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF FILAMENT WINDING MACHINE**

Dear Dr. Srivastava

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

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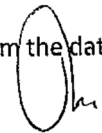
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**Seed Money Scheme-2015**

# BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref: Ref.GO/SMS/DSR-069/2015-16/3187

Date: 13-11.2015

To  
Dr. Vijay Pandey  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: AUTOMATION OF WATER JET MACHINING SYSTEM FOR FOOD PROCESSING, PACKAGING AND LEATHER INDUSTRIES**

Dear Dr. Pandey

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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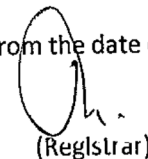
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Seed Money Scheme-2015

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-071/2015-16/ 3/ 88

Date: 13-11.2015

To  
Dr. Sudip Das  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: EFFECT OF NOSE BLUNTNESS ON THE AXIAL FORCE OVER SPIKED BLUNT NOSE BODY**

Dear Dr. Das

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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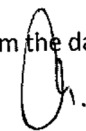
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# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-072/2015-16/3189

Date: 13-11.2015

To  
Dr. Rajiv Kumar  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: COMPARISON OF PERFORMANCE PARAMETER OF A HYBRID FUEL USING GASEOUS  
OXYGEN AND NITROUS OXIDE**

Dear Dr. Kumar

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80000 (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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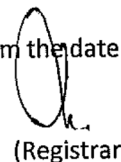
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**Seed Money Scheme-2015**

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Ref: Ref.GO/SMS/DSR-073/2015-16/3190

Date: 13-11.2015

To  
Dr. Partha Mondal  
BIT, Mesra

Sub: Seed Money Scheme-2015

**Project Title: DEVELOPMENT OF A 3D UNSTRUCTURED COMPRESSIBLE FLOW SOLVER**

Dear Dr. Mondal

This has reference to your submission of the above mentioned research proposal for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 85000 (Rs. Eightyfive thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g. DST,DBT, CSIR,BRNS,ISRO,ARDB, DRDO etc.

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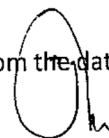
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3. Dy. Comptroller/Dy. Finance Officer

# **BIRLA INSTITUTE OF TECHNOLOGY MESRA RANCHI**

Ref. GO/SMS/2016/2016-17/10

Date 5/10/2016

Dr. Siddhartha Sengupta  
Assistant Professor  
Civil & Environmental Engineering  
BIT Mesra  
**Sub:- Seed Money Scheme -2016**

This has reference to your submission of the proposal under SMS-2016 for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80,000/- (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g., DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra, Ranchi.

A letter of acceptance in the prescribed format (please see page-6 of rules & regulations-SMS) is required to be submitted by the Investigator(s) on receipt of this letter to the office of the Dean (SR).

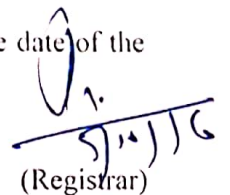
The fresh estimated budget in the prescribed format (please see page-5 of SMS rules & regulations) is required to be submitted to the Office of Dean (SR) latest by 17th October, 2016.

Please note that equipments do not cover any computer peripherals like HDD, Printer, USB, Internet Data Card etc. Also note that procurements will be started after the approval of the budget submitted by the PIs.

As per the rules & regulations of the SMS, all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra, Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.

  
(Registrar)

Copy to:-

1. Dean (SR)
2. Addl. Registrar (F.&MM)
3. Dy. Comptroller / Dy. Finance Officer
4. PS to the Vice chancellor
5. File

**Registrar**  
**Birla Institute of Technology**  
**Mesra: Ranchi**





**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA RANCHI**

Ref. GO/SMS/2016/2016-17/ 9

Date 5/10/2016

Dr. Tanushree Bhattacharya  
Assistant Professor  
Civil & Environmental Engineering  
BIT Mesra  
**Sub:- Seed Money Scheme -2016**

This has reference to your submission of the proposal under SMS-2016 for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80,000/- (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g., DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra, Ranchi.

A letter of acceptance in the prescribed format (please see page-6 of rules & regulations-SMS) is required to be submitted by the Investigator(s) on receipt of this letter to the office of the Dean (SR).

The fresh estimated budget in the prescribed format (please see page-5 of SMS rules & regulations) is required to be submitted to the Office of Dean (SR) latest by 17th October, 2016.

Please note that equipments do not cover any computer peripherals like HDD, Printer, USB, Internet Data Card etc. Also note that procurements will be started after the approval of the budget submitted by the PIs.

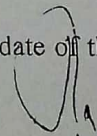
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The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.

Copy to:-

1. Dean (SR)
2. Addl. Registrar (F.&MM)
3. Dy. Comptroller / Dy. Finance Officer
4. PS to the Vice chancellor
5. File

  
(Registrar) 5/10/16

Mesra, Ranchi



## BIRLA INSTITUTE OF TECHNOLOGY MESRA RANCHI

Ref. GO/SMS/2016/2016-17/1

Date 22/09/2016

Dr. Venkatesan Jayaprakash  
Associate Professor  
Pharmaceutical Science & Technology  
BIT Mesra

### **Sub:- Seed Money Scheme(SMS) -2016**

This has reference to your submission of the proposal under SMS-2016 for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80,000/- (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g., DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra, Ranchi.

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As per the rules & regulations of the SMS, all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra, Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.

Copy to:-

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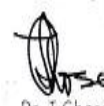
(Registrar)

*Registrar*

**Birla Institute of Technology  
Mesra, Ranchi**

**BUDGET FOR SEED MONEY SCHEME (SMS -16)**

Project No.	Name of PI	Dept.	Budget (Head)	Amount Approved by SRCC
010/2016	Dr. Sugato Banerjee	Pharmacy	Minor Equipment/Software(Generic Name With minimum required accessories, make & model & cost in indian Rupees) (Mention other PI(s) name Department with whom joint purchase is proposed)	0
			Consumables	72000
			Travel support for the purpose of research work.	0
			Contingency	8000
			Others	0
			<b>Total</b>	<b>80000</b>

  
 Dr. T. Ghose 21-11-16  
 Dean (SR)

**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA RANCHI**

---

Ref. GO/SMS/2016/2016-17/2

Date 22/09/2016

Dr. Shakti P. Pattanayak  
Assistant Professor  
Pharmaceutical Sciences & Technology  
BIT Mesra

**Sub:- Seed Money Scheme -2016**

This has reference to your submission of the proposal under SMS-2016 for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80,000/- (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g., DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra, Ranchi.

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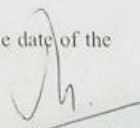
As per the rules & regulations of the SMS, all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra, Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.

Copy to:-

1. Dean (SR)
2. Addl. Registrar (F.&MM)
3. Dy. Comptroller / Dy. Finance Officer
4. PS to the Vice chancellor
5. File

  
(Registrar)  
**Registrar**  
**Birla Institute of Technology**  
**Mesra, Ranchi**

## BIRLA INSTITUTE OF TECHNOLOGY MESRA RANCHI

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Ref. GO/SMS/2016/2016-17/8

Date 22/09/2016

Dr. Bidhan Chandra Ruidas  
Assistant Professor  
Chem. Engg. & Tech.  
BIT Mesra  
**Sub:- Seed Money Scheme -2016**

This has reference to your submission of the proposal under SMS-2016 for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the above mentioned project for a period of one year at a total cost of Rs. 80,000/- (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g., DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra, Ranchi.

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The fresh estimated budget in the prescribed format (please see page-5 of SMS rules & regulations) is required to be submitted to the Office of Dean (SR) latest by 17th October, 2016.

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As per the rules & regulations of the SMS, all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to Birla Institute of Technology, Mesra, Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.

Copy to:-

1. Dean (SR)
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3. Dy. Comptroller / Dy. Finance Officer
4. PS to the Vice chancellor
5. File

(Registrar)

Registrar

Birla Institute of Technology  
Mesra; Ranchi



# **BIRLA INSTITUTE OF TECHNOLOGY MESRA RANCHI**

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Ref. GO/SMS/2016/2016-17/16

Date 08/12/2016

Dr. Shelly Biswas  
Assistant Professor  
Deptt. of Space Engineering & Rocketry  
BIT Mesra

## **Sub:- Seed Money Scheme(SMS) -2016**

This has reference to your submission of the proposal under SMS-2016 for funding by the Institute under Seed Money Scheme (SMS). The Evaluation Committee of the Institute reviewed the proposal and the Institute has approved the project for a period of one year at a total cost of Rs. 80,000/- (Rs. Eighty thousand only) to facilitate the initial expenditure of the project so that a good proposal may be submitted by you to one of the external funding agencies e.g., DST, DBT, CSIR, BRNS, ISRO, ARDB, DRDO etc.

Sanction of the grant is subject to the rules and regulations of the Seed Money Scheme of Birla Institute of Technology, Mesra, Ranchi.

A letter of acceptance in the prescribed format (please see page-6 of rules & regulations-SMS) is required to be submitted by the Investigator(s) on receipt of this letter to the office of the Dean (SR).

The fresh estimated budget in the prescribed format (please see page-5 of SMS rules & regulations) is required to be submitted to the Office of Dean (SR) latest by 22nd December, 2016.

Please note that equipments do not cover any computer peripherals like HDD, Printer, USB, Internet Data Card etc. Also note that procurements will be started after the approval of the budget submitted by the Pls.

As per the rules & regulations of the SMS, all procurements under this scheme will be strictly as per the Institute purchase policy.

Principal Investigator should ensure that the statement of expenditure & utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned, shall be furnished to Birla Institute of Technology, Mesra, Ranchi in time.

The next presentation on the progress of the project will be held after three months from the date of the sanction of the SMS.

  
(Registrar)

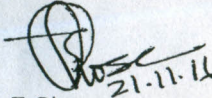
Copy to:-

1. Dean (SR)
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5. File



BUDGET FOR SEED MONEY SCHEME (SMS)

Project No.	Name of PI	Dept.	Budget (Head)	Amount Approved by SRCC
	Dr. Rahul	Chemistry	Minor equipment (Microwave Oven)	15,000.00
			Consumables (chemicals)	50,000.00
			Travel support for the purpose of research work	5,000.00
			Contingency	10,000.00
			Others	
			Total	80000

  
T. Ghose  
Dean (SR)



**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/Estb/2017-18/5134

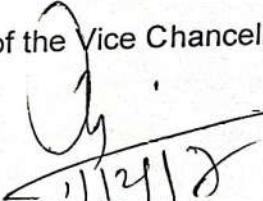
Date: 01<sup>st</sup> December, 2017

**SEED MONEY SCHEME – 2017**

Consequent upon the approval of the competent authority on the recommendation of the advisory committee to Dean (FA&SR), financial support under **Seed Money Scheme-2017** for the FY 2017-2018 is being accorded to the following faculty member with details as under:

Sl No.	Name of Faculty, Designation & Department	Title of Project	Amount Rs. In Lakhs
1.	Dr. Swarupkumar Y. Jejurkar, Assistant Professor, Space Engineering & Rocketry, BIT Mesra	Formulation and Characterization of Slurry Fuels for Afterburners.	2.0

By order of the Vice Chancellor,

  
11/12/17  
Registrar

Copy to:

- (i) Concerned Person
- (ii) Concerned Head of the Department
- (iii) Dean (FA&SR)
- (iv) Addl. Registrar (F&MM)/Dy. Comptroller/Dy. Finance Officer
- (v) PS to Vice Chancellor
- (vi) File



**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/Estb/2017-18/ 5134

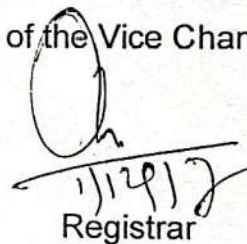
Date: 01<sup>st</sup> December, 2017

**SEED MONEY SCHEME – 2017**

Consequent upon the approval of the competent authority on the recommendation of the advisory committee to Dean (FA&SR), financial support under **Seed Money Scheme-2017** for the FY 2017-2018 is being accorded to the following faculty member with details as under:

Sl No.	Name of Faculty, Designation & Department	Title of Project	Amount Rs. In Lakhs
1.	Dr. Jawed Iqbal, Assistant Professor, Civil & Environmental Engineering, BIT Mesra	Response Surface Method Assisted Optimal Process Design for slaughterhouse Wastewater Treatment in Sequencing Batch Biofilm Reactor (SBBR).	2.0

By order of the Vice Chancellor,

  
Registrar

Copy to:

- (i) Concerned Person
- (ii) Concerned Head of the Department
- ☒ (iii) Dean (FA&SR)
- (iv) Addl. Registrar (F&MM)/Dy. Comptroller/Dy. Finance Officer
- (v) PS to Vice Chancellor
- (vi) File



**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/Estb/2017-18/ 5/34


Date: 01<sup>st</sup> December, 2017

**SEED MONEY SCHEME – 2017**

Consequent upon the approval of the competent authority on the recommendation of the advisory committee to Dean (FA&SR), financial support under **Seed Money Scheme-2017** for the FY 2017-2018 is being accorded to the following faculty member with details as under:

SI No.	Name of Faculty, Designation & Department	Title of Project	Amount Rs. In Lakhs
1.	Dr. Neeta Kumari, Assistant Professor, Civil & Environmental Engineering, BIT Mesra	Study of Seasonal Hydrogeochemistry and Variation Assessment Using Multivariate Statistical Analysis of Soil and water Along a Stretch of Jumar and Kanke Watershed.	2.0

By order of the Vice Chancellor,

  
Registrar

Copy to:

- (i) Concerned Person
- (ii) Concerned Head of the Department
- ~~(iii)~~ Dean (FA&SR)
- (iv) Addl. Registrar (F&MM)/Dy. Comptroller/Dy. Finance Officer
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**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/Estb/2017-18/ 5/34

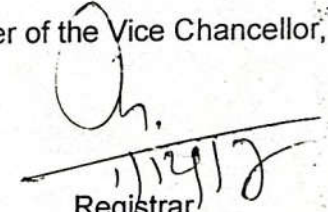
Date: 01<sup>st</sup> December, 2017

**SEED MONEY SCHEME – 2017**

Consequent upon the approval of the competent authority on the recommendation of the advisory committee to Dean (FA&SR), financial support under **Seed Money Scheme-2017** for the FY 2017-2018 is being accorded to the following faculty member with details as under:

SI No.	Name of Faculty, Designation & Department	Title of Project	Amount Rs. In Lakhs
1.	Dr. Madhu Priya, Assistant Professor, Dept. of Physics, BIT Mesra	Dynamics of dense colloidal suspensions under steady shear	1.0

By order of the Vice Chancellor,

  
Registrar

Copy to:

- (i) Concerned Person
- (ii) Concerned Head of the Department
- ✓ (iii) Dean (FA&SR)
- (iv) Addl. Registrar (F&MM)/Dy. Comptroller/Dy. Finance Officer
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**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

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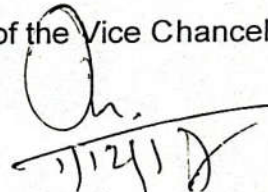
Date: 01<sup>st</sup> December, 2017

**SEED MONEY SCHEME – 2017**

Consequent upon the approval of the competent authority on the recommendation of the advisory committee to Dean (FA&SR), financial support under **Seed Money Scheme-2017** for the FY 2017-2018 is being accorded to the following faculty member with details as under:

Sl No.	Name of Faculty, Designation & Department	Title of Project	Amount Rs. In Lakhs
1.	Dr. Dilip Kumar Singh, Assistant Professor, Dept. of Physics, BIT Mesra	Growth of diamond thin films with Silicon – vacancy Centers for Heralded Photon Emission.	2.0

By order of the Vice Chancellor,

  
Registrar

Copy to:

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- (ii) Concerned Head of the Department
- (iii) ✓ Dean (FA&SR)
- (iv) Addl. Registrar (F&MM)/Dy. Comptroller/Dy. Finance Officer
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**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/Estb/2017-18/ *5/34*

Date: 01<sup>st</sup> December, 2017

**SEED MONEY SCHEME – 2017**

Consequent upon the approval of the competent authority on the recommendation of the advisory committee to Dean (FA&SR), financial support under **Seed Money Scheme-2017** for the FY 2017-2018 is being accorded to the following faculty member with details as under:

Sl No.	Name of Faculty, Designation & Department	Title of Project	Amount Rs. In Lakhs
1.	Dr. Sourabh Lahiri, Assistant Professor, Dept. of Physics, BIT Mesra	Numerical analysis of Stochastic heat engines with active particles.	2.0

By order of the Vice Chancellor,

  
11/2/18  
Registrar

Copy to:

- (i) Concerned Person
- (ii) Concerned Head of the Department
- ☒ (iii) Dean (FA&SR)
- (iv) Addl. Registrar (F&MM)/Dy. Comptroller/Dy. Finance Officer
- (v) PS to Vice Chancellor
- (vi) File



**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/Estb/2017-18/ *5/34*

Date: 01<sup>st</sup> December, 2017

**SEED MONEY SCHEME – 2017**

Consequent upon the approval of the competent authority on the recommendation of the advisory committee to Dean (FA&SR), financial support under **Seed Money Scheme-2017** for the FY 2017-2018 is being accorded to the following faculty member with details as under:

Sl No.	Name of Faculty, Designation & Department	Title of Project	Amount Rs. In Lakhs
1.	Dr. Amit Kumar Tiwari, Assistant Professor, Dept. of Chemical Engineering, BIT Mesra	Development of Food grade Nutraceuticals from mature seeds of Jackfruit, Physicochemical Evaluation and Quality Control of Developed Nutraceuticals.	1.25

By order of the Vice Chancellor,

  
Registrar

Copy to:

- (i) Concerned Person
- (ii) Concerned Head of the Department
- ☒ (iii) Dean (FA&SR)
- (iv) Addl. Registrar (F&MM)/Dy. Comptroller/Dy. Finance Officer
- (v) PS to Vice Chancellor
- (vi) File

**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/OO/SMS/2018-19/ 2183

Date: 20<sup>th</sup> June, 2018

**OFFICE ORDER**

**SEED MONEY SCHEME-2018**

Consequent upon the approval of the competent authority, financial support from the NPIU-TEQIP-III grant (New R&D Projects) under Seem Money Scheme 2018 for the FY 2018-2019 is being accorded to the following faculty members with details ( Group A and B) as under:

**1. Approved 21 Projects Proposal under Seed Money Scheme-2018 (NPIU-TEQIP-III Faculty (GROUP-A))**

Sl No.	Name of PI	Title of Project	Department	Non-Recurring (Equipments /Software etc.) in Rs. (A)	Recurring (Chemicals/ Consumables/ Travel/ Contingency etc.) in Rs. (B)	Total in Rs. (=A+B)
1.	Dr. Joydeep Dhar	Band-gap Engg. of lead-free perovskite quantum dots for optoelectronic application	Chemistry	50000/-	150000/-	200000/-
2.	Dr. Sourabh Barua	Electrical and Magnetotransport studies of transition metal dichalcogenide 2D materials	Physics	120000/-	80000/-	200000/-
3.	Dr. Dharendra Kumar	Three Dimentational holographic display system based on multi-plane phase-only computer generated hologram	Physics	125000/-	75000/-	200000/-
4.	Dr. Laxmi Narayan Tripathi	Plasmonic enhanced light matter interaction in 2 <sup>nd</sup> materials for efficient energy	Physics	125000/-	75000/-	200000/-
5.	Dr. Ankush Pal	Breakage of multilamellar vesicles in shear flow	Chemical Engg.	40000/-	160000/-	200000/-
6.	Dr. Nirupama	Mechanical, thermal and flammability performance of coir fiber/poly(lactic acid) biocomposites: effect of flame retardant type and content	Chemical Engg.	0/-	200000/-	200000/-



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7.	Dr. Dan Bahadur	Nanofiber synthesis and characterization and its application in environment/wastewater	Chemical Engg.	0/-	200000/-	200000/-
8.	Dr. Bikash Kumar Mondal	Development of novel solvent system and process configuration for the post-combustion Co2 capture	Chemical Engg.	140000/-	60000/-	200000/-
9.	Dr. Anand Bharti	Extractive desulphurization of gas oil using deep eutectic solvents	Chemical Engg.	0/-	200000/-	200000/-
10.	Dr. Jay Mant Jha	Nanomaterials synthesis and application in heat transfer	Chemical Engg.	0/-	200000/-	200000/-
11.	Dr. Yogendra Nath Prajapati	Photocatalytic desulfurization of diesel oil by bentonite supported TiO2 catalyst	Chemical Engg.	0/-	200000/-	200000/-
12.	Dr. Ashok Kumar Baranwal	Adsorptive denitrogenation of diesel fuel by carbon nanofibers support Cu adsorbents	Chemical Engg.	0/-	200000/-	200000/-
13.	Dr. Grandhivemula Ravi Kumar	Synthesis of amorphous silica nanoparticlers (SNP's) from the rice husk ash (RHA)	Chemical Engg.	0/-	100000/-	100000/-
14.	Dr. Raghwendra Singh	Analysis of multidimensional nonlinear hyperbolic systems of conservation laws	Mathematics	75000/-	125000/-	200000/-
15.	Mr. Shashi Kant	Study of coupled thermo mechanical problems under the generalized the rmoelasticity theory	Mathematics	50000/-	125000/-	200000/-
16.	Dr. Pradip Kundu	Formulation and solution of solid transportation problem with multiple objectives, several items, and uncertain parameters	Mathematics	46057/-	110000/-	156057/-
17.	Mr. Ankur Kanaujiya	Numerical method for pricing of passport option with jump-diffusion model	Mathematics	50000/-	150000/-	200000/-
18.	Dr. D V V P R V B Suresh	A Study on erdos-faber-lovasz conjecture	Mathematics	50000/-	150000/-	200000/-



19.	Dr. Dhriti Sundar Patra	Critical metrics on the total scalar curvature functional on Riemannian manifolds	Mathematics	15099/-	184000/-	199099/-
20.	Dr. Arti Mishra	Dynamic modeling of zikadengue co-infection	Mathematics	35000/-	120000/-	155000/-
21.	Dr. Manish Kumar	Study on efficient procedures for parameter estimation in sample surveys	Mathematics	50000/-	150000/-	200000/-

## 2. Approved 17 Projects Proposal under Seed Money Scheme-2018 {NPIU-TEQIP-III Faculty (GROUP-B)}

Sl No.	Name of PI	Title of Project	Department	Non-Recurring (Equipments /Software etc.) in Rs. (A)	Recurring (Chemicals/ Consumables/ Travel/ Contingency etc.) in Rs. (B)	Total in Rs. (=A+B)
1.	Dr. Rajeev Sharma	Automated sleep stages classification using advanced wavelet based techniques	Electronics and Communication Engg.	130000/-	70000/-	200000/-
2.	Mr. Kumar Goodwill	Compact MIMO antenna design for on board wireless applications	Electronics and Communication Engg.	30000/-	70000/-	100000/-
3.	Dr. Jitendra Kumar Mishra	Spatially multiplexed transmission over multicore fiber for future short reach optical interconnect systems	Electronics and Communication Engg.	150000/-	50000/-	200000/-
4.	Mr. D V Siva Krishna Rao K	Solar radiation estimation and performance indices analysis of solar photovoltaic system for an Indian location	Electrical and Electronics Engineering	90000/-	10000/-	100000/-
5.	Dr. Tarkeshwar	Power management strategy in a hybrid power system	Electrical and Electronics Engineering	60000/-	170000/-	230000/-
6.	Ms. Nishtha Bajoria	Short term power forecasting of grid connected solar photovoltaic system	Electrical and Electronics Engineering	0/-	100000/-	100000/-
7.	Mr. Radhamadhab	Vision based multi-head weighing	Computer Science &	150000/-	50000/-	200000/-



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	Dalai	machine for automated food packager system	Engineering			
8.	Mr. Pranshu Suraj	Data preprocessing of psatio-temporal sensor data for groundwater depletion and recharge rate predction	Computer Science & Engineering	10000/-	90000/-	100000/-
9.	Mr. Arunangshu Pal	Design and development of a computational method for predicting ptoein-protein interaction (PPI)	Computer Science & Engineering	50000/-	50000/-	100000/-
10.	Mr. Rashmi Rathi Upadhyay	HMV component failure prediction and predictive maintenance with machine learning algorithm	Computer Science & Engineering	0/-	100000/-	100000/-
11.	Dr. Shailesh Kumar Dewangan	Improvement the quality of microholes machining of inconel 600 by using micro EDM	Production Engineering	120000/-	80000/-	200000/-
12.	Mr. Ananya Chattree	Thixoforming of aluminium based alloys and composites Part B: Synthesis and characterization of A356 based nanocomposite	Production Engineering	0/-	100000/-	100000/-
13.	Dr. SVSK Deepak Kumar	Thxoforming of aluminium based alloys and composites	Production Engineering	120000/-	80000/-	200000/-
14.	Dr. Prakash Kumar	Some studies on the effect of evolution of intermetallic phases during ageing and their effect on room temperature mechanical properies	Production Engineering	120000/-	80000/-	200000/-
15.	Mr. Sonu	A decision	Production	30000/-	70000/-	100000/-



	Rajak	framework for sustainable supplier selection in strategic sourcing	Engineering			
118	16. Mr. Nikam Sagar Hanumant	Development of wire metal inert gas (WMIG) based deposition process for additive manufacturing applications	Production Engineering	130000/-	70000/-	200000/-
119	17. Dr. Ratnesh Kumar	Fatigue strength analysis of friction stir welded joint of dissimilar alloys	Mechanical Engineering	70000/-	130000/-	200000/-

  
27-6/18  
Registrar

To,

All concerned

Copy to:

- (i) All Deans and Heads/In-charges of the academic departments
- (ii) Addl Registrar (F&MM)/ Dy. Comptroller/ Dy. Finance Officer
- (iii) AO(Estb-NT)/AR(GO)
- (iv) PS to Vice Chancellor
- (v) File

**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

Ref No. GO/Estb/SMS/2019-20/2122

Date: 04<sup>th</sup> June, 2019

**SEED MONEY SCHEME : 2019-20**

Consequent upon the decision taken by the competent authority on the recommendation of the advisory committee to Dean (FA&SR), allotment of R&D project proposal and financial support under the Institute Seed Money Scheme-2019 for the F.Y 2019-2020 is being accorded to the following faculty members with details as under:

Sl No.	Name of PI & Department	Title of the Project	Minor Equipment (in Rs)	Consumables in Rs.	Travel in Rs.	Contin-gency in Rs.	Others in Rs.	Total Cost in Rs.	Approved Amount in Rs.
1.	Dr. Smriti Mishra (PI), and Ms. Anila S Surin (Co-PI), Dept. of Architecture, BIT Mesra	Developing a toolkit for assessing housing needs for scheduled tribes in urban areas	55,000	0.0	50,000	25,000	70,000	2,00,000	2,00,000
2.	Dr. Vinod Kumar Nigam, Dept. of Bio-Engineering, BIT Mesra	Biotransformation of Nitrile-amides commercially important acids by amidase	50,000	65,000	10,000	75,000	0.0	2,00,000	2,00,000
3.	Dr. Shubha Rani Sharma, Dept. of Bio-Engineering, BIT Mesra	Bioprospecting thermophilic cellulolytic bacteria from hot spring of Jharkhand	80,000	50,000	10,000	60,000		2,00,000	2,00,000
4.	Dr. Dinesh Prasad Dept. of Bio-Engineering, BIT Mesra	Genetic transformation of trichosanthus diocarb. An important vegetable crop to achieve a seedless variety	20,000	1,50,000	20,000	10,000		2,00,000	2,00,000
5.	Dr. Chandan Kumar Das Dept. of Chemical Engineering, BIT Mesra	Study of phase behavior of confined system	1,60,000*	10,000	60,000	00	0.0	2,30,000	70,000
6.	Dr. Abhinav Tandon Dept. of Mathematics, BIT Mesra	Nonlinear Mathematical models and their analysis to study the ecological effects of environmental degrading development activities	0.0	10,000	40,000	10,000	0.0	60,000	60,000
7.	Dr. Prabjot Kaur Dept. of Mathematics, BIT Mesra	A neuro, fuzzy inference system and decision support system to vendor selection problem	60,000	60,000	40,000	30,000	10,000	2,00,000	2,00,000

Evidence  
SL No.

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21/6/19



8.	Dr. Syeda Darakhshan Jabeen, Dept. of Mathematics, BIT Mesra	Modeling constrained optimization problems and application	30,000	10,000	70,000	55,000	35,000	2,00,000	2,00,000
9.	Dr. Shamama Anwar, Dept. of Computer Science & Engineering, BIT Mesra	Development of algorithms for accurate diagnosis and prediction of critical diseases using custom radiomic features	1,00,000	10,000	50,000	30,000	10,000	2,00,000	2,00,000
10.	Dr. Akriti Nigam Dept. of Computer Science & Engineering, BIT Mesra	Tracking multiple moving object through motion patterns	80,000	10,000	60,000	40,000	10,000	2,00,000	2,00,000
11.	Dr. Sanchita Paul Dept. of Computer Science & Engineering, BIT Mesra	Smart depression diagnosis system	1,60,000*	20,000	10,000	10,000	50,000	2,50,000	2,00,000
12.	Dr. Kishore Kumar Senapati, Dept. of Computer Science & Engineering, BIT Mesra	Reading behavior analysis through image processing	1,50,000	20,000	70,000	10,000		2,50,000	2,00,000
13.	Dr. Gyan Kumar Agarwal Dept. of Chemistry, BIT Mesra	Study of the influence of kinetic parameters on plant-mediated green synthesis of silver nanoparticles from brassica oleracea (cabbage)	70,000	50,000	50,000	20,000	10,000	2,00,000	2,00,000

\* Computer Workstation not admissible under SEED MONEY SCHEME, MATLAB not permissible, software approved.

By order of the Vice Chancellor,

  
Registrar

Copy to:

- (i) Chairman & Members of Advisory Committee
- (ii) Concerned Head of the Department
- (iii) All concerned faculty members
- (iv) Deputy Comptroller/Dy. Finance Officer/Dy. Registrars
- (v) Assistant Registrar (GO)
- (vi) PS to Vice Chancellor
- (vii) File