



## ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

Near Village Bhat, Via Ahmedabad Airport & Indira Bridge, P.O. Bhat - 382 428, Dist. : Gandhinagar,  
Gujarat, India.  
Tel. : +91-79-23969153, 23969158, 23969159, 23969161  
E-mail : [info@edilindia.org](mailto:info@edilindia.org)  
Telefax : +91-79-23969164  
Website : [www.edilindia.org](http://www.edilindia.org)

**S. B. Sareen**  
Sr. Faculty & Project Director: DST-NIMAT

EDII/DST-NIMAT/19-20/191  
Date: 12/08/2019

**SPEED POST**

**Dr. Punith Cariappa**  
Dean  
Dayananda Sagar University  
Shavige Malleshwara Hills  
Kumaraswamy Layout  
**Bangalore - 560 078**  
Karnataka

Kind Attention: Dr. N. Anitha, Associate Professor

Dear Sir,

**Sub: DST-NIMAT Project 2019-20: Sanction Order**

Greetings from Entrepreneurship Development Institute of India, Ahmedabad!

This is with reference to your proposal submitted for conducting activities / programme(s) under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Government of India, New Delhi.

We are happy to inform you that the following activities / programmes have been sanctioned:

Sr. No.	Activity / Programme	No.	Amount in Rs.	Locations
1	Entrepreneurship Awareness Camp (EAC)	2	40000	As mentioned in proposal
2	Faculty Development Programme (FDP)	1	250000	1) Board Room
Total		3	290000	

You are requested to please go through the enclosed Guidelines / Terms & Conditions as it is mandatory to follow the same.

Please note that the first installment is to be released on receipt of the following documents:

1. Duly Signed Agreement
2. Duly Signed "Terms & Conditions" (each Page)
3. Action Plan [Annexure-I]
4. Bank Details [Annexure-IA]



Dr. Harish Sharma  
In-Charge- TCB Division  
☎ 26742831  
E-mail: [harishsharma.icssr@gmail.com](mailto:harishsharma.icssr@gmail.com)

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi - 110067  
EPABX: 26741849-51 Fax: 91-11-26741936  
E-mail: [info@icssr.org](mailto:info@icssr.org) Website: [www.icssr.org](http://www.icssr.org)

F. No. 5-31/RMC/SC/2018-19/TCB

Dated: 20.11.2018

The Registrar  
Dayananda Sagar University  
Bengaluru- 560078  
Karnataka

### Sanction Order

**Subject: Sanction of ICSSR for organising Ten Days Research Methodology Course for M. Phil/Ph.D./PDF scholars in Social Sciences from 23<sup>rd</sup> January to 1<sup>st</sup> February 2019 to Dr. N. Anitha, (Course Director), and Dr. Roohi Kursheed Khan S (Co-Course Director), School of Commerce and Management, Dayananda Sagar University, Bengaluru- 560078.**

Sir,

We are happy to convey that the ICSSR, New Delhi has approved the proposal received from Dr. N. Anitha, (Course Director), and Dr. Roohi Kursheed Khan S (Co-Course Director), School of Commerce and Management, Dayananda Sagar University, Bengaluru- 560078, for organizing above mentioned programme and sanctioned an amount of Rs. 5,50,000/- (Rupees Five Lakhs Fifty Thousand only) for this programme.

1. The sanctioned Grant-in-Aid of ₹ 5,50,000/- will be released in two instalments:

- |  |              |
|--|--------------|
| a. 1 <sup>st</sup> instalment:         | ₹ 4,00,000/- |
| b. 2 <sup>nd</sup> & final instalment: | ₹ 1,50,000/- |

<b>Grand Total</b>	<b>₹ 5,50,000/-</b>
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The 1<sup>st</sup> instalment of ₹ 4,00,000/- will be released on the receipt of an advance **Grant-in-Aid bill** (copy enclosed) duly signed and stamped by the Competent Authority.

2. The 2<sup>nd</sup> & final instalment will be released after the receipt of the following:


- Final programme report including observations/recommendations by the Resource Persons.
- Course outlines.
- One set of study material.
- Summary of evaluation by the participants.
- An audited Statement of Accounts and Utilization Certificate in **GFR 12-A**

3. The Course Director of the Programme will be Dr. N. Anitha, She will be responsible for successful conduction of the programme.

4. **The Course Director is required to strictly follow the terms and conditions including the budget allocation as clearly mentioned in the ICSSR TCB guidelines which are available at the ICSSR website [www.icssr.org](http://www.icssr.org) (copy of budget enclosed)**

5. The institution may re-appropriate expenditure form one sanctioned sub-head to another subject to a maximum of 10 percent. All such re-appropriations should be reported to the ICSSR. Proposals for appropriations, which exceed 10 per cent of the amount sanctioned for any item shall require the prior approval of the ICSSR.

6. The amount of grant sanctioned herein is to be utilized by stipulated period. Any amount of the grant remaining unspent during this period shall be refunded to the ICSSR immediately after completion of the programme along with the simple statement of expenditure. If the Grantee fails to utilize the grant, it will be refunded to the ICSSR with interest thereon @ 10% p.a. from the date of its sanction.

  
(Harish Sharma)  
For Member-Secretary

**Copy to:**

1. ✓ Dr. N Anita (Course Director)  
Associate Professor  
School of Commerce and Management  
Dayananda Sagar University  
Bengaluru- 560078  
Karnataka

2. Dr. Roohi Kursheed Khan S (Co- Course Director)  
Assistant Professor  
School of Commerce and Management  
Dayananda Sagar University  
Bengaluru- 560078  
Karnataka

3. FA & CAO, ICSSR, New Delhi. The expenditure is debitable to the Budget Head: D-001, Training on Research Methodology (Plan-SC).



Ref: No. AIC-DSU/RC/2017-18/AS01

Date: 16-10-2017

To,  
K Sudha Deepthi  
Mechanical Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

K Sudha Deepthi

Pursuant to the approval of the selection committee, **Ms. K Sudha Deepthi** research fellowship in Mechanical Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2018-19/AS01

Date: 01-10-2018

To,  
Devika Rani H S  
Electronics and Communication Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Devika Rani H S

Pursuant to the approval of the selection committee, **Ms. Devika Rani H S** research fellowship in Electronics and Communications Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2018-19/AS02

Date: 01-10-2018

To,  
Divyashree H.B.  
Electronics and Communication Engineering  
Dayananda Sagar University

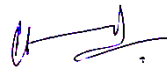

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Divyashree H.B.

Pursuant to the approval of the selection committee, **Ms. Divyashree H.B.** research fellowship in Electronics and Communications Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2018-19/AS03

Date: 01-10-2018

To,  
Mukti Chaturvedi  
Electronics and Communication Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Mukti Chaturvedi

Pursuant to the approval of the selection committee, **Ms. Mukti Chaturvedi**, research fellowship in Electronics and Communications Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2018-19/AS04

Date: 01-10-2018

To,  
Navya R  
Electronics and Communication Engineering  
Dayananda Sagar University

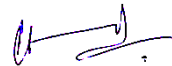
**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

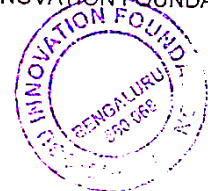
Navya R

Pursuant to the approval of the selection committee, **Ms. Navya R** research fellowship in Electronics and Communications Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,



AIC-DSU INNOVATION FOUNDATION



Ref: No. AIC-DSU/RC/2018-19/AS05

Date: 01-10-2018

To,  
Shashi Kant Kumar  
Mechanical Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Shashi Kant Kumar

Pursuant to the approval of the selection committee, **Mr. Shashi Kant Kumar** research fellowship in Mechanical Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2018-19/AS06

Date: 01-10-2018

To,  
Anita A  
College of Pharmaceutical Sciences  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Anita A

Pursuant to the approval of the selection committee, **Ms. Anita A** research fellowship in Pharmaceutical Sciences has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2018-19/AS07

Date: 01-10-2018

To,  
Naveen Kumar S  
Computer Science and Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Naveen Kumar S

Pursuant to the approval of the selection committee, **Ms. Naveen Kumar S** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

AIC-DSU INNOVATION FOUNDATION



Ref: No. AIC-DSU/RC/2019-20/AS01

Date: 07-10-2019

To,  
Gaurav Kuamar  
Computer Science and Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Gaurav Kuamar

Pursuant to the approval of the selection committee, **Mr. Gaurav Kumar** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS02

Date: 07-10-2019

To,  
Kokila S  
Electronics and Communication Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Kokila S

Pursuant to the approval of the selection committee, **Ms. Kokila S** research fellowship in Electronics and Communication Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS03

Date: 07-10-2019

To,  
Krishna Sowjanya K  
Computer Science and Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Krishna Sowjanya K

Pursuant to the approval of the selection committee, **Mr. Krishna Sowjanya K** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

AIC-DSU INNOVATION FOUNDATION



Ref: No. AIC-DSU/RC/2019-20/AS04

Date: 07-10-2019

To,  
Lavanya B Koppal  
Computer Science and Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Lavanya B Koppal

Pursuant to the approval of the selection committee, **Ms. Lavanya B Koppal** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS05

Date: 07-10-2019

To,  
Manasa K R  
Electronics and Communication Engineering  
Dayananda Sagar University

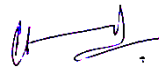
**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Manasa K R

Pursuant to the approval of the selection committee, **Ms. Manasa K R** research fellowship in Electronics and Communication Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS06

Date: 07-10-2019

To,  
Manasa S  
Computer Science and Engineering  
Dayananda Sagar University

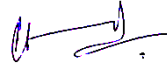

**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Manasa S

Pursuant to the approval of the selection committee, **Ms. Manasa S** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS07

Date: 07-10-2019

To,  
Nandini K  
Computer Science and Engineering  
Dayananda Sagar University

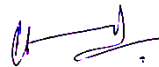
**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Nandini K

Pursuant to the approval of the selection committee, **Ms. Nandini K** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS08

Date: 07-10-2019

To,  
Navyashree G A  
Electronics and Communication Engineering  
Dayananda Sagar University

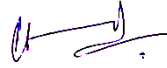
**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Navyashree G A

Pursuant to the approval of the selection committee, **Mr. Navyashree G A** research fellowship in Electronics and Communication Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS09

Date: 07-10-2019

To,  
Ramandeep Kaur  
Computer Science and Technology  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Ramandeep Kaur

Pursuant to the approval of the selection committee, **Mr. Ramandeep Kaur** research fellowship in Computer Science and Technology has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS010

Date: 07-10-2019

To,  
Ranjini K  
Computer Science and Engineering  
Dayananda Sagar University

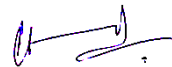
**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Ranjini K

Pursuant to the approval of the selection committee, **Ms. Ranjini K** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,



AIC-DSU INNOVATION FOUNDATION



Ref: No. AIC-DSU/RC/2019-20/AS010

Date: 07-10-2019

To,  
Sapna K Dongre  
Computer Science and Engineering  
Dayananda Sagar University

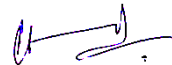
**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Sapna K Dongre

Pursuant to the approval of the selection committee, **Ms. Sapna K Dongre** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,



AIC-DSU INNOVATION FOUNDATION



Ref: No. AIC-DSU/RC/2019-20/AS012

Date: 07-10-2019

To,  
Sharvari J N  
Computer Science and Engineering  
Dayananda Sagar University



**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Sharvari J N

Pursuant to the approval of the selection committee, **Ms. Sharvari J N** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS013

Date: 07-10-2019

To,  
Shwetha G S  
Computer Science and Engineering  
Dayananda Sagar University

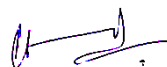
**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Shwetha G S

Pursuant to the approval of the selection committee, **Ms. Shwetha G S** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS014

Date: 07-10-2019

To,  
Suha Aimen  
Computer Science and Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Suha Aimen

Pursuant to the approval of the selection committee, **Ms. Suha Aimen** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS015

Date: 07-10-2019

To,  
Vaishnavi Naik  
Computer Science and Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Vaishnavi Naik

Pursuant to the approval of the selection committee, **Ms. Vaishnavi Naik** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2019-20/AS016

Date: 07-10-2019

To,  
Rashmi R  
Computer Science and Engineering  
Dayananda Sagar University

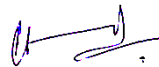
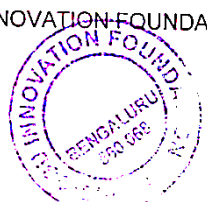
**Sub: Approval & Sanction of fellowship for Advanced  
Studies**

Dear,

Rashmi R

Pursuant to the approval of the selection committee, **Ms. Rashmi R** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS 01

Date: 04-10-2021

To,  
Abhinav Karan  
Electronics and Communication Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Abhinav Karan

Pursuant to the approval of the selection committee, **Mr. Abhinav Karan** research fellowship in Electronics and Communication Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS02

Dates: 04-10-2021

To,  
M R. Sai Praveen  
School of Commerce and Management Studies  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

M R. Sai Praveen

Pursuant to the approval of the selection committee, **Mr. M R. Sai Praveen** research fellowship in Commerce has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

AIC-DSU INNOVATION FOUNDATION



Ref: No. AIC-DSU/RC/2021-22/AS03

Date: 04-10-2021

To,  
Sharanabasavaraj  
Electronics and Communication Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Sharanabasavaraj

Pursuant to the approval of the selection committee, **Mr. Sharanabasavaraj** research fellowship in Electronics and Communication Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS04

Date: 04-10-2021

To,  
Shivamma D  
Computer Science and Engineering  
Dayananda Sagar University

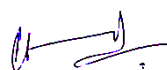

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Shivamma D

Pursuant to the approval of the selection committee, **Ms. Shivamma D** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval..

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS05

Date: 04-10-2021

To,  
Akshayraj N  
Computer Science and Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Akshayraj N

Pursuant to the approval of the selection committee, **Mr. Akshayraj N** research fellowship in Computer Science and Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS06

Date: 04-10-2021

To,  
Alok Chakravarty  
School of Commerce and Management Studies  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Alok Chakravarty

Pursuant to the approval of the selection committee, **Mr. Alok Chakravarty** research fellowship in Commerce has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS07

Date: 04-10-2021

To,  
K. Sanjay  
School of Commerce  
Dayananda Sagar University



**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

K. Sanjay

Pursuant to the approval of the selection committee, **Mr. K. Sanjay** research fellowship in Commerce has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS08

Date: 04-10-2021

To,  
Kartik S Tandel  
Aerospace Engineering  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Kartik S Tandel

Pursuant to the approval of the selection committee, **Mr. Kartik S Tandel** research fellowship in Aerospace Engineering has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS09

Date: 04-10-2021

To,  
S. Ramesh Murthy  
School of Commerce and Management Studies  
Dayananda Sagar University

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

S. Ramesh Murthy

Pursuant to the approval of the selection committee, **Mr. S. Ramesh Murthy** research fellowship in Commerce has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Ref: No. AIC-DSU/RC/2021-22/AS010

Date: 04-10-2021

To,  
Seema S Rathore  
School of Commerce and Management Studies  
Dayananda Sagar University

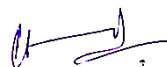

**Sub: Approval & Sanction of fellowship for Advanced Studies**

Dear,

Seema S Rathore

Pursuant to the approval of the selection committee, **Ms. Seema S Rathore** research fellowship in Commerce has been provided to pursue independent research activities and also expected to contribute significantly by focusing on high quality research output. They are also encouraged to participate in the conference and workshop to disseminate the research output. The awardee also needs to submit the interim report on yearly basis. The fellowship is purely on temporary basis adhering to the above and is subjected to the condition. The awardee has to abide to the rules and regulations of the AIC-DSU. The award is effective for three years from date of approval.

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 04-02-2022

To,  
Suryanarayana G K  
Department of Aerospace Engineering  
School of Engineering  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development of "AN EFFICIENT HEAT TRANSFER DEVICE" developed by Suryanarayana G K, Department of Aerospace Engineering, School of Engineering, Dayananda Sagar University.

Terms & Conditions

1. Date of Support: 04/02/2022
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 05-01-2022

To,  
Dr. V Murgan  
College of Pharmaceutical Sciences,  
School of Health Sciences,  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development on "Air Condition Auto regulating Jacket for Transdermal Drug Delivery System through Cold Diffusion Technique" developed by Dr. Rakesh Das and Dr. V Murgan College of Pharmaceutical Sciences, School of Health Sciences, Dayananda Sagar University.

Terms & Conditions

1. Date of Support: 05/01/2022
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 24-12-2021

To,  
Dr. Vaibhav Meshram  
Department of Electronics and Communication Engineering  
School of Engineering  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development of "Ultra Wideband Tightly Coupled Array Antenna Optimization with Resistive FSS to Improve Antenna Bandwidth" developed by Dr. Vaibhav Meshram and Nishanth Rao, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University

Terms & Conditions

1. Date of Support: 24-12-2021
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 24-12-2021

To,  
Dr. Geetha K M  
College of Pharmaceutical Sciences,  
School of Health Sciences,  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development on "Neuroprotective Potential of Nano Emulsion Containing Cod Liver Oil" developed by Dr. Geetha K M, Malathi S V, Dr. Wilson B, College of Pharmaceutical Sciences, School of Health Sciences, Dayananda Sagar University.

Terms & Conditions

1. Date of Support: 24-12-2021
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 08-11-2021

To,  
Dr. Shaila S G  
Department of Computer Science Engineering  
School of Engineering  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development on "CLASSIFIER DEVICE, SYSTEM, AND METHOD" developed Rajesh T M, Praveen Kulkarni, Shaila S G Department of Computer Science Engineering, School of Engineering, Dayananda Sagar University

Terms & Conditions

1. Date of Support: 08-11-2021
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 08-11-2021

To,  
Prakruti P Acharya  
School of Basic and Applied Sciences  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development on "METHOD OF FABRICATING A PROTEIN-POLYSACCHARIDE SCAFFOLD" developed by Prakruti P Acharya, Sunil S More and V Krishnamurthy, School of Basic and Applied Sciences, Dayananda Sagar University

Terms & Conditions

1. Date of Support: 08-11-2021
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  




MGM UNIVERSITY, AURANGABAD

एमजीएम विद्यापीठ, औरंगाबाद

(Establishment under Govt. of Maharashtra Act No. XXVI of 2019)

**International Conference on  
Applications of Machine Intelligence and Data Analytics (ICAMIDA 2022)**

**Certificate**

**Best Paper Award**

This is to certify that

**DR. GIRISHA G S**

(Dayananda Sagar University)

has Presented a paper titled

"A Novel framework for Grading of Heart Attack"

during 22-24 December 21

**Prof. Dr. Vilas Sapkal**

Vice Chancellor, MGM University

**Dr. Ashish Gadekar**

Registrar, MGM University

**Prof. Dr. Sharvari Tamane**

Program Chair, ICAMIDA 2022



An IBMR - ATMA initiative

**International Conference on  
COVID - 19 Paradigm Shift in  
Business**

**ICCPSB-2022**

**Best Paper Award  
Dr. Suresh Ranganathan**

**Determinants of Customer's  
Perceived Value: During pandemic and  
pre-pandemic periods in Organized  
Retail Space**

**19th February, 2022  
Virtual Conference**



# Certificate

## OF APPRECIATION

Certificate No. FRBEE/BP/03

This is to certify that Dr. Suresh Ranganathan  
of School of Commerce and Management Studies, Dayananda Sagar University, Bengaluru  
presented a research paper titled:  
SOCIAL-MEDIA ENABLED DIRECT-TO-CONSUMER SALES OF ARECA-NUT SAPLINGS: CASE STUDY  
is awarded as First/Second/Third Best Paper of the International Research Conference  
2022 on **'Fostering Resilient Business Ecosystems and Economic Growth: Towards  
the Next Normal'** organized by Dr. D. Y. Patil B-School, India in collaboration  
with Dr. Soetomo University, Indonesia and Association of Indian Management  
Schools, India in virtual mode on **April 27, 2022 to April 29, 2022.**



**Dr. Atul Kumar**

Professor,

Dr. D. Y. Patil B-School,  
Pune, India

Conference Convener



**Prof. (Dr.) Nur Sayidah**

Vice Chancellor,

University of Dr. Soetomo,  
Surabaya, Indonesia



**Dr. Amol Gawande**

Director,

Dr. D. Y. Patil B-School,  
Pune, India

Conference Chairman

Organisers



Platinum Partner



SMART INDIA HACKATHON 2020

SOFTWARE EDITION

Grand Finale

1<sup>st</sup> , 2<sup>nd</sup> & 3<sup>rd</sup> Aug. 2020

# Certificate For MENTOR

This Certificate is awarded to

Roopashree S Roopashree S

of team EnigmaD

For Participating as Mentor in

"Smart India Hackathon 2020"

**Dr. Anil D. Sahasrabudhe**  
Chairman, AICTE  
Chairman, Organizing Committee,  
Smart India Hackathon 2020

**Dr. Abhay Jere**  
CIO, MIC, MHRD  
Organizing Committee,  
Smart India Hackathon 2020

**Dr. Anand Deshpande**  
Chairman and MD, Persistent Systems  
Co-Chairman, Organizing Committee,  
Smart India Hackathon 2020

**Sh. Amit Khare**  
Secretary, Higher Education  
Ministry of Education  
Government of India



Certificate Uniqid: 9796570

Partners



DEVNET



KPIT

Communication Partner



Media Partner



Transaction details as follows:

Account Number : 9222500100662901

Transaction Date : 11-12-2020

Deposit Amount : 1,00,000.00

Particulars : NEFT-DOA HIGHER EDUCATION

PANAJ/SBIN220346985760



*[Handwritten Signature]* 28/12/20

Chairman / HOD  
Computer Science Engg. Dept  
Jayananda Sagar University  
School of Engineering  
Kudu Gate, Hoosur Main Road  
BANGALORE - 560 01

FILE NO. EMR/2016/001981

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110070

Dated: 16-Feb-2017

ORDER

Subject: Financial Sanction of the research project titled "Investigations on intestinal neuropeptides as anticarcinogenic agents on mitochondrial function for the maintenance of colon epithelial tract in ulcerative colitis," under the guidance of Dr. Arpan Kumar Maiti, Biotechnology - School of Basic & Applied Sciences, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore, KARNATAKA-560078 and by Dr. Gautham Santhekadur Annappa, Assistant Professor, Microbiology, Dayananda Sagar University and by Dr. Sunil S More, Associate Professor, Biochemistry, Dayananda Sagar University - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3914158/- (Rs. Thirty Nine Lakh Fourteen Thousand One Hundred and Fifty Eight Only) with break-up of Rs. 1489158/- under Capital (Non-recurring) head and Rs. 2425000/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 3914158/- has been approved are given below: The following budget may be considered for Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> UV- Visible-Fluorescence spectrophotometer -> Cooling Refrigerated Centrifuge -> Western Blot -> Carbon dioxide incubator -> Electrophoresis	1489158
A'	Total (Non-Recurring)	1489158
B	Recurring Items	
1	Recurring - A: (Manpower, Consumables, Travel, Contingencies)	2070000
2	Recurring - B: (Overhead Charges)	355000
B'	Total (Recurring)	2425000
C	Total cost of the project (A + B')	3914158

- Sanction of the SERB is also accorded to the payment of
  - Rs. 1489158/- (Rupees Fourteen Lakh Eighty Nine Thousand One Hundred and Fifty Eight only) under 'Grants for creation of capital assets' and Rs. 100842/- (Rupees One Lakh Eight Hundred and Forty Two only) under 'Grants-in-aid General' to REGISTRAR, DAYANANDA SAGAR UNIVERSITY, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore  
being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)  
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Health Sciences)
- The Sanction has been issued to Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore with the approval of the competent authority under delegated powers on 10 February, 2017 and vide Diary No. SERB/F/8305/2016-17 dated 16 February, 2017
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- As per rule 211 of CFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the

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

10. The release amount of Rs. 1590000/- (Rupees Fifteen Lakh Ninety Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	M/S DAYANANDA SAGAR UNIVERSITY RESEARCH
Account Number	141101011005212
Bank Name & Branch	VIJAYA BANK Vijaya Bank, Dayananda Sagar Engineering College Branch, Kumaraswamy Layout, Bangalore 560078, Karnatak, India
IFSC/RTGS Code	VJJB0001411
Email id of A/C Holder	cfo@dsu.edu.in
Email id of PI	arphan.maiti@dsu.edu.in

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

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

13. The project File no. EMR/2015/001981 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

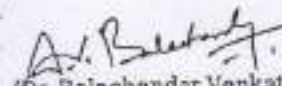
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

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

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

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

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

  
(Dr. Balachandar Venkatesan)  
Scientist E  
ms\_hs@serbonline.in

To,  
Finance & Budget Officer  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Arpan Kumar Maiti Biotechnology - School of Basic & Applied Sciences Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore, KARNATAKA-560078 Email: arphan.maiti@dsu.edu.in Mobile: 918861491925  Dr. Gautham Santhekadur Annappa Microbiology Dayananda Sagar University  Dr. Sunil S More Biochemistry Dayananda Sagar University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & conditions etc. Please visit www.serb.gov.in.)

FILE NO. EMR/2016/101226  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
 (a statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor  
 Vasanti Square Mall  
 Plot No. A, Community Centre  
 Sector-B, Pocket-5, Vasanti Kunj  
 New Delhi-110070

Dated: 20-Feb-2017

**ORDER**

Subject: Financial Sanction of the research project titled 'Crystal Engineering of Nutraceuticals as New Chemical entities' under the guidance of Dr. Anand Solomon, chemistry, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore, KARNATAKA-560078 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3098480/- (Rs. Thirty Lakh Ninety Eight Thousand Four Hundred and Eighty Only) with break-up of Rs. 1100000/- under Capital (Non-recurring) head and Rs. 1998480/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 3098480/- has been approved are given below:

The following budget may be considered for Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Fourier Transform Infrared Spectrophotometer	1100000
<b>A'</b>	<b>Total (Non-Recurring)</b>	1100000
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies)	1756800
2	Recurring - B : (Overhead Charges)	241680
<b>B'</b>	<b>Total (Recurring)</b>	1998480
<b>C</b>	<b>Total cost of the project (A + B')</b>	3098480

- Sanction of the SERB is also accorded to the payment of Rs. 1100000/- (Rupees Eleven Lakh only) under 'Grants for creation of capital assets' and Rs. 200000/- (Rupees Two Lakh only) under 'Grants-in-aid General' to VICE CHANCELLOR, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- The expenditure involved is debit to Fund for Science & Engineering Research (FSER). This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Organic Chemistry)
- The Sanction has been issued to Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore with the approval of the competent authority under delegated powers on 15 February, 2017 and vide Order No. SERB/7/8484/2016-17 dated 18 February, 2017.
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).
- Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 2(ii) of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
10. The release amount of Rs. 1300000/- (Rupees Thirteen Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	DAYANANDA SAGAR UNIVERSITY RESEARCH ACCOUNT
Account Number	141101011096212
Bank Name & Branch	VIJAYA BANK DSI CAMPUS BRANCH, SHAVIGE MALLESHWARA HILLS, 560078
IFSC/RTGS Code	VIJB0001411
Email id of A/C Holder	cfo@dsu.edu.in
Email id of PI	anands-chem@dsu.edu.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(U/Cs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project File no. EMR/2016/001224 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Monika Agarwal)  
Scientist E  
monika@serb.gov.in

To,  
Finance & Budget Officer  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, 11th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

FILE NO. ECR/2016/001526  
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)  
5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110070

Dated: 21-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled "Isolation of matricryptic peptides from marine industry waste involved in nanocrystal hydroxyapatite formation and fabrication of a peptide based osseointegrative implant coating" under the guidance of Dr. Pradipta Banerjee, Biochemistry, Dayananda Sagar Institutions, Dayananda Sagar College of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru, Bangalore urban district, Karnataka-560078 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3440710/- (Rs. Thirty Four Lakh Forty Thousand Seven Hundred and Ten Only) with break-up of Rs. 1581119/- under Capital (Non-recurring) head and Rs.1859391/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 3440710/- has been approved are given below:

The following budget may be considered for Dayananda Sagar Institutions, Dayananda Sagar College Of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Rotary vane pump -> MP Reader -> Freezer -> carbon dioxide incubator with cylinder (Other Cost: INR 20000 ) -> Olympus inverted trinocular microscope new model	1581119
A'	Total (Non-Recurring)	1581119
B	Recurring Items	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies)	1546800
2	Recurring - B : (Overhead Charges)	312791
B'	Total (Recurring)	1859391
C	Total cost of the project (A' + B')	3440710

- Sanction of the SERB is also accorded to the payment of
  - Rs. 1581119/- (Rupees Fifteen Lakh Eighty One Thousand One Hundred and Nineteen only) under 'Grants for creation of capital assets' and Rs. 150000/- (Rupees One Lakh Fifty Thousand only) under 'Grants-in-aid General' to Vice Chancellor, Dayananda Sagar Institutions, Dayananda Sagar College Of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- The expenditure involved is debitible to Fund for Science & Engineering Research (FSER) This release is being made under Early Career Research Award. (EC Life Sciences)
- The Sanction has been issued to Dayananda Sagar Institutions, Dayananda Sagar College Of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru with the approval of the competent authority under delegated powers on 18 March, 2017 and vide Diary No. SERB/F/9567/2015-17 dated 20 March, 2017
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).
- Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

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

10. The release amount of Rs. 1731119/- (Rupees Seventeen Lakh Thirty One Thousand One Hundred and Nineteen only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Dayananda Sagar University - Research
Account Number	141101011005212
Bank Name & Branch	Vijaya Bank DSI Campus, Kumaraswamy layout, Bangalore - 560078
IFSC/RTGS Code	VLJB0001411
Email id of A/C Holder	cfo@dsu.edu.in
Email id of PI	pradipta.banerjee@dsu.edu.in

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

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

13. The project File no. ECR/2016/001526 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

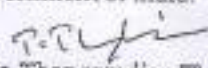
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

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

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

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

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

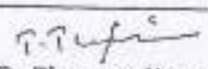
  
(Dr. Thangaradjou T)  
Scientist E

ttradjou@serb.gov.in

To,  
Finance & Budget Officer  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Pradipta Banerjee Biochemistry Dayananda Sagar Institutions, Dayananda Sagar College of Engineering, Shavige Mallechwara hills, Kumaraswamy layout, Bangalore urban district, Karnataka-560078 Email: pradipta.banerjee@dsu.edu.in Mobile: 919886429261 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Vice Chancellor, Dayananda Sagar Institutions, Dayananda Sagar College Of Engineering, Shavige Mallechwara Hills, Kumaraswamy Layout, Bengaluru  (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Thangaradjou T)

FILE NO. ECR/2017/000601  
**SCIENCE & ENGINEERING RESEARCH BOARD (SERB)**  
 (a statutory body of the Department of Science & Technology, government of India)

S & 5A, Lower Ground Floor  
 Vasant Square Mall  
 Plot No. A, Community Centre  
 Sector-B, Pocket-5, Vasant Kunj  
 New Delhi-110070

Dated: 23-Jun-2017

**ORDER**

Subject: Financial Sanction of the research project titled "Investigations on reduced graphene oxide in the aspect of its possible application for the development of a radiation sensor," under the guidance of Dr. Braishali Garai, Physics, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore, KARNATAKA-560078 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3598540/- (Rs. Thirty Five Lakh Ninety Eight Thousand Five Hundred and Forty Only) with break-up of Rs. 1515400/- under Capital (Non-recurring) head and Rs. 2083140/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3598540/- has been approved are given below:  
 The following budget may be considered for Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore

S.No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Modular wet cleaning bench -> Keithley source meter -> Power supply -> Laboratory Oven -> Keithley electrometer -> Chemical balance -> Spin coater -> UltraSonicator	1515400
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1515400</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies, Other Cost)	1756000
2	Recurring - B : (Overhead Charges)	327140
<b>B'</b>	<b>Total (Recurring)</b>	<b>2083140</b>
<b>C</b>	<b>Total cost of the project (A + B')</b>	<b>3598540</b>

- Sanction of the SERB is also accorded to the payment of
  - Rs. 1515400/- (Rupees Fifteen Lakh Fifteen Thousand Four Hundred only) under 'Grants for creation of capital assets' and Rs. 694380/- (Rupees Six Lakh Ninety Four Thousand Three Hundred and Eighty only) under 'Grants-in-aid General' to Vice Chancellor, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore
 being the first installment of the grant for the year 2017-2018 for implementation of the said research project
- The expenditure involved is debitible to Fund for Science & Engineering Research (FSER) This release is being made under Early Career Research Award. (EC Engineering Sciences)
- The Sanction has been issued to Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore with the approval of the competent authority under delegated powers on 16 June, 2017 and vide Diary No. SERB/F/1990/2017-18 dated 22 June, 2017
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

The Electronic Project Proposal Management System, For SERB

10. The release amount of Rs. 2208780/- (Rupees Twenty Two Lakh Nine Thousand Seven Hundred and Eighty only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Dayananda Sagar University Research Account
Account Number	141101011095212
Bank Name & Branch	VIJAYA BANK DSI CAMPUS BRANCH SHAVIGE MALLESHWARA HILLS KUMARASWAMY LAYOUT, BANGALORE-560078
IFSC/RTGS Code	VJJB0001411
Email id of A/C Holder	rfo@dsu.edu.in
Email id of PI	baishaliagarai@yahoo.com

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

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

13. The project File no. ECR/2017/000601 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

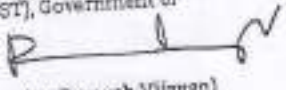
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

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

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

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

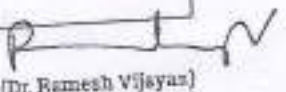
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

  
(Dr. Ramesh Vijayan)  
SCIENTIST-C  
drvramesh@serb.gov.in

To,  
Finance & Budget Officer  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.C.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110001
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	Dr. Baishali Garai Physics Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore, KARNATAKA-560078 Email: baishaliagarai@yahoo.com Mobile: 919663367927 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> )
5.	Vice Chancellor, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Ramesh Vijayan)  
SCIENTIST-C  
drvramesh@serb.gov.in

भारतीय अन्तरिक्ष अनुसंधान संगठन

अन्तरिक्ष विभाग

भारत सरकार

अन्तरिक्ष भवन

एच.वी.ई.एल. रोड, बेंगलूर - 560 231, भारत

दूरभाष : +91 80 2341 5474

फैक्स : Dr. M.A. Paul

Dy. Director, RESPOND



Indian Space Research Organisation

Department of Space

Government of India

Antariksh Bhavan

New BEL Road, Bangalore - 560 231, India

Telephone : +91 80 2341 5474

Fax: 080-23415269/22172269

FAX-080-23412471

email: ddrespond@isro.gov.in

ISRO/RES/3/768/17-18

January 16, 2018

Dear Dr. Baishali Garai

**Subject: RESPOND Project - "Design and development of a miniaturized low cost graphene based radiation detector for space applications" - reg.**

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a period of **Three Years** at a total outlay of **₹18.94 Lakhs (Rupees Eighteen Lakh and Ninety Four Thousand only)** towards meeting the expenditure of the project (budget details enclosed).
2. Release of grant of **₹7.42 Lakhs (Rupees Seven Lakh and Forty Two Thousand only)** towards meeting the First Year expenditure of the project.

The approval is subject to fulfillment of the following:

- (a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to Director, ISAC, Bengaluru (Attn: Shri Rathnakara, RESPOND Coordinator, ISAC, Bengaluru) and two copies to the undersigned.
- (b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project.

The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560231; Director, ISAC, Bengaluru (Attn: Shri Rathnakara, RESPOND Coordinator, ISAC, Bengaluru) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science with NET or equivalent qualification or Graduate Degree in Professional course with NET/GATE or equivalent qualification or PG Degree in Professional course as JRF. You may kindly intimate us and send the details of JRF after appointment.

**You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 231 with a copy to the undersigned for releasing the grants (to The Vice Chancellor, Dayananda Sagar University, Bangalore) at the earliest**

With Regards,

Yours sincerely,

एम ए पॉल  
(M A Paul)

Dr. Baishali Garai  
Asst. Professor  
Department of Physics  
Dayananda Sagar University  
Kudlu Gate  
Hosur Road  
Bangalore : 560 068  
Karnataka.

CC: Scientific Secretary, ISRO  
Director, ISAC, Bengaluru  
The Vice Chancellor, Dayananda Sagar University, Bangalore  
Dr. Radhakrishna V, Sci/Engr, Space Astronomy Group, ISAC, Bengaluru  
Shri Rathnakara, RESPOND Coordinator, ISAC, Bengaluru

FILE NO. ECR/2017/000743  
**SCIENCE & ENGINEERING RESEARCH BOARD (SERB)**  
 (a statutory body of the Department of Science & Technology, Government of India)

5 & 8A, Lower Ground Floor  
 Vasant Square Mall  
 Plot No. A, Community Centre  
 Sector-B, Pocket-5, Vasant Kunj  
 New Delhi-110070

Dated: 07-Jul-2017

**ORDER**

Subject: Financial Sanction of the research project titled "Functionalized meso/microporous nanostructured metal oxides sensor for screening dispersed heavy metal ions: One-shot disposable sensor strips" under the guidance of Dr. Ashoka Siddaramanna, Chemistry, Dayananda Sagar Institutions, Dayananda Sagar College of Engineering, Shavige Malleshwara Hills, Kumaraswamy layout, Bengaluru, Bangalore urban district, Karnataka-560078 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2645200/- (Rs. Twenty Six Lakh Forty Five Thousand Two Hundred Only) with break-up of Rs. 1200000/- under Capital (Non-recurring) head and Rs. 1445200/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2645200/- has been approved are given below:

The following budget may be considered for Dayananda Sagar Institutions, Dayananda Sagar College Of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru

S. No	Head	Total (in Rs.)
A	Non-recurring	1200000
1	Equipment -> Electrochemical work station	1200000
A*	Total (Non-Recurring)	
B	Recurring Items	1205200
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	
		240000
2	Recurring - B : (Overhead Charges)	1445200
B*	Total (Recurring)	2645200
C	Total cost of the project (A + B*)	

- Sanction of the SERB is also accorded to the payment of Rs. 1200000/- (Rupees Twelve Lakh only) under 'Grants for creation of capital assets' and Rs. 480000/- (Rupees Four Lakh Eighty Thousand only) under 'Grants-in-aid General' to VICE CHANCELLOR, Dayananda Sagar Institutions, Dayananda Sagar College Of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru being the first installment of the grant for the year 2017-2018 for implementation of the said research project.
- The expenditure involved is debit to Fund for Science & Engineering Research (FSER). This release is being made under Early Career Research Award. (EC Chemical Sciences)
- The Sanction has been issued to Dayananda Sagar Institutions, Dayananda Sagar College Of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru with the approval of the competent authority under delegated powers on 28 June, 2017 and vide Diary No. SERB/F/2304/2017-2018 dated 30 June, 2017
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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

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

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

10. The release amount of Rs. 1610000/- (Rupees sixteen Lakh Eighty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	DAYANANDA SAGAR UNIVERSITY RESEARCH ACCOUNT
Account Number	141101011005212
Bank Name & Branch	VIJAYA BANK SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078
IFSC/RTGS Code	VIJB0001411
Email id of A/C Holder	cfo@dsu.edu.in
Email id of PI	ashok-chem@dsu.edu.in

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

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

13. The project File no. ECR/2017/000743 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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

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

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

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

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

(Dr. S. V. Prasanna)  
Scientist  
prasanna@serb.gov.in

To,  
Finance & Budget Officer  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

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



# ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸಂಸ್ಥೆ

ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ತೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ  
ವಿಜ್ಞಾನ ಭವನ ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬಸವನಗುಡಿ 2ನೇ ತಂತ, ಬೆಂಗಳೂರು- 060 070  
ದೂರವಾಣಿ/ಫ್ಯಾಕ್ಸ್: 080-26711166 / 26711160 ಇ-ಮೇಲ್: ksteps.dst@gmail.com

ಡಾ. ಹೆಚ್. ಹೊನ್ನೇಗೌಡ  
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್‌ಟೆಪ್ಸ್

ನಂ. KSTePS/VGST/RGS/F/2017-18/GRD-743/104/2018-19

ದಿನಾಂಕ: 18.09.2018

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2017-18ನೇ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ RGS/F ಯೋಜನೆಯಡಿಯಲ್ಲಿ  
ಅನುದಾನ ಐಡುಗಡೆ ಮಾಡುವುದರ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1) ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ: ವಿಯುಇ 154 ವಿತ್ತಮ 2018(ಬಾಗ್-2), ದಿ: 18.08.2018

2) ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: No. KSTePS/VGST-RGS/F/GRD No.743/2017-18/157, Date: 27.08.2018

\*\*\*\*\*

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, 2017-18ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Fabrication of mesoporous metal oxide electrochemical sensor for on-site quantification toxic metal ions in contaminated water"ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Research Grant for Scientist/Faculties (RGS/T) ನ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿತ್ತು. ಅದರಂತೆ ಆದೇಶ ನೀಡಿರುವುದು ಸರಿಯಷ್ಟೆ.

ಈ ಸಂಬಂಧ, ವಿತಂದಾಸದ RGS/F ಯೋಜನೆಯಡಿ ಆಯ್ಕೆಯಾದ ತಮ್ಮ ಸಂಸ್ಥೆಗೆ ರೂ. 5.00 ಲಕ್ಷಗಳ ಅನುದಾನವನ್ನು ಐಡುಗಡೆ ಮಾಡಲು ದಿನಾಂಕ: 18.09.2018 ರಂದು Dayananda Sagar University Research Account ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್ (ಸಂ. 006023) ಐರೆದು, ಸದರಿ ಚೆಕ್‌ನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ಕಳುಹಿಸಿಕೊಡಲಾಗಿದೆ. ಮುಂದುವರಿದು, ಚೆಕ್ ಸ್ವೀಕರಿಸಿದ ನಂತರ ಸ್ವೀಕೃತಿ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್‌ಟೆಪ್ಸ್‌ಗೆ ಕಳುಹಿಸುವುದು ಹಾಗೂ ಸದರಿ ಅನುದಾನವನ್ನು ಯಾವುದಾದರೂ ರಾಷ್ಟ್ರೀಕೃತ ಬ್ಯಾಂಕ್‌ಗಳಲ್ಲಿ ಉಳಿತಾಯ ಖಾತೆಯಲ್ಲಿಟ್ಟು (Saving Bank Account) ಆಗತ್ಯಕರನುಗುಣವಾಗಿ ಅನುದಾನವನ್ನು ಖರ್ಚಿಸುವಂತೆ ಕೋರಲಾಗಿದೆ.

ಸದರಿ ಅನುದಾನವನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಖರ್ಚಿಸಿಕೊಳ್ಳುವುದು ಹಾಗೂ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ, 1999 (Karnataka Transparency in Public Procurements Act, 1999 - <http://finance.kar.nic.in/index.htm>) ಅನುಸಾರ ಹಾಗೂ ದಾರ್ಶನಿಕ ಸಮೂಹ ಅನುಮೋದಿಸಿರುವ ವಿವಿಧ ಶೀರ್ಷಿಕೆಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಯೋಜನೆಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.

ಮುಂದುವರಿದು, ಅಡುಗೆಯಾದ ಅಸುದಾನವನ್ನು ಬಳಸಿಕೊಂಡ ನಂತರ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ನೋಂದಾಯಿತ ಲೆಕ್ಕ ಪರಿಶೋಧಕರಿಂದ ಆಡಿಟ್ ಮಾಡಿಸಿ, ಈ ಪತ್ರವೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ನಮೂನೆಯಲ್ಲಿ (Format) ದೃಢೀಕರಿಸಿದ ಒಂದು ವೆಚ್ಚಗಳನ್ನೊಳಗೊಂಡ ಉಪಯೋಗತಾ ಪ್ರಮಾಣಪತ್ರವನ್ನು ದ್ವಿಪ್ರತಿಯಲ್ಲಿ ಕೆಸ್ಕೆಸ್ಸೆ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸಿಕೊಡುವುದು. ಸದರಿ ಯೋಜನೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕ ಪತ್ರಗಳನ್ನು ಸಂದರ್ಶಿಸುವುದು ಹಾಗೂ ಮಹಾಲೇಖಪಾಲಕರು ಮತ್ತು ಸರ್ಕಾರವು ತಪಾಸಣೆಗಾಗಿ ಕೋರಿದಲ್ಲಿ ತಪ್ಪದೇ ಒದಗಿಸುವುದು. ಈ ಯೋಜನೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರತ್ಯೇಕ ದಾಖಲೆ ಪುಸ್ತಕವನ್ನು ಸಹ ನಿರ್ವಹಿಸಬೇಕೆಂದು ಕೋರುತ್ತೇನೆ.

ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ಡಾ|| ಎಸ್. ಟಿ. ಶ್ರೀಕಂಠೇಶ್ವರ ಸ್ವಾಮಿ, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ಇವರನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು. ದೂರವಾಣಿ ಸಂಖ್ಯೆ ೦೮೦- 22032೦13  
ಇ-ಮೇಲ್: [visiongroup.st@gmail.com](mailto:visiongroup.st@gmail.com)

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,



ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

ಇವರಿಗೆ,

The Registrar  
Dayananda Sagar University  
6th Floor, Dental Block Shavige Malleshwara  
Hills Kumaraswamy Layout Bengaluru - 560 078

ಪ್ರತಿ: 1) Dr. Ashoka S., Dept. of Chemistry, School of Engineering, Dayananda Sagar University, 6th Floor, Dental Block, Shavige Malleshwara Hills, Kumaraswamy Layout Bengaluru - 560 078.

2) ಡಾ|| ಎಸ್. ಟಿ. ಶ್ರೀಕಂಠೇಶ್ವರ ಸ್ವಾಮಿ, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಪೆಂಗಳೂರು- ೫೬೦ ೦೦೧



Dr. H. Hanne Gowda  
Special Director (Technical),  
Dept. of IT, BT and S&T/  
Managing Director, KSTePS

(9)

No. KSTePS/VGST-KFIST (L1)/2017 / 267

Date: 21.11.2017

Dear Sir,

Sub.: Intimation of selection of the project under the VGST scheme of KFIST  
Level (1) – reg.

**Greetings from the Dept. of Information Technology, Biotechnology and  
Science & Technology!!**

We are pleased to inform you that the project titled "Immobilized microbial consortium for pesticide bioremediation in Ginger cultivated soils of Karnataka" submitted under the VGST scheme of KFIST Level (1) for the financial year 2016-'17 has been approved by the Government based on the recommendations of Vision Group on Science and Technology under the Chairmanship of Prof. CNR Rao, Honorary President, JNCASR.

The total project grant award for a period of 2 years is Rs. 20.00 lakhs, which will be released annually @ Rs. 10.00 lakhs based on the progress of work. Your requested to take an immediate action to initiate the project at the earliest and to be completed within 2 years after receiving the cheque of 1<sup>st</sup> installment from our office.

The grant will be paid to the Head of the Institution, under whose supervision the Principal Investigator shall be responsible for completion of the stated objectives of the project. The Principal Investigator through the Institution Head shall have to submit the progress report in soft copy (word & pdf) once in 6 months without any fail. The grants shall be used only for the purposes described in the grant-application by following due procedures of KTPP Act. Any deviation from the scheduled plan must have a prior approval from the VGST. A sample copy of the Utilization Certificate is enclosed for information and necessary action in the future.

Future releases of grants will be based on satisfactory project performance. The funding agency has the right to terminate the project, if it is found to be not

satisfactorily pursuing and fulfilling the stated project goals and objectives. Any unspent balance must be returned back to the funding agency within 60 days following the conclusion of the project. Any publications or other dissemination arising from research supported by VGST grants should be acknowledged.

Dr. S. G. Sreekanteswara Swamy, Consultant, VGST will be the nodal officer for all future correspondences related to the project. His contact details are given below:

Vision Group on Science and Technology  
Dept. of IT, BT and S&T, Karnataka Government Secretariat,  
Room No. 702, 7<sup>th</sup> Floor, 4<sup>th</sup> Gate,  
M.S. Building, Dr. Ambedkar Veedhi,  
Bangalore - 560001.

Phone : 080-2203 2013  
Email : [visiongroup.st@gmail.com](mailto:visiongroup.st@gmail.com)  
Website : [www.vgst.in](http://www.vgst.in)

I want to personally thank you for being selected as one of the VGST program members and we wish you and the Principal Investigator a great success in the implementation of the project.

Thanking you

Yours sincerely,

  
(H. Honne Gowda)

To,  
The Principal  
Dayananda Sagar College of Engineering  
Shavige Malleshwara Hills,  
Kumaraswamy Layout, Bengaluru, Karnataka 560078

BI- BODSV

CC:  
Dr. Shobha K Jayanna, Program Coordinator, Dept. of Microbiology, Dayananda Sagar College of Engineering, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru.



## Karnataka Science and Technology Promotion Society

Dept. of Information Technology, Bio Technology and Science & Technology, GoK  
"Vijnana Bhavan", 3<sup>rd</sup> Floor, #24/2, 21<sup>st</sup> Main Road, Banashankari 2<sup>nd</sup> Stage, Bangalore-70  
Ph/fax : 080-26711166, E-mail : ksteps.dst@gmail.com

Dr. H. Honne Gowda  
Special Director (Technical),  
Dept. of IT, BT and S&T/ Managing director, KSTePS

No. KSTePS/VGST-RGS/F/GRD No.736 /2017-18

Date: 27.08.2018

Dear Sir/Madam,

**Sub:** Intimation of selection of RGS/F Project under the VGST scheme -reg.

**Greetings from KSTePS, Dept. of Information Technology, Biotechnology and Science and Technology!!**

We are pleased to inform you that the RGS/F Engineering program titled "Design and Development of an IoT based "Profiling Aquatic Diffusion system" using Robotic Sensor networks" submitted under the VGST scheme for the Financial Year 2017-18 has been approved by the Government based on the recommendations of Vision Group on Science and Technology under the Chairmanship of Prof. CNR Rao, Honorary President, JNCASR. You may kindly initiate necessary action for organization of the program at the earliest.

Please provide the cheque in favour address of your Institution, for releasing the sanctioned grants.

I want to personally thank you for being selected as one of the VGST program members and we wish you a great success in organization of the program.

Thanking You,

Yours sincerely,

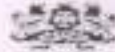


Managing Director

To,  
The Registrar  
Dayananda Sagar University  
Hosur Main Road, Kudlu Gate  
Hongasandra Village, Begur Hobli  
Bengaluru - 560 068

CC: 1. Dr. Pushpa Mala. S., Dept. of Electronics Engg. Dayananda Sagar University, Hosur Main Road Kudlu Gate, Hongasandra Village, Begur Hobli, Bengaluru - 560 068 - RGS/F Grantee.

2. Consultant, Vision Group on Science and Technology, KSTePS, Dept. of IT, BT and S&T Karnataka Government Secretariat, Room No. 702, 7th Floor, 4th Gate, M. S. Building Dr. Ambedkar Veedhi, Bangalore- 560 001.



GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology

Karnataka Government Secretariat, No.702, 7<sup>th</sup> Floor, 4<sup>th</sup> Stage, M. S. Building, Dr. Ambedkar Veedhi, Bangalore-560 001.

Phone: 080-2203 2013. E-mail: visiongroup.st@gmail.com Website: www.vgst.in

No /VGST/GRD-736 / 2017-18 / 2018-19/453

18-01-2019

To,

The Dean,  
Dayananda Sagar University, School of Engineering,  
Kudlu Gate, Hosur Main Road,  
Bangalore - 560 068.

Dear Sir,

Subject: Approval for the submission of PART -A for purchase the  
Equipment. - GRD - 736.

\*\*\*

With reference to the approval of GRD-736, Dayananda Sagar University, School of Engineering, Kudlu Gate, Hosur Main Road, Bangalore, under the scheme RGS/F proposed by Dr. Pushpa Mala S, Department of Electronics and Communication Engineering the project titled "Design and Development of an IoT "Profiling aquatic diffusion System" using robotic sensor networks" was released the grant of Rs 5.00 lakhs for the FY: 2017-18 (Cheque no:006014, Dt:18.09.2018).

As submitted the PART - A of GRD - 736 - by the Grantee Institution requesting for the purchase of Equipment from the grants. The details are as follows.

Non-Recurring Budget Estimate under Manual Tendering Process for the FY: 2017-18.

Sl NO	Submitted in PART -A under Non - Recurring (MTP) Budget Estimate by Grantee Institution	Amount (Rs)
1	Oxygen Sensors and DO Sensors	20,000.00
2	Carbon Dioxide Sensors	10,000.00
3	Thermal Images Detector and Sensor	60,000.00
4	Leak Dictator / Oil Spill Detector	56,000.00
5	Aquatic Temperature Sensor and Water level Indicator	8,000.00
6	Wireless Modules (Raspberry pi)	10,000.00
7	Display Panel	30,000.00
8	Server Machine	83,000.00
9	Robotic Fish Module	19,000.00
10	Cloud	33,000.00
	TOTAL	4,00,000.00

Recurring Budget Estimate for the FY: 2017-18.

SL. NO	Submitted in PART - A under Recurring Budget Estimate by Grantee Institution	AMOUNT (Rs)
1	Chemicals	60,000.00
2	Glass Ware	
3	Plastic Ware	
4	Biological Specimen	
5	Electrical And Electronic Spare Parts	7,500.00
6	Mechanical Spare Parts	7,500.00
7	Contingency	20,000.00
8	Books and Journal	5,000.00
	Total	1,00,000.00


The submitted Proposals and PART - A document details are as follows

Grant Amount	5,00,000.00
<b>TOTAL</b>	<b>5,00,000.00</b>
<b>(A) NON-RECURRING</b>	
E-tendering (ETP)	00.00
Manual -tendering s(MTP)	4,00,000.00
<b>TOTAL</b>	<b>4,00,000.00</b>
<b>(B) RECURRING</b>	
Consumables and Contingency	1,00,000.00
Total (A+B)	5,00,000.00
Approval as per (PART - A submitted by GI / PC)	5,00,000.00
<b>BALANCE AMOUNT</b>	<b>00.00</b>

In this view, as mentioned in the procurement document (PART-A), you may purchase the equipment through Manual Tendering. Please do not deviate the purchase procedure for the procurement of equipment. Please submit the PART-B and PART-C (download in VGST website) the VGST office after completion of the process. This is for your kind information.

With thanks and regards,

Yours sincerely,

  
(Dr.S.G.Sreekantheshwara Swamy)

Consultant

CC: Dr. Pushpa Mala S, Department of Electronics and Communication Engineering, Dayananda Sagar University - School of Engineering, Kudlu Gate, Hossur Main Road, Bangalore - 560 068.



Science and Engineering Research Board  
SERB

Dr. Sunanda Saha <sunanda-saha@dsu.edu>

## SERB-Notification

3 messages

SERB\_Administrator@serbonline.in <SERB\_Administrator@serbonline.in>  
To: "info@serbonline.in"@imsva02.cdacnoida.in

Mon, Oct 29, 2018 at 10:12 AM



**Science and Engineering Research Board**  
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)  
Department of Science and Technology, Government of India

FILE NO. ECR/2017/002049

### SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110070

Dated: 01-Oct-2018

#### ORDER

Subject: Financial Sanction of the research project titled "Mathematical modeling and simulation of blood flow in the Cardiovascular system" under the guidance of Dr. Sunanda Saha, Mathematics, Dayananda Sagar University, Hosur main Road, Kudlu gate, bangalore, Bangalore urban district, Karnataka-560068 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2218480/- (Rs. Twenty Two Lakh Eighteen Thousand Four Hundred and Eighty Only) with break-up of Rs. 500000/- under Capital (Non-recurring) head and Rs. 1718480/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2218480/- has been approved are given below:

The following budget may be considered for Dayananda Sagar University, Hosur Main Road, Kudlu Gate, Bangalore

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> GPU based HPC cluster	500000
A'	Total (Non-Recurring)	500000

their Bank details given below:

Account Name	Dayananda Sagar University Research Account
Account Number	441101011005212
Bank Name & Branch	Vijaya Bank DSI Campus Branch, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560078
IFSC/RTGS Code	VJIB0001411
Email id of A/C Holder	dsu@dsu.edu.in
Email id of PI	dayananda-math@dsu.edu.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project File no. ECR/2017/002049 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.



Government of Karnataka

## Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology  
4th Gate, 7th Floor, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru - 560 001  
Phone : 080-2203 2013, E-mail : visiongroup.st@gmail.com, Website : www.vgst.in

Dr.S.G.Sreekanteswara Swamy,Ph.D.,  
Consultant,VGST.

No /VGST/GRD -813/2018-19/2019-20/

Date-13-01-2020

To,  
The Registrar,  
Dayananda Sagar University,  
School of Engineering, Hosur Main Road,  
Kudlu gate, Bangalore - 560 068.

Dear Sir,

Subject: Approval for the submission of PART –A, for purchase the Equipment – GRD 813,

\*\*\*

With reference to the approval of GRD-813, Dayananda Sagar University, School of Engineering, Hosur Main Road, Kudlu gate, Bangalore under the scheme RGS/F Proposed by Dr. Sunanda Saha, Assistant Professor, Department of Mathematics, the project titled "**Mathematical modeling and simulation of solute dynamics in the vascular walls**" was released the grant of Rs. 5.00 lakhs for one-time grant in the FY: 2018-19 (UTR No: SBINR52019121200132754 Dt: 12.12.2019)

As submitted the PART – A of GRD-813, by the Grantee Institution requesting for the purchase of Equipment's for the One-time grant the details are as follows.

Non-Recurring items Estimated under E- Tendering Process for the FY: 2018-19.

Sl .NO	Submitted in PART –A under Non – Recurring (ETP) items Estimated by Grantee Institution	Unit Price	Total Unit	Amount . (Rs)
1	COMSOL Multiphysics, Single User License	2,00,000	1	2,00,00.00
2	HP Z2 Tower G4 Workstation	1,60,000	1	1,60,000.00
	<b>Total</b>			<b>3,60,000.00</b>

→ Dr. Sunanda Saha

Non-Recurring items Estimated under Manual- Tendering Process for the FY:2018-19.

SI .NO	Submitted in PART -A under Non - Recurring (MTP) Budget Estimate by Grantee Institution	Unit Price	Total Unit	Amount (Rs)
1	Monitor	20,000	2	40,000.00
	<b>Total</b>			<b>40,000.00</b>

Recurring Budget Estimate for the FY: 2018-19

SI.NO	Submitted in PART -A under Recurring items Estimated by Grantee Institution	Amount (Rs)
1	Contingency	20,000.00
2	Books & Journal	5,000.00
	<b>Total</b>	<b>25,000.00</b>

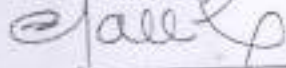
submitted PART - A document details are as follows.

Grant Amount	5,00,000.00
<b>TOTAL</b>	<b>5,00,000.00</b>
<b>NON -RECURRING</b>	
E-tendering (ETP)	3,60,000.00
M-T	40,000.00
<b>TOTAL</b>	<b>400,000.00</b>
<b>RECURRING</b>	
Consumables and Contingency	25,000.00
Approval as per (PART - A submitted by GI / PC)	<b>4,25,000.00</b>
<b>BALANCE AMOUNT NOT APPROVED</b>	<b>75,000.00</b>

In this view, as mentioned in the procurement document (PART-A), you may purchase the equipment's through E-Tendering and M-Tendering. Please do not deviate the purchase procedure for the procurement of equipment' Request you to submit the PART-B (Purchase Documents) to the VGST office after completion of the process, this is for your kind information.

With thanks and regards

Yours sincerely

  
(Dr.S.G. Sreekanth Swamy)

Consultant

CC: Dr. Sunanda Saha, Assistant Professor, Department of Mathematics, Dayananda Sagar University, School of Engineering, Hosur Main Road, Kudlu gate, Bangalore - 560 068.

Dayananda Sagar University  
School of Engineering

**Mathematical modelling and simulation of solute dynamics in the vascular wall.**

VGST Project :

PI Dr. Sunanda Saha

Project Cost Rs. 4,25,000 (Recurring : Rs.25,000; Non-Recurring (Capital): Rs. 4.0 Lakhs)

Project Duration 1 Year (13th Jan 2020 - 12th Jan 2021)

Sanctioned Amount			
	Recurring (received the amount from DSU account)	Non-Recurring	Total
	25,000	400000	425000

	Recurring (Heads)	Amount	Non-Recurring (Heads)	Amount
Demand draft for opening E-tendering		2,000	2 Monitors	40000
Encryption Key		4,500		
Books Purchase		1,060		
Xerox		440		
Total (bills attached)		8,000	Total	40000
Remaining Amount		17,000		360000

Total Balance Unspent Amount with DSU

452,000

10

FILE NO. CRG/2018/003474  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
 (A statutory body of the Department of Science & Technology, Government of India)

S & SA, Lower Ground Floor  
 Vasant Square Mall  
 Plot No. A, Community Centre  
 Sector-B, Pocket-5, Vasant Kunj  
 New Delhi-110070

Dated: 04-Jun-2019

**ORDER**

Subject: Financial Sanction of the research project titled "Separation of Biobutanol via Scalable Approach of Pervaporation: To be a "Viable Biofuel for Future" under the guidance of Dr. Santosh Choudhari, Department of Biological Sciences, Dayananda Sagar University, Shavige Malleshwara hills, Kumaraswamy layout, Bangalore, Bangalore urban district, Karnataka-560078 and by Dr. Netarej Sanna Kotrappenavat, Associate Professor, Centre For Nano And Material Sciences, Jain University - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 4096400/- (Rs. Forty Lakh Ninety Six Thousand Four Hundred Only) with break-up of Rs. 1700000/- under Capital (Non-recurring) head and Rs.2396400/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4096400/- has been approved are given below:

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> GRACE Circulating Water bath -> Vacuum Pump -> Liquid nitrogen can -> Vacuum Transducer -> Dial Thickness Gauge -> GC Instrument (Other Cost: INR 243322) -> Weighing Balance -> PV membrane unit	1700000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1700000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1164000 800000 60000
2	Recurring - IV : (Overhead Charges)	372400
<b>B'</b>	<b>Total (Recurring)</b>	<b>2396400</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>4096400</b>

2. Sanction of the SERB is also accorded to the payment of Rs. 1700000/- (Rupees Seventeen Lakh only) under 'Grants for creation of capital assets' and Rs. 875000/- (Rupees Eight Lakh Seventy Five Thousand only) under 'Grants-in-aid General' to Registrar, Dayananda Sagar University, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitible to Fund for Science & Engineering Research (FSER)  
 This release is being made under Core Research Grant. (PAC Chemical and Environmental Engineering)

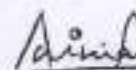
4. The Sanction has been issued to Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore with the approval of the competent authority under delegated powers on 31 May, 2019 and vide Diary No. SERB/F/1101/2019-2020 dated 04 June, 2019

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

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
10. The release amount of Rs. 2575000/- (Rupees Twenty Five Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Dayanand Sagar University Research
Account Number	41101011005212
Bank Name & Branch	Vijaya Bank DSI Campus Kumarawamy Layout Bangalore 560078
IFSC/RTGS Code	VJIB0001411
Email id of A/C Holder	cfo@dsu.edu.in
Email id of PI	drsantosh10@gmail.com

11. The institute will furnish to the SERB, separate Utilisation certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project File no. CRC/2018/003474 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.



(Dr. Anima Johari)  
Scientist C

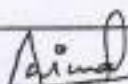
anima.johari@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

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

4.	<p>Dr. Santosh Choudhari Department of Biological Sciences Dayananda Sagar University , Shavige malleshwara hills, kumaraswamy layout, bangalore, Bangalore urban district, Karnataka-560078 Email: dsantosh10@gmail.com Mobile: 917829472513</p> <p>Dr. Nataraj SannaKotrappanavar Centre For Nano And Material Sciences Jain University (Start date of the project may be intimated by name to the undersigned, For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p>Registrar, Dayanand Sagar University, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Anima Johari)

Scientist C  
anima.johari@serb.gov.in

No.DS-2B-13012(2)/19/2019-Sec.II  
भारत सरकार/GOVERNMENT OF INDIA  
अंतरिक्ष विभाग/DEPARTMENT OF SPACE  
\*\*\*

Antariksh Bhavan,  
New BEL Road,  
Bengaluru - 560 094.

July 15, 2019

Vice Chancellor,  
Dayananda Sagar University,  
Kudlu gate,  
Hosur Main Road,  
Bengaluru - 560 068.

Sir,

Sub. Grant-in-aid - RESPOND- Release of grant for the new project entitled  
"Investigation of spectro-temporal variabilities of stellar mass Black Hole  
X-ray binaries using Astrosat" - reg.  
\*\*\*

I am directed to convey the sanction of the President to a grant of ₹7,74,000/- (Rupees Seven lakh seventy four thousand only) to meet the expenditure towards the new project entitled "Investigation of spectro-temporal variabilities of stellar mass Black Hole X-ray binaries using Astrosat" (total project cost is ₹20.82 lakh for a period of three years) by Dayananda Sagar University during first year of the project.

2. The amount of ₹7,74,000/- (Rupees Seven lakh seventy four thousand only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094 on receipt of the bill.

3. The grant-in-aid sanctioned shall be subject to the terms and conditions mentioned in the Annexure enclosed.

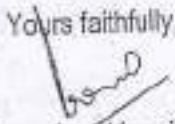
4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.

5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of support.

....2/-


6. The expenditure involved is debitable to the Head '3402.00.103.09.00.31- Space Research- Space Sciences-Respond- GIA-General' - under 'Grant No.91 - Department of Space' for the financial year 2019-2020.

Yours faithfully,

  
(पूर्णिमा मनोज/Poomima Manoj)  
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Director, CBPO, ISRO Hq., Bengaluru
2. Associate Director, RESPOND & AI, ISRO Hq., Bengaluru  
(Ref No.ISRO/RES/2/818/19-20 dated 01.06.2019)
3. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi - 110 001.
4. The Director, O/o the Director General of Audit, Scientific Departments, Antarksh Bhavan, New BEL Road, Bengaluru - 560 094
5. Chief Controller of Accounts, DOS
6. Senior Accounts Officer, ISRO Hq., Bengaluru
7. The Pay & Accounts Officer, Department of Space, Bengaluru - With a request to make the payment of ₹7,74,000/- (Rupees Seven lakh seventy four thousand only) in favour of "Vice Chancellor, Dayananda Sagar University, Bengaluru" on receipt of the Bill.
8. The Senior Head (Internal Audit), DOS, Bengaluru
9. Dr. Radhika D, Assistant Professor, Department of Physics, School of Engineering, Dayananda Sagar University, Kudlu gate, Hosur Main Road, Bengaluru - 560 068.

  
(पूर्णिमा मनोज/Poomima Manoj)  
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

**DST/TDT/AMT/2017/228(G)**  
 Government of India  
 Ministry of Science & Technology  
 Department of Science & Technology

Technology Bhavan  
 New Mehrauli Road  
 New Delhi- 110 016  
 Dated: 24.09.2019

**ORDER**

**Sub:** Financial assistance for the project entitled "DESIGN AND DEVELOPMENT OF SMART ROBOTIC BASED MAGNETICALLY IMPELLED ARC BUTT WELDING EQUIPMENT FOR JOINING FERROUS AND NON FERROUS TUBES", submitted by Dr. S. Arungalai Vendan, Associate Professor, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University, Bangalore.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs. 47,88,720/- (Rupees Forty-Seven Lakhs Eighty-Eight Thousand Seven Hundred Twenty only)** duration of three years (36 months). The detailed breakup of the DST grant for general as well as Capital Components are given below:

General Component : **Rs. 22,88,720/-**  
 Capital Component : **Rs. 25,00,000/-**

2. The sanction of the President is also accorded to the release of **Rs. 10,12,160/- (Rupees Ten Lakh Twelve Thousand One Hundred Sixty Only)** under the recurring budget being the first instalment of grant under "General Component" for implementation of the above mentioned project. The item of expenditure for which the total allocation budget of **Rs. 47,88,720/-** has been approved for a period of 36 months are given below:

**Non-recurring (Capital Items)**

	HEAD	1 <sup>st</sup> Year DST	Total
1.	<b>EQUIPMENT:</b> Sub Arc DC 1000/1250, Electromagnetic power source, Permanent Magnets and Gauss meter, Arc Analyzer, Pneumatic cylinders, sensors and transducers, Welding Base Table, Dies and Holders, Data Acquisition systems, Weld Robotic Arms Components, High speed and resolution digital camera for constant arc speed valuation and monitoring	Rs. 25,00,000/-	Rs. 25,00,000/-
	<b>TOTAL</b>	Rs. 25,00,000/-	Rs. 25,00,000/-

**Recurring Items (General-DST component)**

S.No.	Item	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> year	TOTAL
1	<b>MANPOWER</b> JRF 01. No @ Rs. 31,000/-p.m. for 2 years and SRF @ Rs. 35,000/- for last 3 <sup>rd</sup> year.	372000	372000	420000	1164000
2	Consumables	100000	50000	30000	180000
3	Travel	30000	30000	30000	90000
4	Contingency	50000	50000	50000	150000
6	Other costs	200000	100000	50000	350000
7	Overhead @ 8%	260160	48160	46400	354720
	<b>GRAND TOTAL</b>	1012160	650160	626400	2288720

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the preformed prescribed as per GFR 2017 and audited Statement of Expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
4. **As per the Rule of GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extent available there as the project involves government funding.**
5. The grantee organization will have to enter and upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the division and entry of previous Utilization Certificate in the PFMS.
6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
7. The grant-in-aid being released is subject to the condition that
  - (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
  - (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
8. *As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.*
9. *GI should also follow Rule 230(17) of GFR, 2017 concerning reservation of SC/ST/OBC, if applicable.*
10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate.
11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GRF 2017), shall not be disposed of without obtaining the prior approval of DST.

12. In case the scheme provides for payment of honorarium/remuneration/fellowships/scholarship to the PI, para may suitably be incorporated in the DST to the effect that "PI is not drawing any emoluments/salary/fellowship from any other project either supported by DST or by any other funding agency.
13. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
14. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after completion of the project.
15. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
16. The overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.
17. The expenditure involved is debitable to Demand No. 86, Department of Science & Technology for the year 2019-20:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodies (Minor Head)
70	:	Innovation, Technology Development and Deployment.
70.00.31	:	Grants-in-Aid General for the year 2019-20 (Plan)
		[Previous: TDP-3425.60.200.26.01.31]

18. The amount of **Rs. 10,12,160/- (Rupees Ten Lakh Twelve Thousand One Hundred Sixty Only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to The Director, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University, Bangalore. The bank details for electronic transfer of funds through RTGS are given below

<b>Name of the Account Holder</b>	:	The Director, Dayananda Sagar University
<b>Name of Bank</b>	:	Vijaya Bank,
<b>Bank Account Number</b>	:	141101011004600
<b>IFSC Code</b>	:	VJIB0001411
<b>MICR Code</b>	:	560029071

19. As per Rule 234 of GFR 2017, this sanction has been entered at Sl. No. **250** in the register of grants maintained in the Division for the scheme (Innovation, Technology Development and Deployment).
20. This issues with the concurrence of IFD vide their Concurrence Dy. No. C/3271/IFD/2019-20 dated 24.09.2019
21. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.



**Dr. Krishna KanthPulicherla,**

Scientist-D

Tele: 011-26590493

The Pay & Accounts Officer  
Department of Science & Technology New Delhi -  
110 016,

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. The Director, Dayananda Sagar University, Bangalore
6. Dr. S. Arungalai Vendan, Associate Professor, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University, Bangalore
7. Sanction folder.



**Dr. Krishna KanthPulicherla,**

Scientist-D

Tele:011-26590493



Government of Karnataka

## Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology  
4th Gate, 7th Floor, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru - 560 001  
Phone : 080-2203 2013, E-mail : visiongroup.st@gmail.com, Website : www.vgst.in

Dr.S.G.Sreekanteswara Swamy,Ph.D.,  
Consultant,VGST.

No /VGST/GRD -813/2018-19/2019-20/

Date-13-01-2020

To,  
The Registrar,  
Dayananda Sagar University,  
School of Engineering, Hosur Main Road,  
Kudlu gate, Bangalore - 560 068.

Dear Sir,

Subject: Approval for the submission of PART –A, for purchase the Equipment – GRD 813,

\*\*\*

With reference to the approval of GRD-813, Dayananda Sagar University, School of Engineering, Hosur Main Road, Kudlu gate, Bangalore under the scheme RGS/F Proposed by Dr. Sunanda Saha, Assistant Professor, Department of Mathematics, the project titled "**Mathematical modeling and simulation of solute dynamics in the vascular walls**" was released the grant of Rs. 5.00 lakhs for one-time grant in the FY: 2018-19 (UTR No: SBINR52019121200132754 Dt: 12.12.2019)

As submitted the PART – A of GRD-813, by the Grantee Institution requesting for the purchase of Equipment's for the One-time grant the details are as follows.

Non-Recurring items Estimated under E- Tendering Process for the FY: 2018-19.

Sl .NO	Submitted in PART –A under Non – Recurring (ETP) items Estimated by Grantee Institution	Unit Price	Total Unit	Amount - (Rs)
1	COMSOL Multiphysics, Single User License	2,00,000	1	2,00,00.00
2	HP Z2 Tower G4 Workstation	1,60,000	1	1,60,000.00
	<b>Total</b>			<b>3,60,000.00</b>

→ Dr. Sunanda Saha

Non-Recurring items Estimated under Manual- Tendering Process for the FY:2018-19.

SI .NO	Submitted in PART -A under Non - Recurring (MTP) Budget Estimate by Grantee Institution	Unit Price	Total Unit	Amount (Rs)
1	Monitor	20,000	2	40,000.00
	<b>Total</b>			<b>40,000.00</b>

Recurring Budget Estimate for the FY: 2018-19

SI.NO	Submitted in PART -A under Recurring items Estimated by Grantee Institution	Amount (Rs)
1	Contingency	20,000.00
2	Books & Journal	5,000.00
	<b>Total</b>	<b>25,000.00</b>

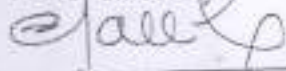
submitted PART - A document details are as follows.

Grant Amount	5,00,000.00
<b>TOTAL</b>	<b>5,00,000.00</b>
<b>NON -RECURRING</b>	
E-tendering (ETP)	3,60,000.00
M-T	40,000.00
<b>TOTAL</b>	<b>400,000.00</b>
<b>RECURRING</b>	
Consumables and Contingency	25,000.00
Approval as per (PART - A submitted by GI / PC)	<b>4,25,000.00</b>
<b>BALANCE AMOUNT NOT APPROVED</b>	<b>75,000.00</b>

In this view, as mentioned in the procurement document (PART-A), you may purchase the equipment's through E-Tendering and M-Tendering. Please do not deviate the purchase procedure for the procurement of equipment' Request you to submit the PART-B (Purchase Documents) to the VGST office after completion of the process, this is for your kind information.

With thanks and regards

Yours sincerely

  
(Dr.S.G. Sreekanth Swamy)

Consultant

CC: Dr. Sunanda Saha, Assistant Professor, Department of Mathematics, Dayananda Sagar University, School of Engineering, Hosur Main Road, Kudlu gate, Bangalore - 560 068.

Dayananda Sagar University  
School of Engineering

**Mathematical modelling and simulation of solute dynamics in the vascular wall.**

VGST Project :

PI Dr. Sunanda Saha

Project Cost Rs. 4,25,000 (Recurring : Rs.25,000; Non-Recurring (Capital): Rs. 4.0 Lakhs)

Project Duration 1 Year (13th Jan 2020 - 12th Jan 2021)

Sanctioned Amount			
	Recurring (received the amount from DSU account)	Non-Recurring	Total
	25,000	400000	425000

	Recurring (Heads)	Amount	Non-Recurring (Heads)	Amount
<b>Expenses First Year</b>	Demand draft for opening E-tendering	2,000	2 Monitors	40000
	Encryption Key	4,500		
	Books Purchase	1,060		
	Xerox	440		
	Total (bills attached)		8,000	Total
Remaining Amount			17,000	
			360000	

**Total Balance Unspent Amount with DSU**

**452,000**

No.DS-2B-13012(2)/19/2019-Sec.II  
भारत सरकार/GOVERNMENT OF INDIA  
अंतरिक्ष विभाग/DEPARTMENT OF SPACE  
\*\*\*

Antariksh Bhavan,  
New BEL Road,  
Bengaluru - 560 094.

July 15, 2019

Vice Chancellor,  
Dayananda Sagar University,  
Kudlu gate,  
Hosur Main Road,  
Bengaluru - 560 068.

Sir,

Sub. Grant-in-aid - RESPOND- Release of grant for the new project entitled  
"Investigation of spectro-temporal variabilities of stellar mass Black Hole  
X-ray binaries using Astrosat" - reg.  
\*\*\*

I am directed to convey the sanction of the President to a grant of ₹7,74,000/- (Rupees Seven lakh seventy four thousand only) to meet the expenditure towards the new project entitled "Investigation of spectro-temporal variabilities of stellar mass Black Hole X-ray binaries using Astrosat" (total project cost is ₹20.82 lakh for a period of three years) by Dayananda Sagar University during first year of the project.

2. The amount of ₹7,74,000/- (Rupees Seven lakh seventy four thousand only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094 on receipt of the bill.

3. The grant-in-aid sanctioned shall be subject to the terms and conditions mentioned in the Annexure enclosed.

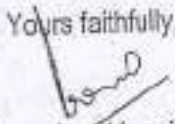
4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.

5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of support.

....2/-


6. The expenditure involved is debitable to the Head '3402.00.103.09.00.31- Space Research- Space Sciences-Respond- GIA-General' - under 'Grant No.91 - Department of Space' for the financial year 2019-2020.

Yours faithfully,

  
(पूर्णिमा मनोज/Poomima Manoj)  
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Director, CBPO, ISRO Hq., Bengaluru
2. Associate Director, RESPOND & AI, ISRO Hq., Bengaluru  
(Ref No.ISRO/RES/2/818/19-20 dated 01.06.2019)
3. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi - 110 001.
4. The Director, O/o the Director General of Audit, Scientific Departments, Antarksh Bhavan, New BEL Road, Bengaluru - 560 094
5. Chief Controller of Accounts, DOS
6. Senior Accounts Officer, ISRO Hq., Bengaluru
7. The Pay & Accounts Officer, Department of Space, Bengaluru - With a request to make the payment of ₹7,74,000/- (Rupees Seven lakh seventy four thousand only) in favour of "Vice Chancellor, Dayananda Sagar University, Bengaluru" on receipt of the Bill.
8. The Senior Head (Internal Audit), DOS, Bengaluru
9. Dr. Radhika D, Assistant Professor, Department of Physics, School of Engineering, Dayananda Sagar University, Kudlu gate, Hosur Main Road, Bengaluru - 560 068.

  
(पूर्णिमा मनोज/Poomima Manoj)  
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

**DST/TDT/AMT/2017/228(G)**  
 Government of India  
 Ministry of Science & Technology  
 Department of Science & Technology

Technology Bhavan  
 New Mehrauli Road  
 New Delhi- 110 016  
 Dated: 24.09.2019

**ORDER**

**Sub:** Financial assistance for the project entitled "DESIGN AND DEVELOPMENT OF SMART ROBOTIC BASED MAGNETICALLY IMPELLED ARC BUTT WELDING EQUIPMENT FOR JOINING FERROUS AND NON FERROUS TUBES", submitted by Dr. S. Arungalai Vendan, Associate Professor, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University, Bangalore.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 47,88,720/- (**Rupees Forty-Seven Lakhs Eighty-Eight Thousand Seven Hundred Twenty only**) duration of three years (36 months). The detailed breakup of the DST grant for general as well as Capital Components are given below:

General Component : Rs. 22,88,720/-  
 Capital Component : Rs. 25,00,000/-

2. The sanction of the President is also accorded to the release of Rs. 10,12,160/- (**Rupees Ten Lakh Twelve Thousand One Hundred Sixty Only**) under the recurring budget being the first instalment of grant under "General Component" for implementation of the above mentioned project. The item of expenditure for which the total allocation budget of Rs. 47,88,720/- has been approved for a period of 36 months are given below:

**Non-recurring (Capital Items)**

	HEAD	1 <sup>st</sup> Year DST	Total
1.	<b>EQUIPMENT:</b> Sub Arc DC 1000/1250, Electromagnetic power source, Permanent Magnets and Gauss meter, Arc Analyzer, Pneumatic cylinders, sensors and transducers, Welding Base Table, Dies and Holders, Data Acquisition systems, Weld Robotic Arms Components, High speed and resolution digital camera for constant arc speed valuation and monitoring	Rs. 25,00,000/-	Rs. 25,00,000/-
	<b>TOTAL</b>	Rs. 25,00,000/-	Rs. 25,00,000/-

**Recurring Items (General-DST component)**

S.No.	Item	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> year	TOTAL
1	<b>MANPOWER</b> JRF 01. No @ Rs. 31,000/-p.m. for 2 years and SRF @ Rs. 35,000/- for last 3 <sup>rd</sup> year.	372000	372000	420000	1164000
2	Consumables	100000	50000	30000	180000
3	Travel	30000	30000	30000	90000
4	Contingency	50000	50000	50000	150000
6	Other costs	200000	100000	50000	350000
7	Overhead @ 8%	260160	48160	46400	354720
	<b>GRAND TOTAL</b>	1012160	650160	626400	2288720

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the preformed prescribed as per GFR 2017 and audited Statement of Expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
4. **As per the Rule of GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extent available there as the project involves government funding.**
5. The grantee organization will have to enter and upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the division and entry of previous Utilization Certificate in the PFMS.
6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
7. The grant-in-aid being released is subject to the condition that
  - (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
  - (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
8. *As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.*
9. *GI should also follow Rule 230(17) of GFR, 2017 concerning reservation of SC/ST/OBC, if applicable.*
10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate.
11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GRF 2017), shall not be disposed of without obtaining the prior approval of DST.

12. In case the scheme provides for payment of honorarium/remuneration/fellowships/scholarship to the PI, para may suitably be incorporated in the DST to the effect that "PI is not drawing any emoluments/salary/fellowship from any other project either supported by DST or by any other funding agency.
13. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
14. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after completion of the project.
15. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
16. The overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.
17. The expenditure involved is debitable to Demand No. 86, Department of Science & Technology for the year 2019-20:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodies (Minor Head)
70	:	Innovation, Technology Development and Deployment.
70.00.31	:	Grants-in-Aid General for the year 2019-20 (Plan)
		[Previous: TDP-3425.60.200.26.01.31]

18. The amount of **Rs. 10,12,160/- (Rupees Ten Lakh Twelve Thousand One Hundred Sixty Only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to The Director, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University, Bangalore. The bank details for electronic transfer of funds through RTGS are given below

<b>Name of the Account Holder</b>	:	The Director, Dayananda Sagar University
<b>Name of Bank</b>	:	Vijaya Bank,
<b>Bank Account Number</b>	:	141101011004600
<b>IFSC Code</b>	:	VJIB0001411
<b>MICR Code</b>	:	560029071

19. As per Rule 234 of GFR 2017, this sanction has been entered at Sl. No. **250** in the register of grants maintained in the Division for the scheme (Innovation, Technology Development and Deployment).
20. This issues with the concurrence of IFD vide their Concurrence Dy. No. C/3271/IFD/2019-20 dated 24.09.2019
21. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.



**Dr. Krishna KanthPulicherla,**

Scientist-D

Tele: 011-26590493

The Pay & Accounts Officer  
Department of Science & Technology New Delhi -  
110 016,

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. The Director, Dayananda Sagar University, Bangalore
6. Dr. S. Arungalai Vendan, Associate Professor, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University, Bangalore
7. Sanction folder.



**Dr. Krishna KanthPulicherla,**

Scientist-D

Tele:011-26590493

BY FAX / BY SPEED POST



Phone: 0484 – 2571309/1326  
Fax : 0484 – 2424858  
E-mail: gdnmm@npol.drdo.in



Government of India, Ministry of Defence  
Defence Research & Development Organisation  
NAVAL PHYSICAL & OCEANOGRAPHIC LABORATORY  
Thrikkakara P.O., Kochi – 682 021, India

NPOL/21CR0006/OA./GN/LP

Dated 15 December 2020

To,

M/s. Dayananda Sagar University  
Innovation Campus  
Kudlu Gate, Hosur Main Road  
Bengaluru- 560114

(Kind Attn: Dr.KNB Murthy, Vice Chancellor)

Dear Sir,

**SUB: FORWARDING COPY OF CONTRACT (No NPOL/21CR0006/OA./GN/LP  
dated 15/12/2020)**

Ref: (1) Your Summary Offer No. Nil dated Nil

A Contract for "Design and Development of algorithms to distinguish between surface and sub-surface targets using deep submerged arrays" along with Order Acceptance, Format of Bank Details for payment & Contractor's Bill form is forwarded herewith. Kindly acknowledge the receipt of the same.

For claiming the payment, you may please forward the invoice, Contractor's bill and Bank details for each Milestone. Please ensure that the bank details are duly endorsed by the bank and also submit a cancelled cheque.

Thanking you,

Yours faithfully,

**MURALIKRISHNAN K.K**  
Stores Officer  
For DIRECTOR.

\*\*\*\*\*All correspondence should be addressed to Director, NPOL, with attention to the undersigned\*\*\*\*\*



### Contract for Acquisition of Research Services (CARS)

Annex 2

By signature of authority identified at (11) below, DRDO hereby contracts on the Research Service Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows:

1. Short title of Research Service to be provided: <b>Design and Development of Algorithms to distinguish between surface and sub-surface targets using deep submerged arrays</b>		Contract <b>NPOL/21CR</b> <b>0006/07/GRVLP</b> Number : Date: <b>15/12/2020</b>	
in response to :		Dates of CARS Amendments	
2. RSQR Document Ref. No. <b>NPOL/CARS/GLF/2020</b>	Date of Issue YY MM DD <b>20</b>	Issuing DRDO Lab/Estt/Project <b>NPOL</b>	
3. Name & address of Research Service Provider (RSP) : Dr. KNB Murthy Vice Chancellor Dayananda Sagar University Innovation Campus Kudlu Gate, Hosur Main Road Bengaluru 560114		4. RSP's Offer Ref.  Date:	
5. (a) This contract will require a formal amendment if the following key professionals are not available to RSP: <b>Not Applicable</b> (b) RSP is authorized to engage these professionals as research consultants (names, institutes/companies): <b>Not Applicable</b>			
6. Principal technical features of Research Service to be provided (Detailed in Attachment A) <b>Statement of case prepared by NPOL</b> <b>Principal technical features of offer given in Attachment A</b>			
7. DRDO will make available the following DRDO-owned equipment to RSP (Detailed in Attachment B) <b>Not Applicable</b>			
8. The tech performance of this contract shall be complete when RSP submits the Final Report before (date):			
9. 1. Expenditure on items below shall not exceed sums shown against each			Rs. in lakhs
a) Personnel			<b>6.90</b>
b) Equipment			<b>0.00</b>
c) Others			<b>3.012</b>
			Total > <b>9.912</b>
9. 2. Schedule of payments (Rs. in lakhs)			Date
a) Initial advance 30%			T0
b) at Performance Milestone I of RSQR 20%			T0+4 m
c) at performance Milestone II of RSQR 20%			T0+8 m
d) at performance Milestone III of RSQR 20%			T0+11 m
e) On submission of Final Report 10%			T0+14 m
* Payments will be made within 45 days of receipt by L/E/P of Contingent Bill			Total > <b>9.912</b>
10. DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract  <b>S.N. B. Murthy</b> [Sign over seal] Vice Chancellor Dayananda Sagar University School of Engineering Kudlu Gate, Hosur Main Road, BANGALORE - 560 000		11. Signature of L/E/P contract administrator:  <b>Dr. REJI JOHN</b> Scientist - G1 Government of India, Ministry of Defence Defence Research & Development Organisation Naval Physics & Oceanographic Laboratory, Thrikkakara, Kochi-682 021	

Conditions of this contract appear on reverse. Please read them.

1. **Specific Conditions of the Contract.** The following conditions apply to the IEP (as amended) under the terms of the contract:
  1. Technical matters: The technical requirements of the contract shall be defined by the IEP. The IEP shall be the sole authority in all matters relating to the technical requirements of the contract.
  2. Delivery schedules: The delivery schedules of the contract shall be defined by the IEP.
  3. Other specific conditions.
- II. **General Conditions of the Contract.**
  1. **Equipment**
    - 1.1. All equipment of a major nature purchased by the Research Service Provider (RSP) to execute the contract and for the benefit of the IEP shall be retained by the IEP until 30 months of expiry of the contract, unless the IEP provides otherwise expressly. RSP shall be liable for maintenance of equipment between the RSP and IEP at all times, and shall be liable for replacement of equipment in the event of failure of the IEP.

The RSP shall be responsible for the proper maintenance of all equipment and shall not be liable for any loss or damage to the equipment or for any loss or damage to the IEP's equipment.

  2. **Financial provisions.** By entering into this contract, the RSP agrees to make available to the IEP, at its own expense, all the facilities and equipment required for the execution of the contract, including:
    - 2.1. **Advances, work in progress and scheduled payments**
      - (a) Advances of material payments are to be made by the IEP and shall be delivered to the IEP on the day of the RSP.
      - (b) The IEP shall make payments for financing the contract on a regular basis through Commercial Bank of Ethiopia (CBE) in accordance with the payment schedule of the RSP and the terms of the contract. The IEP shall be liable for any delay in the payment of the contract.
      - (c) Advances of work in progress shall be made by the IEP on the day of the RSP and shall be delivered to the IEP on the day of the RSP.
      - (d) Advances of scheduled payments shall be made by the IEP on the day of the RSP and shall be delivered to the IEP on the day of the RSP.
    - 2.2. **Final bill documentation and receipts**
      - (a) For work orders delivered to the IEP, the RSP shall provide the IEP with a receipt for the work orders delivered to the IEP within 30 days of delivery of such goods.
      - (b) For work orders delivered to the IEP, the RSP shall provide the IEP with a receipt for the work orders delivered to the IEP within 30 days of delivery of such goods.
      - (c) For work orders delivered to the IEP, the RSP shall provide the IEP with a receipt for the work orders delivered to the IEP within 30 days of delivery of such goods.
  3. **Insurance and indemnification.** The RSP shall be responsible for the insurance of the equipment and shall be liable for any loss or damage to the equipment or for any loss or damage to the IEP's equipment. The RSP shall be liable for any loss or damage to the equipment or for any loss or damage to the IEP's equipment.
  4. **Delivery schedule**
    - 4.1. The delivery schedule of the contract shall be defined by the IEP.
    - 4.2. The RSP shall deliver the IEP promptly at any time, and shall be liable for any delay in the delivery of the contract. The IEP shall be liable for any delay in the delivery of the contract.
    - 4.3. Any delay in the delivery of the contract shall be defined by the IEP.
  5. **Final bill documentation and receipts**
    - 5.1. For work orders delivered to the IEP, the RSP shall provide the IEP with a receipt for the work orders delivered to the IEP within 30 days of delivery of such goods.
    - 5.2. For work orders delivered to the IEP, the RSP shall provide the IEP with a receipt for the work orders delivered to the IEP within 30 days of delivery of such goods.
  6. **Records.** The RSP shall maintain records of the contract and shall be liable for any loss or damage to the records or for any loss or damage to the IEP's records.
  7. **Ownership of the Intellectual Property (IP)**
    - 7.1. The ownership of intellectual property, whether or not legally protected, generated by the contract shall be defined by the IEP.
    - 7.2. The RSP shall be liable for any loss or damage to the intellectual property or for any loss or damage to the IEP's intellectual property.
  8. **Publication of the contract.** The RSP shall be liable for any loss or damage to the contract or for any loss or damage to the IEP's contract.
  9. **Confidentiality.** The RSP shall be liable for any loss or damage to the contract or for any loss or damage to the IEP's contract.
  10. **Compliance with Law.** The RSP shall be liable for any loss or damage to the contract or for any loss or damage to the IEP's contract.
  11. **Settlement of disputes.** The RSP shall be liable for any loss or damage to the contract or for any loss or damage to the IEP's contract.

### Summary Offer of Provision of Research Services

<p>1. Title of DRDO's Research Service Qualitative Requirement (RSQR):</p> <p style="text-align: center;">Design and Development of Algorithms to distinguish between surface and sub-surface targets using deep submerged arrays</p>	<p>Offer Number:</p> <p>Date received:</p> <p>Revised on:</p>	For DRDO use																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">2. RSQR Document Ref. No. <b>NPOL/CARS/GLF/2020</b></td> <td style="width: 15%;">Date of Issue</td> <td style="width: 40%;">Issuing DRDO Lab/Estt/Project</td> <td rowspan="3" style="width: 20%;">Remarks of RSQR initiator:</td> </tr> <tr> <td></td> <td>YY MM DD</td> <td rowspan="2" style="text-align: center;">NPOL</td> </tr> <tr> <td></td> <td>20</td> </tr> </table>	2. RSQR Document Ref. No. <b>NPOL/CARS/GLF/2020</b>		Date of Issue	Issuing DRDO Lab/Estt/Project	Remarks of RSQR initiator:		YY MM DD	NPOL		20													
2. RSQR Document Ref. No. <b>NPOL/CARS/GLF/2020</b>	Date of Issue	Issuing DRDO Lab/Estt/Project	Remarks of RSQR initiator:																				
	YY MM DD	NPOL																					
	20																						
<p>3. Name of Research Service Provider (RSP) making this offer:</p> <p><b>Dr. KNB Murthy</b> Vice Chancellor Dayananda Sagar University</p> <p>3. (a) RSP's address for correspondence : Innovation Campus, Kudlu Gate, Hosur Main Road Bengaluru, India</p> <p>Pin Code 560114</p> <p>Telephone: 080-42201997 FAX</p> <p>Email: <a href="mailto:vice@dsu.ac.in">vice@dsu.ac.in</a></p>	<p>4. RSP's Ref No.</p> <p>Date:</p>	<p>Judgment of OEC</p>																					
<p>5. (a) Key personnel of RSP to be deployed: <b>Prof. G. V. Arand</b> <b>Mr. P. V. Nagesha</b>, Research Associate</p> <p>5. (b) RSP's sub-contractors/consultants:</p> <p>a) Name: Institute/Company</p> <p>b) Name: Institute/Company</p>																							
<p>6. Principal technical features of offer as related to RSQR (Detailed in Attachment A) <b>Statement of case prepared by NPOL</b> Principal technical features of offer are given in Attachment A.</p> <p>7. DRDO owned eqpt that RSP requires to be positioned by DRDO (Detailed, with estimated costs, in Attachment B) <b>Not Applicable</b></p> <p>8. Estimated time to complete provision of research services and submit Final Report      Months:</p>																							
<p>9. 1. Estimated expenditure (as elaborated on reverse) on:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">Rs. in lakhs</th> </tr> </thead> <tbody> <tr> <td>a) Personnel</td> <td style="text-align: right;">6.90</td> </tr> <tr> <td>b) Equipment</td> <td style="text-align: right;">0.00</td> </tr> <tr> <td>c) Others</td> <td style="text-align: right;">3.012</td> </tr> <tr> <td style="text-align: right;"><b>Total &gt;</b></td> <td style="text-align: right;"><b>9.912</b></td> </tr> </tbody> </table>			Rs. in lakhs	a) Personnel	6.90	b) Equipment	0.00	c) Others	3.012	<b>Total &gt;</b>	<b>9.912</b>												
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<p>10. References to R&amp;D work being performed by RSP for Armed Services/DRDO/Other S&amp;T (including foreign) agencies:</p>	<p>11. Offer as above valid till (date):</p> <p>12. Signature of competent authority of RSP:</p> <p style="text-align: center;"><i>S.N. B. Murthy</i></p> <p style="text-align: center;"><b>Vice Chancellor</b> Dayananda Sagar University School of Engineering Kudlu Gate, Hosur Main Road, BANGALORE - 560 060</p> <p>Name</p> <p>Designation</p> <p style="text-align: right;">114</p>																						

Instructions to fill this sheet are on the reverse. Please read them.

Send filled-in form to The Director  
L/E/P using RSR/R

Guidance to fill form

- Item 5(a) In Offers whose expected time of completion is more than 12 months RSP shall identify at least two key personnel who will engage in the work.
- Item 5(b) Consultants who are non-Indian citizens (whether or not of Indian origin) will require prior approval of IPRD.
- Item 6 Highlight investigator methodology and/or experimental design intended to be followed.
- Item 7 Identify equipment. Detail in Attachment B, including proposed country of origin.
- Item 9 1(a) Indicate below categories, and numbers in each category, of personnel proposed to be engaged and their monthly total emoluments  
**One Professor: Rs. 17,500 per month 17500X12 Rs. 2.10 lakhs**  
**One Research Associate: Rs. 40,000 per month 40000X12 Rs. 4.80 lakhs**
- Item 9 1(b) List below all equipment required. Prior approval of L/E/P will be required to order any equipment for which the potential supplier asks for an end-use or end-user certificate.
- Item 9 1(c) Enter total of expected other expenses listed below

Expected other expenses of	Rs. in lakhs
Sub-contracts (details of sub-contracts must be provided in Attachment A)	
Operation & maintenance of equipment required for provision of the Research Service	
Expendables	
Travel - Local travel	0.00
Contingencies	0.00
Visiting Faculty or Research Consultants	
Technical support services procured from outside the RSP	
Fees for use of intellectual assets (including royalties for legally protected IPR)	
Overheads (Fixed amount till completion of provision of research service)*	0.40
<b>Total of above</b>	<b>1.50</b>
<b>Personnel</b>	<b>6.90</b>
<b>Equipment</b>	<b>0.00</b>
<b>Total Expenditure</b>	<b>8.40</b>
GST 18% (outside Kerala)	1.512
<b>Grand Total including GST</b>	<b>9.912</b>

\*Will not be changed notwithstanding variations in actual expenditure under other heads in item 9

FILE NO. CRG/2020/006998  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
 (A statutory body of the Department of Science & Technology, Government of India)

S & SA, Lower Ground Floor  
 Vasant Square Mall  
 Plot No. A, Community Centre  
 Sector 3, Pocket 5, Vasant Kunj  
 New Delhi-110070

Dated: 01-Jan-2021

**ORDER**

Subject: Financial Sanction of the research project titled "**Corrosion testing of fiber metal laminates using droplet cell microscopy**" under the guidance of Dr. Viswanathan Rajan, Mechanical Engineering, Dayananda Sagar University, Shavige Malleshwara hills, Kumaraswamy layout, Bangalore, Bangalore Urban district, Karnataka-560078 - Release of 1st grant

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2046000/- (Rs. Twenty Lakh Forty Six Thousand Only) with break-up of Rs. 1250000/- under Capital (Non-recurring) head and Rs. 796000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2046000/- has been approved are given below:

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Optical microscope -> Potentiostat	1250000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1250000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I (Manpower) Recurring - II (Consumables, Travel, Contingencies) Recurring - III. Scientific Social Responsibility	0 550000 60000
2	Recurring - IV : (Overhead Charges)	186000
<b>B'</b>	<b>Total (Recurring)</b>	<b>796000</b>
<b>C</b>	<b>Total cost of the project (A + B')</b>	<b>2046000</b>

2. Sanction of the SERB is also accorded to the payment of Rs. 370000/- (Rupees Three Lakh Seventy Thousand only) under 'Grants-in-aid General' to Dean, Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore being the first instalment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)  
 This release is being made under Core Research Grant. (PAC Materials, Mining and Minerals Engineering)

4. The Sanction has been issued to Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore with the approval of the competent authority under delegated powers on 30 December, 2020 and vide Diary No. SERB/E/6917/2020-2021 dated 01 January, 2021

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

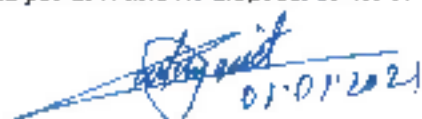
6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 21) of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

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

  
01.01.2021

11. The release amount of Rs. 370000/- (Rupees Three Lakh Seventy Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

<b>PFMS Unique Code</b>	KABN0C003849
<b>Account Name</b>	Dayananda Sagar University - Research
<b>Account Number</b>	74370103004082
<b>Bank Name &amp; Branch</b>	Bank of Baroda D&CE Branch, Kumaraswamy Layout, Bangalore 560111
<b>IFSC/RTGS Code</b>	BARB0VJDASC
<b>Email id of A/C Holder</b>	cfo@dsu.edu.in
<b>Email id of PI</b>	viswabms@gmail.com

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

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

14. The project File no. CRG/2020/005998 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.


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

16. As this is the first grant being released for the project, no previous UC is required.

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

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


19. In addition, the investigator/local institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

  
 (Dr. Pankaj Kumar Rawat)  
 Scientist D  
 ms\_mrun@serbonline.in

To,  
 Under Secretary  
 SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.B. Building, IIIrd Floor I.P Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Viswanathan Rajan <b>Mechanical Engineering</b> <b>Dayananda Sagar University</b> , Shavige Malleshwara hills, Kumaraswamy layout, Bangalore, Bangalore urban district, Karnataka-560078 <b>Email: viswabms@gmail.com</b> <b>Mobile: 919600550233</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Dean, <b>Dayananda Sagar University, Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore</b> (Receipt of Grant may be intimated by name to the undersigned)

  
 (Dr. Pankaj Kumar Rawat)  
 Scientist D  
 ms\_mrun@serbonline.in

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: [spp@kscst.iisc.ernet.in](mailto:spp@kscst.iisc.ernet.in) || Phone: 080-23341652, 23348840/48/49

## 44<sup>th</sup> Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

### 48. DAYANANDA SAGAR UNIVERSITY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
295.	44S_BE_1392	OBJECT DETECTION, TRACKING AND BEHAVIOURAL ANALYSIS	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. REEJA S R	Mr. SHEIKH HAMMAAD Ms. PAVITHRA N Ms. PINKY B Ms. ALFIYA ANJUM M	5000.00
296.	44S_MSC_047	A REMEDIAL APPROACH USING NOVEL MICROORGANISMS TO MINIMIZE THE INDUSTRIAL EFFLUENT CONTAINING HEAVY METALS TO WATER BODIES OF BANGALORE	MICROBIOLOGY	M.Sc	Dr. SHILPA BM Dr. MANJULA NG	Mr. SIDHARTHA PRATIM DEKA Mr. MEHZABEEN PARVEEN Ms. CHAITHRASHREE K POOJARY Mr. RAKSHITH M	6000.00

**Note:**

- Transaction details of sanctioned amount of **Rs.11000/-** credited on **28<sup>th</sup> May 2021** by **NEFT DR- P148210110028977- DAYANANDA SAGAR UNIVERSITY- BARB0VJDASC- BLR IISc**.
- The evaluation of above projects will be conducted during July / August 2021 via online mode and participation in the online evaluation process is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- Submit **softcopy of Synopsis in pdf (as per the format preferred in the KSCST website) and report (PDF format in a single file)** of project by **20<sup>th</sup> July 2021**, which will be uploaded in **KSCST SPP portal**.
- Synopsis and report must be named with Reference ID provided by KSCST (Eg:**44S\_BE\_0001**).



सत्यमेव जयते

Tel.: 011-23061130  
E-mail: ddgtb@rntcp.org  
mandals@rntcp.org

**Dr. Sudarsan Mandal, MD**  
Deputy Director General  
Head, Central TB Division  
Project Director, NTEP

भारत सरकार  
Government of India  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय  
Ministry of Health & Family Welfare  
निर्माण भवन, नई दिल्ली-110108  
Nirman Bhawan, New Delhi-110108

Z-28015/191/2021-TB  
Date: 27<sup>th</sup> July, 2021

Dear Dr. Yatnatti,

This is in reference to your Research proposal titled, "Assessment of the nutritional status of pulmonary TB patients who have received Nikshay Poshan Yojana scheme residing in Ramanagara district, India by using N-TB mobile application- A cross-sectional study" submitted under the Call for Expression of Interest made by STAC (SAARC Tuberculosis and HIV/AIDS Centre), for small research grants, 2021.

The proposal has been duly examined by the CTD and accordingly, we are pleased to hereby approve the above mentioned study.

With warm regards,

(Dr. Sudarsan Mandal)

To,

1. Dr. Santosh K Yatnatti,  
Assistant Professor, Department of community medicine,  
Dr. Chandramma Dayanand Sagar Institute of Medical Research and Centre,  
(CDSIMER),  
Harohalli, Karnataka, India

Cc:

1. Dr. Bibek Kumar Lal,  
Director, STAC  
Bhaktapur, Nepal
2. Dr. Sanjay Kumar Mattoo,  
Joint Director, (TB),  
Central TB Division, MoHFW,

## **Agreement**

**between**

**SAARC Tuberculosis and HIV/AIDS Centre and CDSIMER, India**

**For the study "Assessment of nutritional status of pulmonary TB patients who have received Nikshay Poshan Yojana scheme residing in Ramanagara District, India by using N-TB mobile application- A cross-sectional study"**

### **Purpose of Agreement**

This agreement is between SAARC Tuberculosis and HIV/AIDS Centre (hereafter referred to as "STAC") and Dr Chandramma Dayanand Sagar Institute of Medical Education and Research (CDSIMER) (here after referred to as "CDSIMER"). This agreement defines the terms and conditions under which the STAC may provide funding to CDSIMER to conduct the study "Assessment of nutritional status of pulmonary TB patients who have received Nikshay Poshan Yojana scheme residing in Ramanagara District, India by using N-TB mobile application- A cross-sectional study" as per the Terms of Reference (ToR) stated below.

### **2. a. Program Objective:**

- i. To determine the Proportion of pulmonary TB patients who utilized NPY scheme.
- ii. To assess the nutritional status of the pulmonary TB patients who utilized the NPY scheme using N-TB mobile application.
- iii. To determine the factors associated with utilization of NPY scheme and spending pattern of the amount received by the pulmonary TB patients.

**2. b. Project Period:** 1<sup>st</sup> August 2021 – 31<sup>st</sup> January 2022

### **3. Activities**

CDSIMER investigators on its behalf shall work in close coordination with STAC and shall conduct all the activities spelled out in the TOR while conducting the study pertaining to the title of the research.

The key deliverables to be completed within this contract:

- a. Completion of the study as per enclosed protocol
- b. Submission of technical and financial report of the study

4. **Dr. Sharath B N**, Chairperson, State TB Operation Research Cell, Karnataka, India and Faculty, Department of Community Medicine, ESIC Medical College and PGIMSR, Bengaluru, will be in country (India) subject matter expert who will serve as in country (India) direct supervisor for the project and for the duration of the grant.

#### 5. Reporting:

The contracting party (CDSIMER) is required to periodically report the progress update along with financial documents from time to time (as given in point 6 below) and all stated deliverables (mentioned above and additional if any) to SAARC Tuberculosis and HIV/AIDS Centre, addressing "The Director, STAC".

#### 6. Financial deliverables and milestones:

- i. On signing of the agreement, STAC shall transfer to the Institute (CDSIMER) an amount of 20% of the total cost of the study.
- ii. STAC shall transfer 70% of the total cost of the study to CDSIMER after submission of "Inception Report".
- iii. STAC shall transfer 10% of the total cost of the study after submission of bills for the 100% of the amount transferred and submission of technical and financial reports.

7. STAC will transfer the funds to the account of CDSIMER. The account details are given below:

**Bank name:** State Bank of India  
**Branch name:** SBI, Harohalli  
**Account name:** CDSIMER College  
**Account number:** 39618157986  
**IFSC code:** SBIN0013388  
**SWIFT code:** SBININBB023  
**MICR number:** 560002167

#### 8. Modification in the Contract

Any modification to this contract shall require an amendment in writing with mutual consent duly signed by the authorized representatives of STAC and CDSIMER.

9. The total cost for completion of the study is US\$ 5760

**Notification**

For the purpose of notifications under the contract, the address of the STAC and the contracting party are as follows:

For SAARC Tuberculosis and HIV/AIDS  
Centre



*[Handwritten Signature]*  
Dr. Bibek Kumar Lal  
Director

SAARC Tuberculosis and HIV/AIDS Centre  
Bhaktapur, Nepal

Signature with seal of Institute

For Dr Chandramma Dayanand Sagar  
Institute of Medical Education and  
Research (CDSIMER)

*[Handwritten Signature]*

Dr. A.C. ASHOK <sup>MSc, MS, PhD</sup>  
Principal & Dean  
CDSIMER, DSU  
Harohalli Hobli, Kanakapura  
Dist. Ghazipur, U.P., India - 22112  
Dr. Chandramma Dayanand Sagar  
Institute of Medical Education and  
Research (CDSIMER), India

Signature with seal of Institute

// Jan 2022

To,  
 The Vice-Chancellor  
 Dayanand Sagar University,  
 Bangalore-560114

**SANCTION OF PROJECT UNDER GRANT-IN-AID SCHEME OF  
 AERONAUTICS R&D BOARD**

1. Under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D(R&D) dated 12<sup>th</sup> Feb 1971 and in exercise of power delegated vide SI No. 3.1 of GoI, MoD letter No. DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18<sup>th</sup> Dec 2019 as amended from time to time, I am directed to convey the sanction of the board for the following project:-

**TITLE OF THE PROJECT: "Active Flutter Suppression of Composite Wing Embedded with Shape Memory Alloys (SMAs)"**

**Project No.** : 2022  
**Name of the PI** : Dr. Rammohan Bhanumurthy, Dayanand Sagar University, Bengaluru-560114.  
**Name of the Co-PI** : Ravitez Y P, Dayanand Sagar University, Bengaluru-560114  
**Domain Scientist** : Dr. P V Satyanarayana Murthy, Sr. Principal Scientist  
**User Relevant Lab** : CSIR-NAL, Bangalore

2. Cost: Total fund for the project is **Rs 37,281 /- Lakh** (Rupees Thirty Seven Lakh Twenty Eight Thousand One Hundred Only). The year wise break up of the project cost is given as under.

HEAD	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	Total
Salary (1 Research Assistant @ 27700 Rs/Month + HRA @ 8300 Rs/Month for 2 years)	4.32	4.32	8.64
Equipment (Annex I)	10.8	1.8	12.60
Operation and Maintenance of Equipment	--	0.60	0.60
Expendables	2.25	2.25	4.50
Contingency	0.4914	0.2076	0.699
Consultancy	2.00	2.00	4.00
Workshops	1.50	1.50	3.00
Travel (5% of project cost or Rs 50,000/- max, whatever is less)	0.50	0.50	1.00
Procured Services and Metered utilities	0.43	0.43	0.86
Overhead	0.941	0.441	1.382
<b>TOTAL</b>	<b>23.2324</b>	<b>14.0486</b>	<b>37.281</b>
<b>Grand Total: Rs 37,281 /- Lakh</b> (Rupees Thirty Seven Lakh Twenty Eight Thousand One Hundred Only)			

3. PDC: Two Year

*u...*  
 Dean - R&D / Accty / Prof  
 Rammohan B.  
 27/1/2022

... 2/-

4. **The Deliverables of the project are:-**

- (i) Aero-elastic model of HALE model wing
  - (a) Computational Model of SMAH & GFRP/CFRP for HALE Aircraft.
  - (b) Aero-elastic Flutter analysis for different Temperatures and Model cases using PK or G method using SMA.
  - (c) Coupled field model incorporating Nonlinear effects.
- (ii) Experimentally validated scaled down model for HALE UAV.

5. **Procedure for Release of funds** : The grantee institute will prepare Contingent bill duly completed, signed on revenue stamp with official seal by the competent financial authority of the institute and certificate from the Institute that no UCs are pending from the PI/ Institute and the same will be forwarded to 'The Secretary, Aeronautics R&D Board, DRDO HQ Annexe, Room no 411, 4<sup>th</sup> Floor Old Lastec Building, Metcalf House, Delhi-110054' within 30 days for counter signature and submission to PCDA(R&D), West Block V, RK Puram, New Delhi-110066 for release of installment. The following documents may be submitted to comply the requirement of G.F.R 2017 and release of first installment:-

- a) ECS mandate form duly filled and countersigned by Dean/Registrar of the Institute.
- b) Contingent bill (03 Copies) duly signed by PI and countersigned by Dean/Registrar.
- c) Certificate from the Grantee institution that grants has not been obtained or applied for the same purpose/ task to be carried out under the MOC with AR&DB or activity from any other Ministry/Department of Government of India or State Government.

6. **Commencement date of the Project**:-The date of receipt of the grant would be reckoned as the commencement date of the project which has to be intimated to this Sectt. as well as the PCDA (R&D), West Block V, RK Puram, New Delhi-110066 without any ambiguity.

7. **Accounting and Audit of Grant:-**

(i) Audited Statement of accounts and Utilisation certificate duly certified by the executive financial authority of the Institution and countersigned by competent audit authority is to be submitted alongwith the Annual Technical Report by the end of each financial year.

(ii) Grantee Institute to open a saving bank account and refund the accrued interest. In case of common account held by Institute the Institute can reflect the interest accrued separately and refund the accrued interest to AR&DB every end of the financial year through Demand Draft/MRO in favour of PCDA (R&D) New Delhi drawn at New Delhi. Unspent balance on completion of the project should be sent to the undersigned by the grantee institution through a Demand Draft/MRO in favour of PCDA (R&D) drawn @ New Delhi, for doing the needful.

8. **a. Special Equipment:-**

(i) Under the special equipment head, procurement of laptop is not permitted and subsequently any request for regularization of the same would not be considered by AR&DB.

(ii) The equipment purchased from the project fund would be taken on the ledger charge of the institution and details of the same may kindly be submitted to this office alongwith Equipment Retention Form duly certified by the auditors of the institution that necessary check has been applied and the inventory acquired under the project has been found in order.

(iii) On completion of the project the grantee institute would forward the consolidated list of equipment and may also forward a formal request for retention of equipment and an undertaking by the grantee institute for the following:-

- DRDO or any associated lab will make use of the equipment retained in the institute under the project as and when required without any payment.
- Any expenditure incurred for maintenance/up-keep of the retained equipment will be borne by the institute.
- In case of disposal of the retained equipment, required by the institute, due to of non-performance, prior approval of DRDO to be obtained and the money generated is to be refunded to AR&DB

*Review*

9. The grantee institute shall incorporate necessary clause to provide reservation for SC & ST or OBC in post and services for appointing project staff under grants-in-aid scheme.

10. Details of project staff employed is to furnished soon upon appointment and also, if any changes happen thereon.

11. **Policy on Ownership of Intellectual Properties:-**

a) All foreground information and foreground intellectual property created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee Institution shall be deemed to have a royalty-free license to use such joint information and foreground intellectual property for their own R&D purposes.

b) Grantee Institution shall not publish any research paper covering foreground information generated during the performance of the Project before seeking written consent from DRDO to ensure that no proprietary information is released and no legal rights covering foreground information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.

c) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the Project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, prosecution, maintenance of Intellectual Property Rights applications including patent applications covering foreground information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent application and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications.

d) Grantee Institution may commercially exploit any foreground information and foreground Intellectual Property, generated during the course of the Project, whether or not legally protected, for purposes other than Government Applications only after conclusion of separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.

e) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purposes of Government Applications including armed forces and paramilitary forces.

f) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially exploiting the product/process based upon any foreground information and foreground Intellectual Property, generated during the performance of project, whether or not legally protected, or stipulate conditions in such commercial sale, Grantee Institution shall abide by DRDO requirements.

g) DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise, by PI or the Grantee Institute of the Intellectual Property Rights of third parties.

h) The grantee institution shall maintain an account of its incomes arising out of commercial use and any royalty income shall be shared equally between DRDO and grantee institution.

i) A copy of Govt. of India letter No. ERIP/0307022/M/01/1208/D(R&D) dated 15<sup>th</sup> July 2016 issued in this regard is enclosed.

محمد

12. **Publication of Technical Papers: -**

(a) Grantee Institution shall not publish any research paper covering foreground information generated during the performance of the project before seeking written consent from DRDO to ensure that no proprietary information is released and no legal rights covering foreground information are jeopardized. Normally such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee institution.

(b) The PI will seek prior permission from DRDO for the publication of the technical papers, if any, related to the project work, in Indian/foreign journals including thesis of the research students. PI will submit a formal request alongwith copy of the paper to Secretary, AR&DB for further necessary action in this regard. The assistance rendered by the AR&DB will be acknowledged in the paper. Three copies of reprint of published paper will sent to the secretary AR&DB. The PI should also consider – submitting one or two papers, out of research work carried out under the project, to the Defence Science Journal (DSJ), being published by Defence Scientific Information & Documentation Centre (DESIDOC/DRDO), Metcalf House, Delhi-110054.

13. **RTI Act 2005:-**

i) The grantee institutions shall not disclose any information Under RTI Act 2005, as DRDO is placed under second schedule and is exempted from disclosure of information under Sec 24(i) of the act except information pertaining to the allegations of corruptions and human right violations.

ii) In case any application is received by the grantee institution for seeking information pertaining to DRDO project under RTI act 2005, it may not be replied to directly and the same transferred to CPIO, DRDO HW for necessary action under section (63) of RTI act at the following address:  
314A, 'B' Block, RTI  
DRDO Bhavan, Rajaji Marg, New Delhi-110011

14. **Progress Review Mechanism: -**

(a) Review of the progress would be carried out by the Panel Coordinator and the Specialist panel members in the team. Annual progress will be reviewed by the Board.

(b) On completion of the project, a meeting will be arranged by the Panel Coordinator for presentation by PI in consultation with respective panel members, Scientists of the user lab and Secretary AR&DB for final review of the project and application/dissemination of the project outcome.

15. **Closure Report:-** Closure Report containing hard and soft copies of the technical report, data and know how alongwith the information required in the enclosed format will be obtained by the Panel Coordinator from the PI within 60 days after completion of the project PDC to verify the report contents along with Statement of Expenditure, Statement of Accounts & Utilisation Certificate as per Annexure III of Grant-in-Aids rules duly audited from the Competent Audit Authority of Institution/organization signed in ink in duplicate.

16. The PCDA (R&D), DRDO HQ Cell, West Block V, RK Puram, New Delhi-110066 will make disbursement of money year wise as sanctioned in para 2 above on submission of contingent bill duly filled and signed by the PI & Institute authority and also countersigned by AR&DB. The expenditure will be debited to Major Head 2080- Defence Services, R & D, Minor Head 004-Research/Research & Development and Code Head 852/02 (AR&DB Grant-in-aid) of Defence Services Estimates.

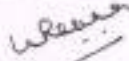
17. **Audit:** The accounts of grantee institute or organization shall be open to inspection by the sanctioning authority and audit, both by the controller & Auditor General of India under provision of CAG (DPC) act 1971 and internal audit by the principal Accounts Office of the Ministry or Department, whenever the institution or Organization is called upon to do so.

18. It is requested that the documents given above at para 5 may be submitted to this office at the earliest for further necessary action.

*W. Ramesh*

19. This is issued with the concurrence of the IFA(R&D), New Delhi vide their U.O. No IFA/R&D/0031/ARDB/2021/945 dated 23 Dec 2021.
20. Sanction Code is DGTM/AR&DB/GIA/21-22/0260 dated 30 Dec 2021.

Encl : As above

  
(Rekha Upadhyay)  
Secretary, AR&DB

Copy to :-

- (1) Principal CDA(R&D), West Block V, RK Puram, New Delhi-110066
- (2) IFA (R&D), DRDO Bhawan
- (3) Dy. Director of Audit, Defence Services, Southern Command, Pune - 411 001
- (4) Principal Director of Audit, Air Force & Navy, 'M' Block, N. Delhi-110 001
- (5) Director of Audit, defence Services, Southern Command , Pune
- (6) Dr. Amol A Gokhale (Chairman, Steering Committee)  
(Former DS & Director, DMRL, Hyderabad)  
Professor, Mechanical Engineering Department, IIT Bombay  
Powai, Mumbai-400076
- (7) Shri PS Krishnan (Panel Chairman, UAS Panel)  
(DS & Ex-Director, Aeronautical Development Establishment)  
CV Raman Nagar PO Bangalore-560075
- (8) Director, NAL, Post Bag no 1779, Bengaluru-560017
- (9) Dr. P V Satyanarayana Murthy, Sr. Principal Scientist, NAL, Post Bag no 1779, Bangalore-560017
- (10) Dr. Rammohan Bhanumurthy, PI, Dayanand Sagar University, Dharwad-580002.
- (11) Ravitez Y P, Co-PI, Dayanand Sagar University, Bengaluru-560114.

Control No: 129 (2021-22)



Prof. Subrahmanya Katte <drsskatte@dsu.edu.in>

---

## Fwd: Contribution Receipt for project from DSU-ProjectID:IN-2021-2-04

1 message

---

**Dr. Rammohan Bhanumurthy** <rammohanb@dsu.edu.in>  
To: "Prof. Subrahmanya Katte" <drsskatte@dsu.edu.in>

Wed, Feb 2, 2022 at 4:23 PM

Dear Professor  
FYI please...

Regards,  
Rammohan

----- Forwarded message -----

From: **Gadgil Hemant (La Fondation)** <Hemant.GADGIL@lafondation3ds.in>  
Date: Thu, Jan 13, 2022 at 7:25 PM  
Subject: Contribution Receipt for project from DSU-ProjectID:IN-2021-2-04  
To: rammohanb@dsu.edu.in <rammohanb@dsu.edu.in>  
Cc: suresh.nagesh@gmail.com <suresh.nagesh@gmail.com>, sandeep-me@dsu.edu.in <sandeep-me@dsu.edu.in>, ravitej-me@dsu.edu.in <ravitej-me@dsu.edu.in>, PILLAI Krishna <Krishna.PILLAI@3ds.com>, SHARMA Sameer <Sameer.SHARMA@3ds.com>

Dear **Dr. Rammohan Bhanumurthy Sir**

**Dayanand Sagar University**

I am happy to communicate, our finance team has informed me that the contribution to **Dayanand Sagar University** has been done by Dassault Systemes Foundation, on **30-Dec-21** through ECS in the bank account communicated by you.

The said contribution amount of **₹ 400,000 (Four Lakhs)** is for project approved as per the agreement document.

Project Title: **Characterisation and Delamination studies on Banana/Baggase fibres with Platic Powder Reinforced Hybrid Epoxy components**

(Ref: **DSF Contract ID: 2021-71, DSF Project ID: IN-2021-2-04**)

Please check and confirm receipt of it. We request your confirmation through email confirming receipts of the funding in the bank account.

Please verify details and print information from the table below on the **Dayanand Sagar University's** letterhead.

and

- 1) Email scanned copy of the signed document
- 2) Courier the original of the signed Contribution Receipt

Stay Safe. Stay Healthy.

Thanks and Regards

-Hemant

**Contribution Receipt to be printed on Dayanand Sagar University's letterhead:**

<p>&lt;To be printed on institute's letter head&gt;</p> <p><b>Contribution Receipt</b></p> <p>Date: -</p> <p><b>Received with thanks</b></p> <p>From <b>Dassault Systemes Foundation</b></p> <p>(a Company incorporated under Section 8 of the Companies Act, 2013, and having its Registered Office at Plot No. 15B, Pune Infotech Park, M.I.D.C. Phase-1, Hinjewadi, Taluka Mulshi, Pune MH 411 057. CIN: U72900MH2017NPL302013. Hereinafter referred to as "<b>DS Foundation</b>")</p> <p><b>Rs. ₹ 400,000 (Four Lakhs)</b></p> <p>By Electronic Transfer (Processing Date: 30-Dec-21)</p> <p>as contribution to support, Project "<b>Characterisation and Delamination studies on Banana/Baggase fibres with Platic Powder Reinforced Hybrid Epoxy components</b>", as per Contribution Agreement between Dassault Systemes Foundation and <b>Dayanand Sagar University</b> dated 15-Dec-21.</p> <p><b>(Ref: DSF Contract ID: 2021-71, DSF Project ID: IN-2021-2-04)</b></p> <p>PAN number of <b>Dayanand Sagar University</b> is _____.</p> <p>Contributions made to <b>Dayanand Sagar University</b> are eligible for Income Tax Deduction u/s 80G of Indian Income Tax Act 1961.</p> <p>Thanking you.</p> <p>With regards,</p>
---

Authorized Signatory

Name and Designation

Stamp and Seal of Authorized Signatory.

**Dayanand Sagar University**

Hemant GADGIL

Executive Director

Dassault Systemes Foundation, India

<http://lafondation.3ds.com/>

Office : +91 20 6793 6604  
[hemant.gadgil@lafondation3ds.in](mailto:hemant.gadgil@lafondation3ds.in)



[lafondation.3ds.com](http://lafondation.3ds.com)

*3DPLM Software Solutions Limited, Plot No.15/B, Pune Infotech Park, MIDC Hinjawadi, Pune 411 057, India*

Hemant GADGIL

Executive Director

Dassault Systemes Foundation, India

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[hemant.gadjil@lafondation3ds.in](mailto:hemant.gadjil@lafondation3ds.in)



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3DPLM Software Solutions Limited, Plot No.15/B, Pune Infotech Park, MIDC Hinjawadi, Pune 411 057, India

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Karnataka, India.  
Tel : +91-80-42201997  
42113566, 26662226  
Fax: 080-42201997, 080-26660789  
Web : www.dsu.edu.in

Ref :

Date :

**Contribution Receipt**

Date: - 14 Jan 2022

**Received with thanks**

**From Dassault Systemes Foundation**

(a Company incorporated under Section 8 of the Companies Act, 2013, and having its Registered Office at Plot No. 15B, Pune Infotech Park, M.I.D.C. Phase-1, Hinjewadi, Taluka Mulshi, Pune MH 411 057, CIN: U72900MH2017NPL302013. Hereinafter referred to as "DS Foundation")

**Rs. ₹ 400,000 (Four Lakhs)**

By Electronic Transfer (Processing Date: 30-Dec-21)

as contribution to support, Project "Characterisation and Delamination studies on Banana/Baggase fibres with Platic Powder Reinforced Hybrid Epoxy components", as per Contribution Agreement between Dassault Systemes Foundation and Dayanand Sagar University dated 15-Dec-21.

**(Ref: DSF Contract ID: 2021-71, DSF Project ID: IN-2021-2-04)**

PAN number of Dayanand Sagar University is AAAJD1151D.

Contributions made to Dayanand Sagar University are eligible for Income Tax Deduction u/s 80G of Indian Income Tax Act 1961.

Thanking you.

With regards,

*B. Ravithra*  
Authorized Signatory  
Name and Designation



Stamp and Seal of Authorized Signatory.  
**Dayanand Sagar University**



Prof. Subrahmanya Katte <drsskatte@dsu.edu.in>

---

## Fwd: Contribution Receipt for project from DSU-ProjectID:IN-2021-2-05

1 message

---

**Dr. Rammohan Bhanumurthy** <rammohanb@dsu.edu.in>  
To: "Prof. Subrahmanya Katte" <drsskatte@dsu.edu.in>

Wed, Feb 2, 2022 at 4:22 PM

Dear Professor  
FYI please...

Regards,  
Rammohan

----- Forwarded message -----

From: **Gadgil Hemant (La Fondation)** <Hemant.GADGIL@lafondation3ds.in>

Date: Thu, Jan 13, 2022 at 7:24 PM

Subject: Contribution Receipt for project from DSU-ProjectID:IN-2021-2-05

To: rammohanb@dsu.edu.in <rammohanb@dsu.edu.in>

Cc: suresh.nagesh@gmail.com <suresh.nagesh@gmail.com>, sandeep-me@dsu.edu.in <sandeep-me@dsu.edu.in>, ravitej-me@dsu.edu.in <ravitej-me@dsu.edu.in>, PILLAI Krishna <Krishna.PILLAI@3ds.com>, SHARMA Sameer <Sameer.SHARMA@3ds.com>

Dear **Dr. Rammohan Bhanumurthy Sir**

**Dayanand Sagar University**

I am happy to communicate, our finance team has informed me that the contribution to **Dayanand Sagar University** has been done by Dassault Systemes Foundation, on **30-Dec-21** through ECS in the bank account communicated by you.

The said contribution amount of **₹ 415,000 (Four Lakhs Fiteen Thousand)** is for project approved as per the agreement document.

Project Title: **Partial Replacement of sand with ecofriendly sustainable material for foundry applications**

(Ref: **DSF Contract ID: 2021-70, DSF Project ID: IN-2021-2-05**)

Please check and confirm receipt of it. We request your confirmation through email confirming receipts of the funding in the bank account.

Please verify details and print information from the table below on the **Dayanand Sagar University's** letterhead.

and

- 1) Email scanned copy of the signed document
- 2) Courier the original of the signed Contribution Receipt

Stay Safe. Stay Healthy.

Thanks and Regards

-Hemant

**Contribution Receipt to be printed on Dayanand Sagar University's letterhead:**

<p>&lt;To be printed on institute's letter head&gt;</p> <p><b>Contribution Receipt</b></p> <p style="text-align: right;">Date: -</p> <p><b>Received with thanks</b></p> <p>From <b>Dassault Systemes Foundation</b></p> <p>(a Company incorporated under Section 8 of the Companies Act, 2013, and having its Registered Office at Plot No. 15B, Pune Infotech Park, M.I.D.C. Phase-1, Hinjewadi, Taluka Mulshi, Pune MH 411 057. CIN: U72900MH2017NPL302013. Hereinafter referred to as "<b>DS Foundation</b>")</p> <p><b>Rs. ₹ 415,000 (Four Lakhs Fiteen Thousand)</b></p> <p>By Electronic Transfer (Processing Date: 30-Dec-21)</p> <p>as contribution to support, Project "<b>Partial Replacement of sand with ecofriendly sustainable material for foundry applications</b>", as per Contribution Agreement between Dassault Systemes Foundation and <b>Dayanand Sagar University</b> dated 15-Dec-21.</p> <p><b>(Ref: DSF Contract ID: 2021-70, DSF Project ID: IN-2021-2-05)</b></p> <p>PAN number of <b>Dayanand Sagar University</b> is _____.</p> <p>Contributions made to <b>Dayanand Sagar University</b> are eligible for Income Tax Deduction u/s 80G of Indian Income Tax Act 1961.</p> <p>Thanking you.</p> <p>With regards,</p>
--

Authorized Signatory

Name and Designation

Stamp and Seal of Authorized Signatory.

**Dayanand Sagar University**

Hemant GADGIL

Executive Director

Dassault Systemes Foundation, India

<http://lafondation.3ds.com/>

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[hemant.gadgil@lafondation3ds.in](mailto:hemant.gadgil@lafondation3ds.in)



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42113566, 26662226  
Fax: 080-42201997, 080-26660789  
Web : www.dsu.edu.in

Ref :

Date :

**Contribution Receipt**

Date: - 14 Jan 2022

**Received with thanks**

**From Dassault Systemes Foundation**

(a Company incorporated under Section 8 of the Companies Act, 2013, and having its Registered Office at Plot No. 15B, Pune Infotech Park, M.I.D.C. Phase-1, Hinjewadi, Taluka Mulshi, Pune MH 411 057. CIN: U72900MH2017NPL302013. Hereinafter referred to as "DS Foundation")

**Rs. ₹ 415,000 (Four Lakhs Fiteen Thousand)**

By Electronic Transfer (Processing Date: 30-Dec-21)

as contribution to support, Project "Partial Replacement of sand with ecofriendly sustainable material for foundry applications", as per Contribution Agreement between Dassault Systemes Foundation and Dayanand Sagar University dated 15-Dec-21.

(Ref: DSF Contract ID: 2021-70, DSF Project ID: IN-2021-2-05)

PAN number of Dayanand Sagar University is AAAJD1151D.

Contributions made to Dayanand Sagar University are eligible for Income Tax Deduction u/s 80G of Indian Income Tax Act 1961.

Thanking you.

With regards,

*B. Ravi Teja*

Authorized Signatory  
Name and Designation



Stamp and Seal of Authorized Signatory.  
Dayanand Sagar University

**All India Council for Technical Education**  
**(A Statutory body under Ministry of HRD, Govt. of India)**  
**Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)**



**IKS Research Projects Scheme - Sanction Letter**

To  
The Drawing and Disbursing Officer,  
All India Council for Technical Education,  
Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Sub:** Release of a sum of **Rs 8,74,100/- (Eight Lakhs Seventy-four Thousand One Hundred Only)** being the **Grant-in-Aid** under **IKS Research Projects Scheme** for the year **2021-2023** payable during the current financial year **2022-23** reg.

Sir,  
This is to convey the sanction of the Council for payment of **Rs. 8,74,100/- (Eight Lakhs Seventy-four Thousand One Hundred Only)** as 1st installment out of the total approved grant-in-aid of **Rs. 16,24,200/- (Sixteen Lakhs Twenty-Four Thousand Two Hundred Only)** to **School of Engineering, Dayananda Sagar University**, under the Scheme **IKS Research Projects Scheme**.

Name of the College,	Dayananda Sagar University	
Permanent ID No.	1-7324150851	
Institute Type,	Government	
Name of the Coordinator,	Dr. Sharatkumar Variyar	
Title of the Project,	Production of coloured cotton using ancient chemical formulations taken from the Sanskrit text Vishvavallabha	
Ref of Policy File Number,	<b>AICTE/IKS/RFP2/2021-22/02</b>	
Sanctioned Amount	Rs. 16,24,200/-	
Salaries:	Rs. 636000/-	
Equipment:	Rs. 124000/-	
Travel & Others:	Rs. 864200/-	
Grant to be released in first installment	Rs. 8,74,100/-	
Grant to be released in second installment/ Reimbursement.	Rs. 7,50,100/-	

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the Institute through RTGS.
2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The sanctioned amount is debit to the Plan **Head 604.1 of IKS Research Project Scheme** and is valid for payment during the financial year **2022-23**.

**The instructions/guidelines to be followed by University/Institution**

**I. Release of funds and maintenance of accounts**

- a. The Principal of the institute and the PI of the project are requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

<b>Institute PAN No.</b>	<b>Bank Name</b>	<b>Bank Branch Name</b>	<b>Bank Branch Address</b>	<b>Account Holder Name</b>	<b>Account Type</b>	<b>Account Number</b>	<b>IFSC Code</b>
AAAJD1151D	Bank of Baroda	Dayananda Sagar College Bangalore Urban - 560078	Shavige Malleshwara Hills, 91st Main Road, Kumaraswamy Layout, Bengaluru 560078	Dayananda Sagar University	Saving	74370100004082	BARB0VJDASC

In case of any omission the same should be reported to AICTE immediately.

- b. The Institute shall strictly follow the provisions laid down in the scheme document and sanction order **F.No: AICTE/IKS/RFP2/2021-22/02**, issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- c. Funds covered by this grant shall be kept separately and would not be mixed up with other funds.
- d. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure. (list enclosed).
- e. Any change in the equipment recommended/sanctioned shall not be acceptable in any circumstances without prior approval.
- f. Any expenditure above the sanctioned amount of grant is to be incurred from Institute's own funds.
- g. The institute/University shall not charge overheads more than 5% on this project and will provide all the administrative support for completion of the project.
- h. The accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

**II. Disbursement of funds to institutions**

- a. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.
- b. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.
- c. The sanctioned amount will be released in two installments. Second installment will be released only on satisfactory progress as assessed by the review of the annual progress report and submission of the Utilization Certificate (UC). The UC and other requisite documents are to be submitted within one month of the completion of the project.

**III. Submission of documents by university/institution**

- a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program: -
- (i) The **Annual Progress Report (APR)** in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to IKS Division of MoE @AICTE not later than 1<sup>st</sup> February of 2022 for year one.
  - (ii) A **Mid-Year External Review (MER)** will be conducted in the year to assess the progress of the IKS Research Project in relation to the outputs and outcomes proposed by the PI in the project proposals. The MER will provide inputs to PI for completing the tasks on time as per the original project proposal objectives.
  - (iii) The **Annual External Review (AER)** of the IKS Research Project will be conducted by the IKS Division in the Month of February 2022 and 2023 for Years 1 and 2 respectively.
  - (iv) The MER, AER and APR will be submitted in the prescribed format which will be shared with the PI's at least one month before the assessment.
  - (v) The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the IKS Division of MoE @AICTE immediately at the end of every financial year. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address.
  - (vi) **Project Completion Report (PCR)** in the prescribed format along with the copies of invoice/bills for the equipment purchased and copy of stock entry register where entry of the equipment has made duly verified. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council. Photocopies of formats are enclosed
- b. A complete Status Report of the project indicating the activities undertaken, outputs from the research projects including progress

with respect to the objectives proposed in the project, publications, books, conference proceedings and other scholarly outputs, patents filed/issued, number of students benefited, laboratory works photographs of students, is to be submitted.

- c. The funding for year two will only be released on favorable MER and AER and the submission of the APR and UC documents on time by the PIs. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favor of the beneficiary institution.
- d. The university/institution is expected to submit the above said mandatory documents viz. Utilization certificate, Expenditure Statement and completion certificate etc. within one month of completion of IKS Research Project. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the institute. Delay in submission of documents after three months of the completion of the IKS Research Project shall invite a penalty of 10% of the total sanctioned amount of the IKS Research Project, to be deducted from the balance amount of 2nd installment. The entire amount of grant already released, along with interest accrued thereon shall be refunded to AICTE if mandatory documents are not submitted by the institute beyond one year.

#### IV. General Instructions

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.
- b. The duration of the project is for two years from the date of release of grant. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time due to extraordinary circumstances, a no-cost extension may be provided for up to a maximum of one year may be provided if the PI submits a strong justification that is acceptable to the IKS division.
- c. If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be returned to AICTE, by way of a demand draft in favor of Member Secretary, AICTE, New Delhi.
- d. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the IKS Research Project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favor of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the **File No: AICTE/IKS/RFP2/2021-22/02** in your future correspondence.
- e. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. **GFR-19**.
- f. All the equipment procured through the project should be super scribed with IKS Division of MoE at AICTE project file number.
- g. The assets acquired wholly or substantially out of IKS Division of MoE at All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education and should at any time the institution cease to function, such assets shall revert to the All India Council for Technical Education.
- h. GoI GFR rules should be followed during utilization of grant. URL address <https://iksindia.org/>

#### V. List of Equipment approved:

Name of Equipment
1. Testing equipment
2. Microscope

Yours sincerely,

-sd-

(Dr. Anuradha Choudry)

Coordinator, IKS

Copy forwarded for information and necessary action to: -

1. Name of the coordinator. Name of the Institute & Address

To, Dr. Sharatkumar Variyar Dayananda Sagar University, 48/1, Hongasandra Village, Kudlu Gate, Hosur Main Road, Bengaluru 560114.
---



Ref: CRS/2021-22/04/620

Date: 24-06-2022

### **Sanction Order**

To,  
The Registrar/Principal/Financial Authority,  
Through Dr. Sreenivasa Rao Amaraneni  
Dayananda Sagar University

**Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle 'Synthesis and characterisation of hybrid ceramic membrane materials and design of photocatalytic reactor for drinking water purification from multiple pesticides: An evaluating the performance study' by Dr. Sreenivasa Rao Amaraneni.**

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. Sreenivasa Rao Amaraneni** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. Shamima Hussain**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	UTR No.
₹Nil	₹30,000	₹15,000	₹45000	2022-04-06	SBIN322109569353
No overheads are available under this scheme					

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2021-22/04/620.**"
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation

for the succeeding year.

6. The release of grants for the subsequent years can be made only upon receipt of funds from UGC towards the scheme. A separate sanction order will be issued for the subsequent years.

7. At the end of the financial year (i.e. by March 31) the PI should submit:

- (i) Utilization Certificate in the format provided at our website for the amount spent and
- (ii) A Statement of Expenditure duly signed by the Registrar/Principal/competent financial authority of your university/institution to the Centre-Director of respective Centre. The release of funds for the subsequent year(s) can only be made after receiving the above documents.

8. The UGC-DAE CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2nd AC train fare visiting a centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR.

#### Rules for selection of a CRS project fellow

The CRS project fellow (if approved) should be made by an open selection procedure as per UGC guidelines. The recruitment procedure should be completed within 3 months after the release of the sanction order. The details for recruitment are given below:

#	Designation	Remuneration	Qualifications
1	CRS Project Fellow (Junior) -I	₹14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject ( <b>for Science</b> ) M.E. / M. Tech. (not earlier than 3 years) 1st Class ( <b>for Engineering</b> )
2	CRS Project Fellow (Senior)-I	₹16,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior) -I</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
3	CRS Project Fellow (Junior)-II	₹31,000 + HRA	<b>Same as (1)</b> + valid (a) National Eligibility Tests- CSIR-UGC NET including lectureship(Assistant Professor) or GATE or(b) A selection process through National level examinations conducted by Central Government Department and their Agencies and Institutions. + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
4	CRS Project Fellow (Senior)-II	₹35,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior)-II</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.
2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.
3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.
4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host

institution of PI.

5. Appointment of student in the project is not permitted in the second or third year of the project.
6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective Centre.
7. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR.
8. Contingency fund to be utilized for computational work, purchase of stationary and other consumables pertaining to the concerned project. No grant is allocated for any capital equipment/asset.

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. Sreenivasa Rao Amaraneni, Dr. Shamima Hussain, AO for remittance of funds



Administrative Officer-II  
(UGC-DAE CSR)

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012  
Website: [www.kscst.org.in](http://www.kscst.org.in) || Email: [spp@kscst.org.in](mailto:spp@kscst.org.in) || Tel: 080-2334 1652,2334 8848/49/40

## 45<sup>th</sup> series of Student Project Programme (SPP): 2021-22

### List of Student Project Proposals Approved for Sponsorship

#### 43. DAYANANDA SAGAR UNIVERSITY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	BUDGET RECOMMENDED
298.	45S_MSc_110	DEVELOPMENT OF NOVEL PERVAPORATION MEMBRANES FOR THE SEPARATION OF BIOBUTANOL: "TO BE A VIABLE NEXT GENERATION BIOFUEL"	M.Sc	BIOCHEMISTRY	Dr. SANTOSH CHOUDHARI	Ms. MANASA A Ms. YUKTI H S	8,000.00
299.	45S_BE_4805	MACHINE LEARNING BASED DEPRESSION ANALYSIS USING ELECTROENCEPHALOGRAPHY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. RAJESH T M	Ms. SRINISHAA P Ms. SNEHA BS Mr. DHEERAJ N G Mr. ASHMIT DASH	6,000.00
300.	45S_BE_2631	DESIGN AND EXPERIMENTATION OF A LOW-COST EXERTION GAUNTLET FOR LYMPHEDEMA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PUSHPA MALA S	Ms. LARA J Ms. ILI SANDHYA Ms. NIKHITA B JALIHAL Ms. SHILPA D P	8,000.00
301.	45S_BE_2961	AUTOMATIC TYRE PRESSURE AND METAL DETECTION SYSTEM IN FOUR WHEELER	B.E.	MECHANICAL ENGINEERING	Prof. SANDEEP M J	Mr. KRISHNA SHARMA V Ms. MEGHANA S S Mr. PAVAN B U Ms. VAISHNAVI VIJAY	8,000.00
302.	45S_MSc_014	BIOREMEDIAL APPROACH FOR SYNTHETIC MALACHITE GREEN DYE FROM THE INDUSTRIAL EFFLUENTS BY POTENTIAL DYE DEGRADING BACTERIA	M.Sc	MICROBIOLOGY	Dr. MANJULA NG Dr. SHILPA BM	Ms. GITARTHA SARMA Ms. KALPITHA M KUMAR Ms. PRATHIMA GADDI Mr. SREEKANTHA ATHREYA	12,000.00

#### Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at [spp@kscst.org.in](mailto:spp@kscst.org.in).

#### Transaction Details:

NAME OF THE ACCOUNT	DATE OF TRANSACTION	DESCRIPTION	TRANSFERRED AMOUNT
DAYANANDA SAGAR UNIVERSITY	19-05-22	NEFT DR- P139220170115986- DAYANANDA SAGAR UNIVERSITY-	42,000.00

Date: 24-12-2021

To,  
Praveen Kulkarni  
Department of Computer Science Engineering  
School of Engineering  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development of "SYSTEM AND METHOD OF CLASSIFYING EGG-CARRYING FISH" developed by Praveen Kulkarni Rajesh T M, and Dr. Shaila S G, Department of Computer Science Engineering, School of Engineering, Dayananda Sagar University

Terms & Conditions

1. Date of Support: 24-12-2021
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 08-11-2021

To,  
Dr. Gayathri K M  
Department of Electronics and Communication Engineering  
School of Engineering  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B, 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to support product development on "Prediction to a Rover and Machine and Analysis of Crop related diseases on Farm Land using Learning" developed by Dr. Gayathri K M, Department of Electronics and Communication Engineering, School of Engineering, Dayananda Sagar University

Terms & Conditions

1. Date of Support: 08-11-2021
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


Date: 08-11-2021

To,  
Puneeth S,  
Department of Electronics and Communication Engineering,  
Dayananda Sagar University

**Sub: Financial Support for the Patent and product development**

AIC-DSU Innovation Foundation Campus, Garvebhavipalya, located at No 48/1, Block B. 3rd Floor, Innovation represented Hongasandra Village, Hosur Road, Bangalore 560068 by AIC-DSU Innovation Foundation agrees to Incubate TRISX TECHNOLOGIES PRIVATE LIMITED, mentored by Puneeth S, Department of Electronics and Communication Engineering, Dayananda Sagar University. TRISX Technologies also seeks opportunities to work with ISRO in developing nanosatellites with NavIC system and provide India with its own reliable GPS systems and step ahead in making India an "AATMNIRBHAR BHARAT"

Terms & Conditions

1. Date of Support: 08-11-2021
2. Administrative support for Patent filing
3. Base Internet bandwidth of 1 Mbps on a 1:1 fibre leased line
4. Mentoring and other services as and when provided by AIC-DSU

Yours Sincerely,

  
AIC-DSU INNOVATION FOUNDATION  


From: Mukti Chaturvedi  
Sent: 06 July 2022 14:12  
To: dsulibraryxerox@gmail.com  
Subject: Fwd: offer letter of SFRF-2022

Regards,  
Mukti Chaturvedi

----- Forwarded message -----

From: **Coordinator Qip Cep** <qipcep.admin@admin.iitd.ac.in>  
Date: Sat, 21 May 2022, 16:42  
Subject: offer letter of SFRF-2022  
To: <cmukti-ece@dsu.edu.in>  
Cc: Sheela Koli <ird11172@ird.iitd.ac.in>

**Mukti Chaturvedi**

**Dayananda Sagar University, Innovation Campus, Kudlu Gate, Hosur Road, Bangalore-560068**

Dear Faculty Fellow,

Greetings from CEP IIT Delhi!

We are glad to inform you that you have been selected for the Summer Faculty Research Fellow Programme-2022.

Please note as a precautionary measure to curtail the spread of COVID-19, the preferred mode of delivery is online; however, it's up to the discrete of the faculty mentor to opt for the mode of delivery between ONLINE or ON-CAMPUS as per the requirement of course content and feasibility.

*You are requested to confirm your acceptance and proposed date of joining at the earliest.*

Your Faculty Mentor is **Prof. Abhishek Das, Mechanical Engineering IIT Delhi**, you can contact him/her at e-mail: [abhi@mech.iitd.ac.in](mailto:abhi@mech.iitd.ac.in).

**The following must be noted please:**

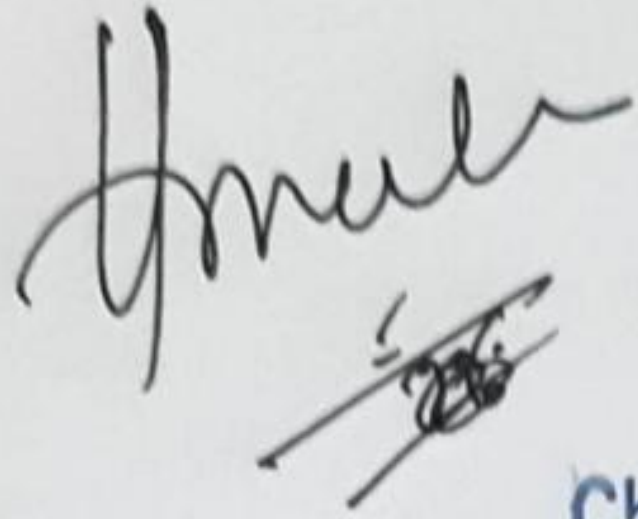
- If you have not shared the No Objection Certificate (in original) yet, your selection will remain PROVISIONAL. You are expected to share the original "No Objection Certificate (NOC)" from your college/institution, at the earliest to the CEP office through Speed Post or Courier Service.
- The duration of the programme is for approximately 6-8 weeks. It is expected that the Faculty Fellow must spend MINIMUM SIX WEEKS during June – July 2022.
- CEP unit will issue participation certificates to you after getting a satisfactory report from the IIT Delhi faculty mentor.
- In case, if the mentor allowed you to complete the programme in CAMPUS, Hostel Accommodation with basic facilities will be arranged on a payment basis.

- No TA/DA will be provided by CEP office, IIT Delhi.

Best wishes for the knowledgeable and fruitful SFRF-2022.

-sd-

**Prof. Manav Bhatnagar**  
Associate Head QIP/CEP  
QIP/CEP office, IIT Delhi



**Chairman,**  
Dept. of Electronics and Communication Engineering  
School of Engineering,  
Dayananda Sagar University,  
Kudlu Gate, Hosur Main Road,  
Bengaluru - 560 068



Abo Akademi University  
Johan Gadolin Process Chemistry Centre  
Laboratory of Molecular Science and Engineering  
Henriksgatan 2  
FI-20500 Turku/Åbo, Finland



Turku/Åbo 23.2.2022

Dr.Sreenivasa Rao Amaraneni,  
Associate Professor in Dept.of Chemistry  
School of Engineering  
Dayananda Sagar University  
Kudlu Gate, Hosur Main Road  
Bangalore-560068, India  
Phone: 09972735264  
E-mail: sramaraneni-chem@dsu.edu.in  
sramaraneni@yahoo.com

Dear Dr. Sreenivasa Rao Amaraneni,

Your visiting scholar applications for Spring 2022 was approved by the EACH academic board and I would like to invite you to teach (total: 22.5 h) in our course *Applied Analytical Chemistry* during the time 15.4-29.5.2022.

As a compensation for your teaching we will provide you a honorar of 2500 EUR. We will also cover your travel costs to and from Finland and your accommodation in Turku during your stay.

Accomodation has been reserved for you (15.4.2022-29.5.2022) at the *Guesthouse Villa Hortus* which is situated at the university campus (address: Horttokuja 3, FI-20500, Turku/Åbo, Finland), only 5 min walk to our teaching and research facilities.

I am looking forward to welcoming you in Turku in April 2022.

Yours sincerely,

Johan Bobacka  
Professor of analytical chemistry  
EACH academic board member

FILE NO. PDF/2019/003147

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(a statutory body of the Department of Science &amp; Technology, government of India)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110070

Dated: 08-Jan-2020

**ORDER**

Subject: Financial Sanction under National Post-Doctoral Fellowship to **Dr. Prashantha Kumar HG**, under the mentorship of **Nilesh Jayantilal Vasa**, at **Indian Institute Of Technology Chennai**, I.i.t. Post Office **Chennai, Chennai, Tamil Nadu-600036**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 22,36,800/- (Rs. Twenty Two Lakh Thirty Six Thousand Eight Hundred Only)** for a duration of 24 months.

The date of start of the fellowship is effective from the date of joining in the host institute .

The items of expenditure for which the total allocation of **Rs. 22,36,800/-** has been approved are given below:

Sl. No.	Budget Head	Amount
1.	Fellowship	<b>Rs. 16,36,800</b> ( @55,000/- per month and 24 % HRA share (consolidated))
2.	Research Grant	<b>Rs. 2,00,000/-</b> per annum
3.	Overheads	<b>Rs. 1,00,000/-</b> per annum

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 11,18,400/-** (Rupees Eleven Lakh Eighteen Thousand Four Hundred only) under 'Grants-in-aid General' to **Indian Institute Of Technology Chennai, I.I.T. Post Office Chennai** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to

**Fund for Science & Engineering Research (FSER)**

**This release is being made under National Post Doctoral Fellowship (N-PDF). (Engineering Sciences)**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/8599/2019-2020** dated **08 January, 2020**

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

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

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

8. The release amount of **Rs. 11,18,400/-** (Rupees Eleven Lakh Eighteen Thousand Four Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

<b>PFMS Unique Code</b>	<b>IITM</b>
<b>Account Name</b>	<b>The Registrar, Indian Institute of Technology-Madras</b>
<b>Account Number</b>	<b>2722101016150</b>
<b>Bank Name &amp; Branch</b>	<b>Canara Bank Canara Bank, IIT Madras Branch, IIT-Madras campus Post office, Sardar Patel Road, Adyar, CHENNAI-600036</b>
<b>IFSC/RTGS Code</b>	<b>CNRB0002722</b>
<b>Email id of A/C Holder</b>	<b>deancsr@iitm.ac.in</b>
<b>Email id of PI</b>	<b>prashanthakumar.hg@gmail.com</b>

<b>Email id of Mentor</b>	<b>njvasa@iitm.ac.in</b>
---------------------------	--------------------------

9. The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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

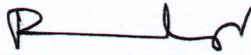
11. The File no. **PDF/2019/003147** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

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

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

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

  
(Dr. Ramesh Vijayan)  
SCIENTIST-C  
drvramesh@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p><b>Dr. Prashantha Kumar HG</b> <b>Department of Engineering Design</b> <b>Indian Institute of Technology Chennai, I.i.t. post office chennai, Chennai, Tamil nadu-600036</b> <b>Email: prashanthakumar.hg@gmail.com</b> <b>Mobile: 919843969404</b></p> <p><b>Nilesh Jayantilal Vasa</b> <b>PROFESSOR</b> <b>DEPARTMENT OF ENGINEERING DESIGN</b> <b>Indian Institute of Technology Chennai, I.i.t. post office chennai, Chennai, Tamil nadu-600036</b> <b>njvasa@iitm.ac.in</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>Dean (IC-SR),</b> <b>Indian Institute Of Technology Chennai, I.I.T. Post Office Chennai</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Ramesh Vijayan)  
SCIENTIST-C  
drvramesh@serb.gov.in

**No. SB/S9/Z-13/2015**  
**SCIENCE AND ENGINEERING RESEARCH BOARD**  
**(A Statutory Body of Department of Science & Technology, Government of India)**

3<sup>rd</sup> & 4<sup>th</sup> Floor, S&T Block – II  
Technology Bhawan  
New Mehrauli Road  
New Delhi – 110 016

Dated **16 December 2021**

**OFFICE MEMORANDUM**

**Subject:** National Postdoctoral Fellowship (NPDF) of Science and Engineering Research Board – Extension of Fellowship of 2019 Batch NPPDFs due to COVID 19 Impact

Attention is invited to the Office Memorandum (O.M.) of even no. dated 9 April 2021 issued by the Science and Engineering Research Board (SERB) on extension of Fellowship due to lockdown. The matter has been further considered and taking note of the impact of COVID-19 on the planned research work of National Postdoctoral Fellows (NPPDFs), SERB has approved extension of the tenure of the Fellowship of 2019 Batch for a period up-to six months with fellowship. The extension will allow the NPPDFs to complete the work as originally planned and suffered due to COVID-19 Pandemic.

2. The extension is applicable to NPPDFs who were selected through the call for applications made in the year 2019 (2019 Batch of NPPDFs) in all disciplines. The Fellows who fall in the above-mentioned category and desire to seek extension should provide the details of research work which specifically got affected due to the impact of COVID-19. The extension request along with recommendations of the mentor should be endorsed by the host institution. Fellowship at the existing rate will be given to the fellows but no additional research grant or overhead charges will be provided during the extended period.

3. This issues with the approval of Chairman, SERB vide Dy. No. ER-263475 dated 15.12.2021.



**Under Secretary, SERB**  
**Tel No. (011) 2651 1093**

**Copy to:**

1. Programme Coordinators / Member Secretaries
2. PS to Secretary, SERB
3. PPS to Secretary, DST / Chairman, SERB
4. Director, SERB
5. SERB Web portal

## Email communication regarding SRF selection of Mukti Chaturvedi

----- Forwarded message -----  
From: <sumfel@ias.ac.in>  
Date: Wed, May 20, 2020 at 12:12 PM  
Subject: SRF Selections - 2020  
To: <cmukti-ece@dsu.edu.in>

Ms Mukti Chaturvedi  
No. 229, 5th Cross, [Celebrity Paradise Layout](#)  
Doddathogur, Electronics City  
Bengaluru 560100 (Karnataka)

Dear Ms Mukti,

This has reference to your application ENGT143 for an IASc-INSa-NASi Summer Research Fellowship in 2020. We are happy to offer you a Fellowship to work for two months during this summer subject to verification of your marks as stated by you in the application with the marks sheets. You will be working with Prof. Sukumar Mishra, Indian Institute of Technology, New Delhi (e-mail: [sukumar@ee.iitd.ac.in](mailto:sukumar@ee.iitd.ac.in), [sukumariitdelhi@gmail.com](mailto:sukumariitdelhi@gmail.com)).

We have tried as far as practicable to assign you to a guide who works in your area of interest. Where that has not been possible, you will work with the assigned guide in a related area that will be determined by the guide, and trust that the experience will be fruitful to you. We will not be able to make any change in this regard.

This Fellowship is subject to the following norms:

- \* The duration of the Fellowship is eight weeks (56 days - including Sundays and General Holidays), and is not to be reduced. Due to Covid-19 Pandemic, this year it has been decided to allow Summer fellows to work for atleast 6 weeks if they cannot undertake 8 weeks fellowship.
- \* You will be provided a III-tier A/c train fare from Bengaluru to IIT, New Delhi and back.
- \* You will be paid a Fellowship of Rs. 18750/- per month towards your boarding, lodging and local transport expenses\*.
- \* For all those working in institutions in New Delhi, INSA will coordinate in making the accommodation arrangements at IIT - New Delhi and Miranda House (for girls) during mid-May to mid-July subject to availability. Those working during other period are requested to make their own accommodation arrangements. Dr (Ms) Seema Mandal will act as the co-ordinator and she can be contacted by e-mail ([sci-soc@insa.nic.in](mailto:sci-soc@insa.nic.in)), off. Tel. (011) 2322 1931 to 1950 [Ext. 459]. You are requested to contact Dr Mandal for all accommodation related enquiries.

Please also go through carefully & comply with all the instructions given in the attached sheet.

You are advised to get in touch with Prof. Mishra immediately to work out the exact period of your visit. In the meantime, please communicate with Mr C S Ravi Kumar, Coordinator, Science Education Programme, your acceptance of this Fellowship. We would need a joining report from you upon your arrival, and a brief report of your work at the end of four weeks so that your Fellowship for the first month can be paid. After the receipt of the final report, we shall release the remaining amount due to you along with your travel fare.

We urge you to convey your acceptance of this fellowship within 7 days by both online (the userid and password given at the bottom of the email) as well as by returning the Form of Acceptance posted to you. Even if you are not able to accept the fellowship, this should be communicated to the Academy immediately (both by email: [sumfel@ias.ac.in](mailto:sumfel@ias.ac.in) with a cc to your guide; and in the Form of Acceptance) so that the fellowship can be offered to another candidate in the waiting list.

With best wishes,

Yours sincerely,

Professor M.R.N. Murthy  
Chairman, Joint Science Education Panel, IASc

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Dayananda Sagar  
University

**4<sup>th</sup> INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND  
COMMUNICATION (ICICC-2020)**

**18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> SEPTEMBER, 2020**

**Organized by**

**Department of Computer Science and Engineering & Department of Computer Science and Technology  
School of Engineering, Dayananda Sagar University, Bengaluru, India.**

**Best Paper Award**

*This is to certify that Prof./Dr./Mr./Ms. **Lavanya B Koppal** of **Dayananda Sagar University, Bengaluru** received a "BEST PAPER AWARD" for presenting a paper titled **An Efficient Framework to Bifurcate Healthy and Diseased Vegetables and Fruits using Multimodal Approach Paper ID: 310** in ICICC-2020 held at **Dayananda Sagar University, Bengaluru, India.***

**Dr. S. C. Satapathy**  
General Chair

**Dr. M. K. Banga**  
Organizing Chair