

Vidya Academy of Science & Technology

(A unit of Vidya International Charitable Trust)

Thalakkottukara PO, Thrissur, Kerala, India, Pin- 680 501

Phone: +91-4885-287751, 287752, Fax: 288366

Authentication certificate

3.1.1 - This is to certify that the total number of grants received from government and non government agencies for research projects in the institution during the assessment period 2018 - 2023 is Rs.18.21lakhs

Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number	0.39	0	1.00	9.44	7.38

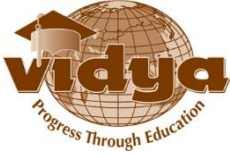


PRINCIPAL

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY

Thalakkottukara. P.O.

Thrissur - 680501



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(A unit of Vidya International Charitable Trust)

Thalakkottukara PO, Thrissur, Kerala, India, Pin- 680 501

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Institutional Data

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government / non-Government)
Microbe induced Calcium Carbonate precipitate mediated Brick Manufacturing	Dr. Anjali P Sasidharan, Ms. Chithira Ajeeth	Department of Civil Engineering	2022-23	0.39	1 year	CERD	Government
AICTE SPICE CLUB	Dr. Sudha Balagopalan, Mr. Amal Ganesh	Department of Electrical and Electronics Engineering	2020-21	1.00	1 year	AICTE	Government
KMRL-HRMS-PROJECT	Aswathy R Nair	Department of Computer Science and Engineering	2019-20	9.44	10 months	Kochi Metro Rail Limited	Government
Prediction of Process induced deformation and residual stresses in FRP composite laminates	Dr. Sooraj K Prabha, Mr. Praveen A P	Department of Mechanical Engineering	2018-19	7.38	4 Years	RESPOND, ISRO	Government



Anje

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Microbe Induced Calcium Carbonate Precipitate Mediated Brick Manufacturing



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**APJ Abdul Kalam Technological University
Thiruvananthapuram**

Abstract

APJAKTU - Financial Assistance to Student Projects 2022-23 - Administrative Sanction accorded - Orders issued.

RESEARCH SECTION

U.O.No. 672/2023/KTU

Thiruvananthapuram, Dated: **18.03.2023**

- Read:-*
1. Minutes of the 1st meeting of Engineering Research Council dated 27.01.2010.
 2. Minutes of 2nd meeting of Executive Committee dated 21.10.2010.
 3. Meeting of the 2nd Research Council dated 29.02.2017.
 4. Proposals of Student Projects for Financial Assistance.
 5. Screening Committee meeting held on February 2023 for evaluation of project proposals.

ORDER

Vide paper read 1st above, the Engineering Research Council had approved the scheme for Financial Assistance to Student Projects for the Government Engineering Colleges. Vide paper read 2nd above, it was decided to extend the financial assistance to the student projects to the students of the Government aided and Government Controlled Engineering Colleges.

It was decided to extend the financial assistance to Student Projects for all engineering colleges affiliated to the University with NBA accreditation as per paper read 3rd above. It was also decided that the financial assistance will be provided as reimbursement of expenditure occurred for the sanctioned project.

The Screening Committee meetings held in February 2023 evaluated the project proposals forwarded from Engineering Colleges affiliated to the University and recommended financial assistance to selected proposals as per the List appended.

Administrative sanction is therefore accorded for financial assistance to student project for an amount of ₹46,58,352/- (Forty Six Lakhs Fifty Eight Thousand Three Hundred and Fifty Two only) as detailed in the list attached below. The project shall be completed within a period of 1 year and the project shall be completed with the students who presented the project before the Screening Committee.

The expenditure should be incurred as per the terms and conditions as per Annexure II attached. The amount will be reimbursed to the Principal of the concerned Colleges only after the successful completion of the project and on the production of certified bills & vouchers along with the audited utilization certificate, statement of expenditure and project completion report.

The expenditure shall be met from the Head of Account "**CERD** (Plan) 4181-6307-Innovative Student Project".

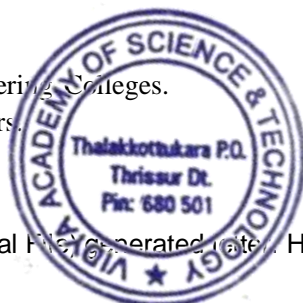
Orders are issued accordingly.

Sd/-

Dr. Shalij P.R * DEAN
(Research)

Copy to:-

1. Principals of Engineering Colleges.
2. Principal Investigators.



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* This is a computer system (Digital File) generated later. Hence there is no need for a physical signature.



Financial Assistance for Innovative Student Project- List of selected Projects 2022-23

135	Dr. Jilse Sebastian Associate Professor Co-Investigator Dr Lijo Paul Associate Professor	Jackson Joy Jobin P J Jobin George Yadukrishna B	Mechanical	Synthesis of photo curable resin from cellulose nanocrystals	32,000	15,000	9,500	2,500	5,000	
136	Dr. Rajesh Baby Associate Professor Co-Investigator Dr.George Tom Varghese	Jeswin Philip Jinish K Reji. Rejoy George Diya Jose	Mechanical	Smart Bed, A self adjustable bed for bedridden patients to prevent bedsore	36,500	10,000	16,500	5,000	5,000	
137	Dr. Bennet Kuriakose Associate Professor	Akshaya Varghese Amrutha Shaji Diyana Tomy Jomet Thomas	Civil	SELF HEALING CONCRETE USING BACTERIA FROM COWDUNG	50,000	42,500		2,500	5,000	
138	Divya Sunny Assistant Professor	Sathwik P Nair Rajat Mathew Noel Jacob	CSE	SpecAssist - Live transcribing smart glasses	18,835		14,835	2,000	2,000	

Vidya Academy of Science and Technology, Thrissur

SI No	Name of Principal Investigator	Name of Student Investigators	Branch	Title of the Project	Amount Sanctioned	Consumables	Equipments	Travel	Contingency	
139	Dr. Anjali P Sasidharan Assistant Professor Co-Investigator Chithira Ajeeth Assistant Professor	Rahna K Rajeev John J Emmatty Helma Mariya Davis	Civil	Microbe Induced Calcium Carbonate Precipitate Mediated Brick Manufacturing	39,000	25,000	4,000	5,000	5,000	



Anjali P Sasidharan

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Thrissur - 680501



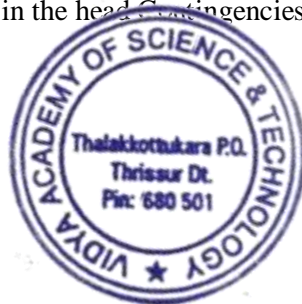
Annexure II

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Terms & Conditions for Financial Assistance to Student Projects

1. The amount has to be utilized as per budget provision under each head.
2. The purchase of equipments shall be in accordance with the store purchase rules. All equipment purchased will be the property of the University and the stock entry of the items purchased shall be maintained in the College. Purchase of computers/peripherals is not allowed unless specifically mentioned in the sanction order.
3. The stock entries of consumables purchased shall also be done in the consumables stock register of College. Purchase of stationery shall be for project purpose only. Printing charges for multiple copies of the project report will not be admissible.
4. The maximum duration of the project is one year from the date of sanction. It is the discretion of the University to settle amount towards the purchase of those items not clearly mentioned, if any, in the project proposal.
5. On completion of the project, detailed report of the research work, audited statement of accounts Utilization Certificate and Expenditure Statement in the prescribed format duly attested by the head of the institution along with original bills towards expenditure incurred with payment certificate of the Principal Investigator shall be submitted within one month of completion of the project for reimbursement of expenditure. The Bank Account details of the Principal shall be submitted along with the request for reimbursement. Requests for reimbursement shall not be considered after the date of submission of documents as above.
6. For reimbursement of expenses under the head **Travel**, Train tickets/Bus tickets/Taxi receipts, in original, affixing payment certificate of the Principal Investigator specifying the purpose of travel with actual distance of journey and fare shall be submitted.
7. On all publications resulting from the finding of the research/project, due acknowledgement shall be given to the University.
8. Book or literature purchased, if any, should be taken into the Stock Register of Central Library or Department library and then distributed to the investigators.
9. The expenditure under the head **Others** is admissible as per the budget proposed. All other expenditure has to be included in the head Contingencies.

Title of Project




Signature of Principal

PRINCIPAL
Investigator Name:
VIDYA ACADEMY OF SCIENCE & TECHNOLOGY

Office address:
Thalakkottukara, P.O.
Thrissur - 680501

AICTE SPICE CLUB



A handwritten signature in green ink, appearing to be "Anil".

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Thrissur - 680501

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



SPICES - Sanction Letter

F.No. 10-193/AICTE/IDC/SPICES/2020-21

Dated: **05.03.2021**

To

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

Subject: Release of a sum of **Rs. 1,00,000/-** (Rupees One lakh only) as **Grant-in-Aid** under **AICTE-SPICES** for the year 2021-22 payable during the current financial year 2020-21 reg.

Madam/Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs. 1,00,000/-** (Rupees One lakh only) to support the student club/chapter/society (**hereinafter referred to as 'Club'**) under the "**Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)**", as per details given below:

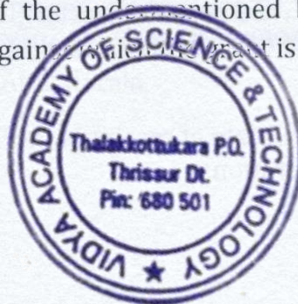
1.	Name and address of the Beneficiary Institute:	VIDYA ACADEMY OF SCIENCE & TECHNOLOGY, KURUMAL THALAKKOTTUKARA P O THRISSUR PIN CODE- 680501 KERALA, Kerala
2.	Permanent ID of Institute:	1-4702181
3.	Name of student club:	Minor Research & Projects Club
4.	Name of Coordinator:	Dr. Sudha Balagopalan
5.	Name of Co-coordinator:	Amal Ganesh
6.	Grant-in-aid Sanctioned:	Rs. 1,00,000/- (Rupees One Lakh only)
7.	Amount to be released during the year 2020-21	Rs. 1,00,000/- (Rupees One Lakh only)
8.	Sanctioned grant-in-aid is debitable to:	Major Head 602.22 (a) General (Non-Plan Head)

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education, New Delhi on the Grant-in-aid bill and shall be disbursed to and credited to the account of Registrar/ Director/ Principal of the institute through RTGS.
- 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.

The instructions/ guidelines to be followed by college/institution

I. Release of funds

- a. The Principal/ Director of the institute and the Coordinator of the student club is hereby requested to verify the correctness of the under-mentioned bank account/ RTGS details submitted by them alongwith the proposal, against which the grant is being released:



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Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATV27 27K	INDIAN OVERSEAS BANK	Thalakkottuk ara	Indian Overseas Bank, Thalakkottukara P.O., Thrissur - 680501, Kerala	Dr. Saji. C.B, Principal	Saving Account	240301000 050102	IOBA00024 03

In case of any omission the same should be reported to AICTE within 7 (Seven) days.

- The full amount of the grant sanctioned is being released as advance to the College/ Institute.
- This sanction is issued in exercise of the powers delegated to the Council and other terms and condition laid down in the guidelines of the Scheme.

II. Limit of Funding

- The grant from AICTE will be Rs. **1,00,000/-** (Rupees One lakh only) and the institute is required to make a contribution of **Rs. (100001 to 200000)** to the club (as committed by the institute in the proposal), non-compliance of which shall invite penal action.

III. Utilization of funds

- Funds once released/sanctioned for supporting the particular student club cannot be utilized for any other programme/ student club.
- Students on roll in the institute shall be the member of the club.
- The grant can be utilized for supporting Interests/Hobbies, Creativity/ Imagination/ Innovation and Ethics/ Value through a range of student activities and meeting the cost of registration and travel (up to 40% of the total grant) of students of the beneficiary club, participating in outstation activities.
- Ex-students and ex- faculty members and other officials of the institute shall not be the member of club.
- The clubs must be encouraged to reach out alumni and industries for fund-raising for their events.
- Coordinator will maintain an electronic record of activities, participants etc..

IV. Maintenance of accounts

- The institute shall strictly follow the provisions laid down in the Scheme document and this sanction letter. All correspondence related to the project must contain the number of this letter alongwith year of sanction of the project failing which correspondence will not be entertained.
- The institute shall maintain proper accounts of the expenditure out of the grant and the Council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant.

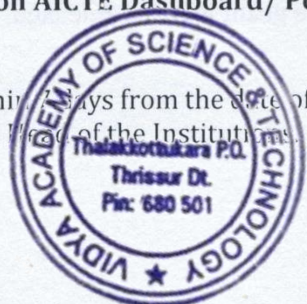
V. Refund of grant to AICTE (by way of a demand draft in favour of Member Secretary, AICTE, New Delhi)

- The grant shall be refunded to AICTE if the Letter of Approval (LOA) or Extension of Approval is not issued by AICTE to the institute for the academic year 2021-22.
- Interest accrued on the grant released, shall be refunded to AICTE.
- No payment is permissible against the activities **already conducted** by club
- As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

VI. Documents to be uploaded on AICTE Dashboard/ Portal

a. On receipt of grant:

- The Acceptance Letter within 7 days from the date of receipt of the Sanction Letter duly signed and seal affixed by Coordinator and Principal of the Institution.



[Handwritten Signature]

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b. After completion of every quarter (from the date of receipt of grant)

- i. Upload the list of activities /events /participation date-wise brief description, achievement and 4-5 pictures.

c. After completion of the project (after one year):

Institute has to fill up and update information on AICTE Dashboard/ Portal and upload following documents:

- i. Photographs showing various activities, events organized by club.
ii. Feed-back of members of the club.
iii. Identify 3 other clubs which the institution proposes to develop on the lines of club benefited under SPICES.

VII. Submission of documents by institute for project closure (after one year)

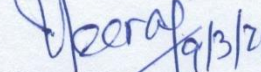
The following documents must be submitted to AICTE within a period of one month, after completion of one year, to stay eligible for receiving further grants from AICTE:

- a. Utilization Certificate and Statement of Accounts in prescribed format duly audited by the Chartered Accountant in the case of a private institution and by the Finance Officer/Account Officer in respect of government/government- aided institution.
b. Supporting bills/documents on account of expenses incurred for the purpose duly attested by the Head of the Institute.
c. Proof of the amount made available by the institution approved by the Council/ University/ State Government and other sources.
d. Soft copy of final report submitted on AICTE Dashboard/ Portal as mentioned above (in section VI).

VIII. General instructions

- a. The assets acquired wholly or substantially of the grants from AICTE shall not be disposed or encumbered or utilized for the purposes other than those for which it was given without proper sanction of the Council and should, at any time the Institution ceased to function, such assets shall revert to the AICTE.
b. The beneficiary institute will make best efforts to promote the scheme by mentioning the sponsorship/ support from AICTE, carrying the Logo of AICTE in club activities and other means.
c. The beneficiary institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
d. This Sanction Letter may be treated as Offer Letter for all purposes.

Yours sincerely


(Dr. Neeraj Saxena)
Adviser (IDC)

Copy forwarded for information and necessary action to:

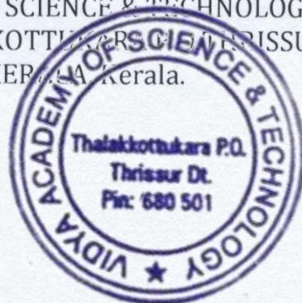
1. Dr. Sudha Balagopalan,


VIDYA ACADEMY OF SCIENCE & TECHNOLOGY,
KURUMAL THALAKKOTTUKARA P O THRISSUR PIN
CODE- 680501 KERALA, Kerala.

2. The Registrar / Director / Principal,

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY,
KURUMAL THALAKKOTTUKARA P O THRISSUR
PIN CODE- 680501 KERALA, Kerala.

3. Guard File.





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KMRL-HRMS-PROJECT



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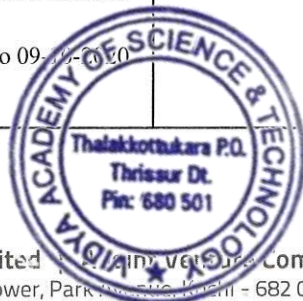
WORK ORDER

To VIDYA INTERNATIONAL CHARITABLE TRUS Vidhya Academy of Science and Technology Talakottukara po Thrissur Kerala India 680501 GST : 32AAATV2727K1ZG	P.O NO	4800000536 dated 07.12.2019
	VERSION	
	RFQ No	
	GST No.	32AAECK5274H1ZL

SUB: Work Order for Technical Manpower Service

With reference to your quotation no. dated we are here by pleased to issue our Work Order.

SL.NO	MATERIAL /SERVICE NO.	DESCRIPTION / HSN CODE	DATE OF COMPLETION	QTY	UNIT	UNIT RATE	TOTAL AMOUNT
00010		Technical Manpower Service	12.10.2020	1.00	AU		
10		10-12-2019 to 09-01-2020 9983		2.00	EA	40,014.78	80,029.56 INR
20		10-01-2020 to 09-02-2020 9983		2.00	EA	40,014.78	80,029.56 INR
30		10-02-2020 to 09-03-2020 9983		2.00	EA	40,014.78	80,029.56 INR
40		10-03-2020 to 09-04-2020 9983		2.00	EA	40,014.78	80,029.56 INR
50		10-04-2020 to 09-05-2020 9983		2.00	EA	40,014.78	80,029.56 INR
60		10-05-2020 to 09-06-2020 9983		2.00	EA	40,014.78	80,029.56 INR
70		10-06-2020 to 09-07-2020 9983		2.00	EA	40,014.78	80,029.56 INR
80		10-07-2020 to 09-08-2020 9983		2.00	EA	40,014.78	80,029.56 INR
90		10-08-2020 to 09-09-2020 9983		2.00	EA	40,014.78	80,029.56 INR
100		10-09-2020 to 09-10-2020 9983		2.00	EA	40,014.78	80,029.56 INR



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Kochi Metro Rail Limited is a joint venture Company of Govt. of India & Govt. of Kerala
 8th Floor, Revenue Tower, Park Avenue, Kochi - 682 011, India | CIN: U60100KL2011SGC029003
 Ph: 0484 2350 455 | Fax: 0484 2380 586 | contact@kmril.co.in | www.kochimetro.org
 Thalakottukara. P.O.
 Thrissur - 680501

SL.NO	MATERIAL /SERVICE NO.	DESCRIPTION / HSN CODE	DATE OF COMPLETION	QTY	UNIT	UNIT RATE	TOTAL AMOUNT
				Taxable Amount			800,295.60 INR
				SGST @ 9.00 %			72,026.60 INR
				CGST @ 9.00 %			72,026.60 INR
				Sub total			944,348.80 INR
<i>Amount in words: Nine lakh forty four thousand three hundred forty eight rupees eighty paise only.</i>				Total Amount			944,348.80 INR

Terms and Conditions

1. KMRL reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly
2. PAYMENT OF SALARIES AND WAGES: Service Provider is required to pay Salaries / wages of contracted staff deployed at buyer location first i.e. on their own and then claim payment from Buyer along with all statutory documents like, PF, ESIC etc. as well as the bank statement of payment done to staff.

Thanking you,



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VIDYA ACADEMY OF SCIENCE & TECHNOLOGY
 Thalakkottukara P.O.
 Thrissur - 680501

**Prediction of Process induced
deformation and residual stresses
in FRP composite laminates**



A handwritten signature in green ink, appearing to be "Anil".

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भारतीय अन्तरिक्ष अनुसंधान संगठन

अन्तरिक्ष विभाग

भारत सरकार

अन्तरिक्ष भवन

न्यू बी ई एल रोड, बेंगलूर - 560 231, भारत

दूरभाष : +91 80 2341 5474

फैक्स : Dr. M.A. Paul

Associate Director, RESPOND & AI
CBPO



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 :

Tel: 080 2341 5269/22172269

FAX:080 -23412471

Email:ddrespond@isro.gov.in

No. **ISRO/RES/3/743/18-19**

February 15, 2019

Dear Dr.Sooraj K Prabha,

Subject: RESPOND Project- "Prediction of process induced deformations and residual stresses in fibre reinforced composite laminates" – reg.

This has reference to the submission of the First Year Annual Progress Report of the above-mentioned RESPOND Project and your request for renewal for Second year of the project. I wish to inform you that, Chairman, ISRO/Secretary, DOS has approved the following:

1. Renewal of the project for the Second Year
2. Release of grant of **₹7.38 Lakhs** (Rupees Seven Lakh Thirty Eight Thousand only) for meeting the expenditure of the project during the Second year (Budget enclosed).
3. Utilization of Unspent balance of **₹0.12 Lakh**

In this context, DOS has already issued Financial Sanction Order (copy enclosed).
Further:

- (a) You will have to submit a comprehensive report (hard copy and soft copy) covering total project activities at the end of the project. The copies of reports should be sent to **Director, VSSC, Thiruvananthapuram (Attn: Shri S Sridharan, RESPOND Coordinator, VSSC, Thiruvananthapuram)** and two copies to the undersigned.
- (b) You will have to submit the Final Fund Utilization Certificate and Audited Accounts 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 560 094 and Director, VSSC, Thiruvananthapuram (Attn: Shri S Sridharan, RESPOND Coordinator, VSSC, Thiruvananthapuram) with a copy to the undersigned.



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You are requested to submit the enclosed grant-in-aid bill and the 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 560 094 with a copy to the undersigned for releasing the grants (to The Principal, **Vidya Academy of Science & Technology**, Thrissur, Kerala) at the earliest.

With Regards,

Yours sincerely,


(M.A. Paul)

Dr. Sooraj K. Prabha
Associate Professor
Department of Mechanical Engineering
Vidya Academy of Science & Technology
Thalakkottukara PO
Thrissur : 680 501
Kerala.

CC: Director, CBPO, ISRO HQ
Director, VSSC, Thiruvananthapuram
Principal, Vidya Academy of Science & Technology, Thrissur, Kerala
Shri Sanjeev Kumar, CMSE, VSSC, Thiruvananthapuram
Shri S Sridharan, RESPOND Coordinator, VSSC, Thiruvananthapuram





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VIDYA ACADEMY OF SCIENCE & TECHNOLOGY
Thalakkottukara. P.O.
Thrissur - 680501

No.DS_2B-13012(2)/15/2017
भारत सरकार/Government of India
अंतरिक्ष विभाग/Department of Space

Antariksh Bhavan
New BEL Road
Bengaluru - 560 094

February 15, 2019

Principal,
Vidya Academy of Science & Technology,
Thalakkottukara P.O,
Thirssur – 680 501,
Kerala.

Sir,

Sub: Grant-in-aid – RESPOND- Release of grant for the ongoing project entitled "**Prediction of process induced deformations and residual stresses in fibre reinforced composite laminates**" – reg.

In continuation of this Department's letters of even number dated 05.07.2017 on the subject mentioned above, I am directed to convey the sanction of the President to a grant of ₹7,38,000/- (Rupees Seven lakh thirty eight thousand only) to meet the expenditure towards the ongoing project entitled "**Prediction of process induced deformations and residual stresses in fibre reinforced composite laminates**" by Vidya Academy of Science & Technology during the second year of the project and also for the following:

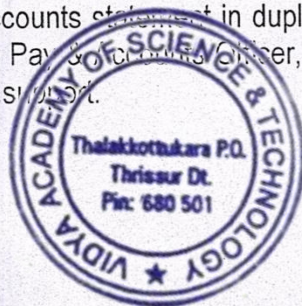
- Renewal of the project for the second year
- Utilisation of unspent balance of ₹12,000/-

2. The amount of ₹7,38,000/- (Rupees Seven lakh thirty eight 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 to this Department's letter of even number 05.07.2017.

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 along with Fund Utilisation Certificate should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of the project.

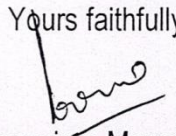


[Signature]
.....2/-

PRINCIPAL
VIDYA ACADEMY OF SCIENCE & TECHNOLOGY
Thalakkottukara P.O.
Thirssur - 680501

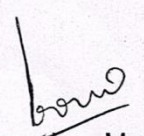
6. The expenditure involved is debitable to the Head "3402.00.103.09.00.31- Space Research- Space Sciences-Respond- GIA-General" - under 'Grant No.91 - Department of Space' for the financial year 2018-2019.

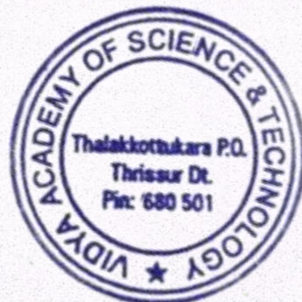
Yours faithfully,

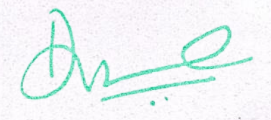

(पूर्णिमा मनोज/Poornima Manoj)
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Director, CBPO, ISRO Hq., Bengaluru
2. The Dy. Director, RESPOND & AI, ISRO Hq., Bengaluru
(Ref No.ISRO/RES/3/743/18-19 dated 11.01.2019)
3. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi
4. The Director, Office of the Director General of Audit, Scientific Departments, Antariksh 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 ₹7,38,000/- (Rupees Seven lakh thirty eight thousand only) in favour of "The Principal, Vidya Academy of Science & Technology" on receipt of the Bill.
8. The Senior Head (Internal Audit), DOS, Bengaluru
9. Accounts Officer, Special Projects, ISRO Hq, Bengaluru
10. Dr. Sooraj K Prabha, Associate Professor, Dept. of Mechanical Engineering, Vidya Academy of Science and Technology, Thalakkottukara, Thirssur -680 501, Kerala.


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

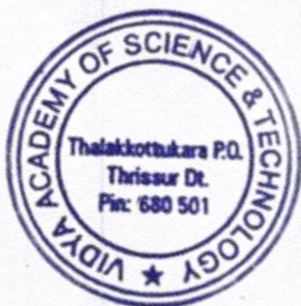



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Thalakkottukara P.O.
Thirssur - 680501

Budget for second year of the project: **“Prediction of process induced deformations and residual stresses in fibre reinforced composite laminates”**
 by Dr. Sooraj K. Prabha, Associate Professor, Dept. of Mechanical Engineering,
 Vidya Academy of Science and Technology, Thalakkottukara, Thrissur, Kerala

(Rs. In Lakhs)

Sl. No	Item of Expenditure	II Yr	Total
1.	Manpower: 1 JRF Rs. 25,000 + 16% HRA per month for the 2 nd Yr	3.48	3.48
2.	Service charges	2.00	2.00
3.	Consumables & Supplies	0.25	0.25
4.	Internal Travel	0.25	0.25
5.	Contingencies	0.25	0.25
	Sub Total	6.23	6.23
6.	Overheads	1.27	1.27
	Total budget for second year	7.50	7.50
	Unspent Balance	0.12	0.12
	Present Release	7.38	7.38



Dr. Sooraj K. Prabha

PRINCIPAL

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 Thalakkottukara P.O.
 Thrissur - 680501