



SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

INDEX

CRITERION: 3.1.1

Total grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
25.20	13.34	28.749	0.36	4.73

2019-2020							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Intelligent post harvest monitoring & controlling system using wireless sensor network	B. Divya (Full Time Research Scholar) under the guidance of Dr. M. Santhi	ECE	2019	300000	24 Months	Tamilnadu State Council for Science & Technology(TNSCST)	Government
MODROBS - Modernization of Communication Laboratory with Software Defined Radio and removal of Obsolescent Equipment	Dr. M. Santhi	ECE	2019	1200000	12 Months	All India Council for Technical Education(AICTE)	Government
Novel Design & Control Strategies and Innovative Technical Practices in LV/HV Modern Switch Gear	Dr.C.Krishnakumar	EEE	2019	300000	1 week	All India Council for Technical Education (AICTE)	Government
Design and Fabrication of Power Electronic Interface for Fixing and Removal of Bearing and Coupling in Mechanical System using Induction Heating.	Dr.C.Krishnakumar and Dr.S.Thamizharasan	EEE	2019	30000	9 Months	The Institution of Engineers(IEI)	Government
Protection and Switchgear	Dr.C.Krishnakumar and Dr.D.Kalyanakumar	EEE	2019	30000	1 week	Anna University	Government
Cutting Edge Technology on Electrical Communication Embedded System and Soft Computing Techniques.	Dr.S.Vijayalakshmi	EEE	2019	500000	3 days	All India Council for Technical Education (AICTE)	Government
BIO medical application using Nano sensor	Dr.M. Shanmugavalli	ICE	2020	30000	2 days	The Institution of Engineers(IEI)	Government
Artificial Intelligence based Smart Building Controller	Ms.K.Ezhilarasi	ICE	2019	7500	6 Months	Tamilnadu State Council for Science & Technology(TNSCST)	Government

Machine Learning Techniques using PyTorch	Mr.A.Anand	IT	2020	10000	1 day	The Institution of Engineers(IEI)	Government
"Comprehensive Analysis of New Composition Cast Single Point Cutting Tool in Machining Various Materials"	Mr.A.Saravanan	MECH	2020	20000	6 months	The Institution of Engineers(IEI)	Government
Experimental Analysis and Optimization of Friction Welding Parameters on Dissimilar Metals"	Dr.N.Baskar Mr.S.Karthikeyan	MECH	2019	25000	6 Months	The Institution of Engineers(IEI)	Government
Performance Investigation On Solar Distillation System using Air Conditioning Unit Reject Water as Working Fluid	Mr.M.Sridharan	MECH	2019	30000	6 Months	The Institution of Engineers(IEI)	Government
Performance Monitoring and Controlling of shell and tube heat exchanger using Internet of Things	Ms.R.S Shivaranjani & Mr.P.Vigneshwar	MECH	2019	30000	6 Months	The Institution of Engineers(IEI)	Government
Design and fabrication of friction welding joint on Aluminium Alloy Grade 6351	Dr.N.Baskar Mr.S.Karthikeyan	MECH	2019	7500	6 Months	Tamilnadu State Council for Science & Technology(TNSCST)	Government
2018-2019							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Recognition of Ancient Tamil Characters from Epigraphical Inscriptions using OCR Technique	M. Merline Magrina (ME Comm Sys) under the guidance of Dr. M. Santhi	ECE	2019	7500	6 Months	Tamilnadu State Council for Science & Technology(TNSCST)	Government
Design of micro grid and grid integration issues of distributed generation	Dr.S.Vijayalakshmi	EEE	2019	30000	2 days	The Institution of Engineers(IEI)	Government
Big data Analytics	Dr. Sumathi Rathnam	IT	2019	300000	1 week	All India Council for Technical Education(AICTE)	Government
"Experimental Investigation on Solar Hybrid Heat Exchanger System" with ID 'PG2019009'	Mr.M.Sridharan	MECH	2018	30000	6 Months	The Institution of Engineers(IEI)	Government

Experimental Analysis, Evaluation and Optimization of Friction Welding Parameters on EN 353 Alloy	Dr.N.Baskar Mr.S.Karthikeyan	MECH	2018	15000	6 Months	The Institution of Engineers(IEI)	Government
Cutting Edge Technology and Contemporary Research in Mechanical Engineering	Dr.N.Baskar & Dr.R.Rekha	MECH	2019	647000	2 weeks	All India Council for Technical Education(AICTE)	Government
“Design and Fabrication of Single Point Composite Tool for Machining various materials”	Dr.N.Baskar Dr.M.Ganesan	MECH	2019	7500	3 Months	Tamilnadu State Council for Science and Technology (TNSCST)	Government
A Paradigm shift in product design & development using CAD/CAM/CAE tools	Dr.G.Jayapraksh Dr.M.Ganesan	MECH	2019	290000	1 week	All India Council for Technical Education(AICTE)	Government
A new Zn(II) complex containing Mannich base ligand: Synthesis,characterization & applications in engineering,energy and environment	Dr.L.Muruganandan	Chemistry	2018	7,500	3 Months	Tamilnadu State Council for Science and Technology (TNSCST)	Government
2017-2018							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Nano sensor for fluid mass flow rate measurement for biomedical application	Dr.M. Shanmugavalli	ICE	2018	2,739,968	36 Months	Department of Science and Technology(DST)	Government
Internat of things in sensor and control application using labview	Dr.M. Shanmugavalli	ICE	2018	10000	2 days	The Institution of Engineers(IEI)	Government
Three axial automated bowler	Ms.Ezhilaisai vallabi	ICE	2018	10000	3 months	Tamilnadu State Council for Science & Technology(TNSCST)	Government
Experimental Investigation on Hybrid Flow Heat Exchanger	Mr.M.Sridharan Mr.P.Vigneshwar	MECH	2018	15,000	6 Months	The Institution of Engineers(IEI)	Government

Application of intelligent techniques in manufacturing processes	Dr.N.Baskar	MECH	2017	100000	2 days	All India Council for Technical Education(AICTE)	Government
2016-2017							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Experimental Investigation and Optimization of Milling Parameters for Machining Aluminium Silicon Carbide Composite using Design of Experiments Approach	Dr.N.Baskar Dr.M.Ganesan	MECH	2016	36,000	6 Months	The Institution of Engineers(IEI)	Government
2015-2016							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Development and Implementation of Simplified Intelligent Controller for a Regulated Autonomous hybrid PV Array Excited Wind driven Induction Generator system with an unbalanced and non-linear load.	Mr.S.Lenin Prakash	EEE	2013	473334	36 Months	All India Council for Technical Education(AICTE)	Government

ACADEMIC YEAR 2019-2020



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம் TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamil Nadu)
Directorate of Technical Education Campus, Chennai - 600 025

Phone : 044 - 2230 1428

Web : www.tanscst.nic.in

Telefax : 044 - 2230 1552

E-mail : enquiry.tanscst.nic.in / ms.tanscst@nic.in

DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA),
Member Secretary

Ref: TNSCST/RFRS/VR/12/2018-19/

7346

dt.28.05.2019

To
B Divya
Research Scholar
Dept. of ECE
Saranathan College of Engg.,
Trichy-620 012

Sir/Madam,

Sub: Programme to bridge the gap in research funding for research scholars
in colleges (RFRS)- Approval – Intimated – Reg.

Ref: Chairman Approval dt.26.03.2018.

With reference to the above, I am happy to inform that the Chairman,
Executive Committee of the Council has approved RFRS funding for your application
as per the details given below:

Title	Amount Rs.in lakh	Duration
Intelligent post harvest monitoring and controlling system using wireless sensor network	3.00	2 years

The terms and conditions of the grant is enclosed. Your acceptance should be
received in our office on or before **09.06.2019**. Prof.V.Ramaswami, Associate
Professor of the Council and Officer in Charge of the above programme (Mobile
Number : 9444743052) may be contacted for clarification, if there is any.

With wishes,

Yours faithfully,


Member Secretary

Copy to: The Principal
Saranathan College of Engg.,
Trichy-620 012

2. Dr. M. Santhi
Prof. and Head, ECE
Saranathan College of Engg.,
Trichy-620 012



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)

Directorate of Technical Education Campus, Chennai - 600 025

Phone : 044 - 2230 1428

Web : www.tanscst.nic.in

Telefax : 044 - 2230 1552

E-mail : ms.tanscst@nic.in/enquiry.tanscst@nic.in

DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).
Member Secretary

Ref: TNSCST/RFRS/VR/12/2018-19/ 7648

06.06.2019

To
The Principal
Saranathan College of Engg.,
Trichy-620 012

Sir/Madam,

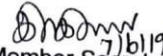
Sub: Programme to bridge the gap in research funding for research scholars
in colleges (RFRS)- Grant release – Reg.

Ref: Chairman Approval dt.26.03.2019.

With reference to the above, Please find enclosed herewith a cheque (No.877136 dt.30.3.2019) for Rs.1.5 lakh (Rupees One lakh and fifty thousand only) towards first year grant for the following RFRS project approved by the Council vide our letter dated 28.05.2019. The terms and conditions of the grant already sent along with our approval letter should be strictly followed. Progress Report as per the format enclosed along with Utilisation Certificate should be submitted to the Council while seeking second year grant. A stamped receipt may be sent immediately in acknowledgement.

With wishes,

Yours faithfully,


7/6/19
Member Secretary

Copy to:

B.Divya
Research Scholar
Dept. of ECE
Saranathan College of Engg.,
Trichy-620 012

Dr.M.Santhi
Prof. and Head, ECE
Saranathan College of Engg.,
Trichy-620 012

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
DOTE Campus, Chennai – 600 025

**Programme to bridge the gap in research funding for research scholars in colleges
(RFRS) Terms and Conditions of the Grant**

- ❖ A Sum of Rs.10000/-p.m. will be provided as stipend for 2 years for the selected research scholar (Rs.10000 x 24 = 240000). An additional sum of Rs.60000/- will be provided towards purchase of chemicals, glasswares, expendable items, travel, contingencies and their expenses related to their research work.
- ❖ The period of Fellowship under RFRS of the Council shall be for a maximum of two years.
- ❖ The period of Fellowship under RFRS of the Council shall start only after completion of one year from the date of registration for Ph.D.
- ❖ Selected research students availing RFRS of the Council should not receive any other fellowship during the period of Council's RFRS.
- ❖ The period of Fellowship under RFRS of the Council shall end with the completion of Ph.D. Balance amount, if there is any, may be returned to the Council through Cheque / D.D. drawn in favor of "The Member Secretary, Tamilnadu State Council for Science and Technology, Chennai – 600 025" at the end of RFRS period along with Utilization Certificate.
- ❖ The claim for Fellowship / additional sum allocated towards other expenses such as purchase of chemicals, glasswares expendable items, travel, contingencies and other expenses related to their research work may be permitted from the second year of registration for Ph.D.
- ❖ The claim for expenses such as purchase of chemicals, glasswares, expendable items, travel, contingencies and other expenses related to their research work may be permitted based on actual expenditure upon verification of bills, vouchers etc / as per the procedure of the Parent Institute.
- ❖ Any publication brought out of the research work supported under RFRS of the Council should duly acknowledge the Council as "Catalyzed and financially supported by Tamilnadu State Council for Science and Technology, Dept. of Higher Education, Government of Tamilnadu."
- ❖ Two Copies of Utilization Certificate in the prescribed format shall be submitted to the Council by the end of financial year (31st March)
- ❖ Two copies of Ph.D. thesis should be submitted to the Council at the end.

Date:29.11.2019

F.No.9-136/RIFD/MOD/Policy-I/2018-19

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

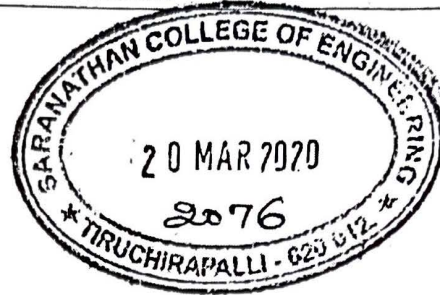


MODROB - Sanction Letter

F.No.9-136/RIFD/MOD/Policy-I/2018-19

To,

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



Date:03.12.2019

[Handwritten signature]

Sub: **Release of a sum of Rs.960000/- (Rupees Nine Lakh Sixty Thousand Only) being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2018-19 payable during the current financial year 2019-20- reg.**

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of Rs.1200000/- (Rupees Twelve Lakh Only) as Grant-in-Aid under the Modernization and Removal of Obsolescence (MODROB) scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, SARANATHAN COLLEGE OF ENGINEERING, VENKATESWARA NAGAR EDAMALAIPATTIPUDUR POST PANJAPPUR VILLAGE SRIRANGAM TALUK Tamil Nadu -620012		
2.	Title of Project:	Modernization of Communication Lab with Software defined Radio and removal of obsolescent equipment		
3.	Name of Coordinator:	Dr. SANTHI MUTHURATHINAM		
4.	Duration of the project:	2 Years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs.1200000/-	Non-Recurring (85%): Rs.1020000/-	Recurring (15%): Rs.180000/-
5.	Amount to be released during the year 2019-20:	1st Installment Rs.960000/-	Non-Recurring (85%): Rs.816000/-	Recurring (15%): Rs.144000/-
6.	Sanctioned grant-in-aid is debitable to:	Major Head 601.18(a) Gen. (Plan Head)		

- 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 account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
- 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 UNIVERSITY/INSTITUTION

I. Release of funds:

- The Principal/ Director of the institute and the Coordinator of the project are hereby 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:

Institute PAN No.	Bank Name	Bank Branch Name	Branch Address	Account Holder Name	Account Type	Account Number	IFSC
AAETS 6115N	CITY UNION BANK	TIRUCHIRAPALLI MAIN	KALLI AMMAN KOIL STREET, SIGC CAMPUS, TIRUCHIRAP	SARANATHAN COLLEGE OF ENGINEERING	Saving Account	02300100 0138318	CIUB000 0023

		ALLI - 620002				
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- In case of any omission the same should be reported to AICTE immediately.
- The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
 - 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
 - To self-financed/Pvt. Institutions 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

II. Maintenance of accounts:

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No.9-136/RIFD/MOD/Policy-I/2018-19 Dated 03.12.2019 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.
- 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 AICTE.
- 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).
- 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.
- 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.
- 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.

III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi:

- If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2019-20, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- 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 necessarily returned to AICTE.
- In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE.
- It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- 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.

IV. Submission of documents by college/institution after completion of Project/Subsequent years:

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

- Feedback form in the prescribed proforma.
- The Annual Progress Report (APR) in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- 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 AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. 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.

Date: 29.11.2019

F.No.9-¹³⁶/RIFD/MOD/Policy-I/2018-19

- d) In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e) Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be asunder:
- Principal/Director/Registrar of the Institution (Chairperson)
 - Coordinator of the project (Member Secretary),
 - Two HODs and one subject expert (Members).
 - The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.
- f) Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g) Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h) Photographs of equipment's purchased.
- i) 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 favour of the beneficiary institution.

V. General instructions

- 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.
- Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB 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 favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No.9-136/RIFD/MOD/Policy-1/2018-19 in your future correspondence.
- 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.
- The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- The assets acquired wholly or substantially out of 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 AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- The grantee 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.

List of Equipment's approved :

Name of Equipments
AM, FM, SS and TDM kits
Advanced Fiber Optic Communication Trainer
Mobile Base Station development system
Software Defined Radio Device



16 DEC 2019

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



STTP- Sanction Letter

Ref. No. 34-65/332/RIFD/STTP/Policy-1/2018-19

Date _____

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

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20– reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 300000 /- (Rupees Three Lakh Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SARANATHAN COLLEGE OF ENGINEERING , VENKATESWARA NAGAR EDAMALAIPATTIPUDUR POST PANJAPPUR VILLAGE SRIRANGAM TALUK TIRUCHIRAPPALLI-620012 Tamil Nadu
2.	Permanent ID of Institute	1-4190371
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. KRISHNAKUMAR CHITTIBABU
5.	Amount sanctioned	Rs. 300000/-
6.	Amount to be released	Rs.300000/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Novel Design & Control Strategies and Innovative Technical Practices in LV/HV Modern Switch Gear

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.

The Institution of Engineers (India)

AN ISO 9001 : 2015 CERTIFIED ORGANISATION
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)
8 GOKHALE ROAD, KOLKATA - 700 020



*"99 Years of Relentless Journey towards
Engineering Advancement for Nation-building"*

Ref: R.4/2/UG/2019-20/UG2020008

Date: 22 July 2019

The Director
Saranathan College of Engineering
Trichy-Madurai Road Panjappur
Venkateswara Nagar, Edamalaipatti Pudur
Tiruchirappalli 620012

Dear Sir/Madam,

Sub: Intimation of Approval for R&D Project entitled: "Design and Fabrication of Power Electronic Interface for Fixing and Removal of Bearing and Coupling in Mechanical System using Induction Heating"

This has reference to your subject project proposal submitted to The Institution of Engineers (India) for funding under IEI R&D Grant-in-Aid Scheme.

We are pleased to inform that the same has been approved by the competent authority as per the details mentioned below:

Project ID:	UG2020008	Category:	UG	Financial Year:	2019-20
Guide(s):	1. Dr C Krishnakumar 2. Dr S Thamizharasan	Applicant(s):	1. Antony Rozario Gnanaraj Bennet Raj 2. Ganesan Sekar 3. Manish Ananda Eswaran		
College / Institute / University:	Saranathan College of Engineering	Total Grant Sanctioned:	₹30,000/-	Number of Instalment(s):	1

Kindly quote your project ID all your future correspondence.

Please note that the Terms & Conditions of the Grant (Copy enclosed) should be strictly followed. On successful completion of the project, the following documents are to be furnished: (1) hard and soft copy of the Project Report, (2) hard/soft copy of the Project Completion Report, (3) hardcopies of the Utilization Certificates in duplicate, (4) soft copy of the filled-in R&D Compendium pro-forma (in .doc/.docx format) and (5) an Audio/Visual Demonstration of the Prototype/Model/Process in CD or Google Drive File Link. The submission will be treated as successful and complete only on receipt of the above documents.

Kindly acknowledge receipt through email id research@ieindia.org.

Thanking you.

Yours faithfully,

(N Sengupta)
Director (Technical)

For Secretary & Director General

Encl: as stated.

cc: Guide(s) — 1. Dr C Krishnakumar
2. Dr S Thamizharasan



CENTRE FOR FACULTY DEVELOPMENT
Anna University, Chennai-600 025

Phone : 044 - 22358217, Dir : 044 - 22301692
E-mail : facultydevelopment@annauniv.edu

Dr.D.Sridharan
Director

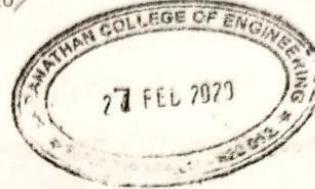
Dr.I.Arul Aram
Additional Director

Letter No.15/CFD/Winter/ Self Finance/FDTP/2020

Dated: 25.2.2020

To

The Principal
Saranathan College of Engineering,
Trichy-620 012.



Dear Sir,

Sub: Conduct of Six-Day Faculty Development Training Programme -
Settlement of bill - Cheque sent - Reg.

Ref: 1. This office Letter No:29/CFD/Winter/ FDTP/Self Finance/2019-28,
Dated: 31.10.2019.

2. Your bill dated:2.1.2020.


With reference to your letter 2nd cited, I am to enclose herewith a cheque bearing No.720131, dated:22.2.2020 for Rs.30,000/- towards the payment of remuneration to resource person in connection with conduct of Six-Day Faculty Development Training Programme on "EE 8602 - Protection and Switchgear" was held from 9.12.2019 to 14.12.2019.

Kindly acknowledge the receipt of the same.

Yours faithfully,

Encl: As above *⑧ Unwanted bills retained
herewith.*

for Director 25/2/2020


भारतीय स्टेट बैंक
State Bank Of India

(06463)-ANNA UNIVERSITY CHENNAI
 A.U. COLLEGE CAMPUS
 SARDAR PATEL ROAD, GUINDY,
 CHENNAI, TAMILNADU 600025
 Tel : 44 22200016 Fax : IFS Code : SBIN0006463 SWIFT :

A/C PAYEE ONLY.

केवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY
 22 02 2020
 DD MM YYYY

PAY Principal Saranathan College of Engineering
 या धारक को OR BEARER

रुपये RUPEES Thirty thousand only अवा करे ₹ 30000/-

खा. नं. A/c No. 10496977951
 SB ACCOUNT
 PREFIX : 0523600000
 15977969401

VALID UPTO 10 LACS AT NON HOME BRANCH FOR NON CASH TRANSACTION ONLY

FOR CENTRE FOR FACULTY DEVELOPMENT
 DIRECTOR OR DIRECTOR
 EDUCATIONAL MULTIMEDIA RESEARCH CENTRE
 ANNA UNIVERSITY
 CHENNAI-600 025

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

720131 600002039 005095 31

Received from Anna University, Chennai
 for Faculty development Training Programme
 on "EE 8602 - PROTECTION & SWITCHGEAR"
 from 09.12.2019 to 14.12.2019

15th November 2019

F.No.67-20/RIFD/GOC/POLICY-1/2018-19

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



GOC - Sanction Letter

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. 5,00,000/- (Rupees Five lakh only) as Grant-in-Aid to conduct Conference under the scheme **Grant for Organizing Conference (GOC)** for the year 2018-19 payable during the current financial year 2019-20-reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs. 5,00,000/- (Rupees Five lakh only) to conduct Conference under the scheme **Grant for Organizing Conference (GOC)**, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar Saranathan College of Engineering, Venkateswara Nagar, Edamalaipattipudur-Post, Panjappur-Village, Srirangam-Taluk, Tiruchirappalli, Tamil Nadu-620012
2.	Permanent ID of Institute:	1-4190371
3.	Title of Conference:	International Conference on Cutting Edge Technologies on Electrical, Communication, Embedded system and soft computing techniques
4.	Name of Coordinator:	Dr. Vijayalakshmi Subramanian
5.	Grant-in-aid Sanctioned:	Rs. 5,00,000/- (Rupees Five lakh only)
6.	Amount to be released during the year 2019-20:	Rs. 5,00,000/- (Rupees Five lakh only)
7.	Sanctioned grant-in-aid is debitable to:	Major Head 601. 17 (a) Gen (GOC) Plan Head)

1. 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.
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.

The instructions/guidelines to be followed by College/Institution

1. Release of funds

- a. The Principal/Director of the institute and the Coordinator of the program are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them alongwith the Proposal/Estimated expenditure details, against which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAETS 6115N	CITY UNION BANK LTD	TIRUCHIRAP ALLI MAIN BRANCH	23, Kalliamman Kul Street, Trichy	Saranathan College of Engineering	Saving Account	0230010001 38318	CIUB000 0023

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

AQIS Application ID : 1-4146853549

Page-1

Dr. M. Shanmugavalli ICE <shanmugavalli-ice@saranathan.ac.in>

To: "Mr. P. Aravind ICE" <aravind-ice@saranathan.ac.in>

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

From: Dharmalingam s <sdharma59@gmail.com>

Date: Sun, 13 Oct 2019 at 19:30

Subject: All India Workshop on "Nanosensors for Medical Applications"

To: Dr. M. Shanmugavalli ICE <shanmugavalli-ice@saranathan.ac.in>

Cc: Kumaresan N. <nkumar@nitt.edu>, A Anand <a.anand@bhel.in>

Madam,

Approval for conducting
this workshop has been
received from IEI HQ.
Next activity is to finalise
the brochur

Pl. see the attached word file containing the draft of the brochure in three column format.
Corrections in the draft to be done are highlighted in yellow colour.
Please carry out the corrections and return the draft for further processing.

Regards,

Dharmalingam



SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING
TIRUCHIRAPALLI - 620 012.

Date: 05-03-2020

Ref No: SCE/ICE/2019-2020

Submitted to: The Principal,
Saranathan College of Engineering,
Tiruchirappalli – 620 012

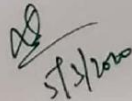
Sir,

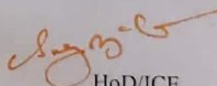
Sub: IEI sponsored workshop on “Nanosensors for Medical Applications”- reg.

Greetings! The department of ICE has received grand of Rs.30000- (Thirty Thousand) from IEI for conducting “Nanosensors for Medical Applications” during 4th and 5th of March 2020.

Yours sincerely,




PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.


HoD/ICE



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
 (Established by Government of Tamilnadu)
 Directorate of Technical Education Campus, Chennai – 600 025.
 Ph : 044-22301428, Telefax : 044-22301552 www.tanscst.nic.in

Dr.R.SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S.(USA),
 Member Secretary

Lr.No.TNSCST/SPS/AR/2019-2020

18.03.2020

To
 The Principal
 Saranathan College of Engineering
 Trichy - 620 012

Sir/Madam,

Sub: TNSCST – Student Project Scheme – 2019-2020 – approval
 intimation–grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and Seminar Paper in Time.

Herewith enclosed the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest

Kindly send the utilisation certificate (format enclosed) and seminar paper (ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,

Member Secretary.

Encl: a) Terms & Conditions (T&C)
 b) Format of Utilisation Certificate (UC)
 c) Cheque for Rs.15000/- No: 853075 dt.18.03.2020

Copy to: Individual Guides

248. Saranathan College of Engineering (2) – 15,000/-

	Ms. K. Ezhilarasi Asst. Professor Dept. of ICE Saranathan College of Engineering Trichy - 620 012	Artificial Intelligence Based Smart Building Controller	R.K. Dhivyaa C.S. Dharshini G. Subasri S. Teena	EEE- 134	The Principal Saranathan College of Engineering Trichy - 620 012	7500/-
✓	Dr. N. Baskar, Mr. S. Karthikeyan Professor, Assistant Professor Dept. of Mechanical Engineering Saranathan College of Engineering Trichy - 620 012	Design and fabrication of Friction welding joint on aluminium alloy grade 6351	P. Praveen Kumar V. Prethish N. Ragnath R. Sabareeswaran	EME- 017	The Principal Saranathan College of Engineering Trichy - 620 012	7500/-



SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012

Department of Information Technology

From

Dr.R.Sumathi

Professor and Head, Department of Information Technology

Saranathan College of Engineering

Trichirappalli-12

To

The Principal

Saranathan College of Engineering

Trichirappalli-12

Respected Sir,

Sub: Financial Statement of Technical activity in association with IEI, Local Chapter- One day workshop on "Machine learning Techniques using PyTorch" on 5th Oct 2019 -reg.

Ref 1: Approval mail communication from IEI local chapter dated on 12.9.2019 at 12.40 pm.

Ref 2: Expenditure details mail sent from IEI local chapter dated on 07.10.2019 at 11.02 am.

Ref 3: IEI newsletter page number 14- report presented.

We got approval to conduct one day workshop with financial assistance from IEI Trichirappalli local chapter (mail ref. dated on 12th Sep and received the financial assistance Rs.25,300/ (reference mail dated on Oct 7th 2020). Under my guidance, we conducted the workshop at our Saranathan College Campus with 35 faculty members from various institutions. The details of the financial expenditure is listed below(received from IEI local chapter) and the Banner and Certificates sponsored by the Saranathan College of Engineering:

Expenditure	
Snacks and lunch-Ashka Caterers Saranathan college	5212.20
One Day Workshop File ,Pen and pad -Saranathan college	2550.00
One Day Workshop-Lecture Honorarium -Saranathan college	9500.00
One day seminar-Saranathan college- car	959.00
	18221.20

Thanking You,

Place: Trichy

Date: 8/10/20

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

Yours Sincerely,

H.O.D. (IT)
Saranathan College of Engg.
Trichirappalli - 620 012.

19/06/2020

SARANATHAN COLLEGE OF ENGINEERING Mail - Fwd: One Day Workshop on 'Machine Learning Techniques Using PYTORC' - Reg



Dr.R. Rekha Meesh <rekha-meesh@ saranathan.ac.in>

Fwd: One Day Workshop on 'Machine Learning Techniques Using PYTORC' - Reg

2 messages

Ms.Sangeetha Priya IT Depart <spriya-it@ saranathan.ac.in>
To: "Dr.R. Rekha Meesh" <rekha-meesh@ saranathan.ac.in>

Fri, Jun 19, 2020 at 1:51 PM

Dear Mam,
mail forwarded for your reference.

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

From: Dr. R. Sumathi IT HOD <sumathi-h@ saranathan.ac.in>
Date: Fri, Jun 19, 2020 at 1:25 PM
Subject: Fwd: One Day Workshop on 'Machine Learning Techniques Using PYTORC' - Reg
To: Ms.Sangeetha Priya IT Depart <spriya-it@ saranathan.ac.in>

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

From: Dharmalingam S <sdharma59@gmail.com>
Date: Thu, 25 Jul 2019 at 19:46
Subject: Re: One Day Workshop on 'Machine Learning Techniques Using PYTORC' - Reg
To: RENGARAJ IT <rengaraj-h@ saranathan.ac.in>
Cc: Dr. R. Sumathi IT HOD <sumathi-h@ saranathan.ac.in>, Kumaresan N. <nkumar@nit.edu>, A Anand <a.anand@bhel.in>

Mr. Rengaraj,

This is in continuation to the mail sent by Mr. Anand.

Pl. see the attached word file containing the brochure for another one day workshop, in three column format.
Taking this as a reference, please make out a brochure for this program.
Details pertaining to JJ college is to be replaced with that of Saranathan College.
Pl. make a draft and send it to us for clearance.

Regards,

Dharmalingam

On Thu, Jul 25, 2019 at 4:42 PM A Anand <a.anand@bhel.in> wrote:

Sir,

This has reference to your proposal for organising the 'One Day Workshop on 'Machine Learning Techniques Using PYTORC' to be organised on 05/10/2019 under the aegis of Computer Engineering Division. The same has been approved by Chairman, Computer Engineering Division Board and you may proceed accordingly. Further, as advised by the Chairman, CPDB, please forward us the profiles of the speakers of the event.

You should send the detailed report of the activity in the enclosed format to the IEI/ITLC within 10 days from the date of culmination of the Seminar.
Detailed report should include:

- Full text of the lectures (at least five in numbers) delivered by the dignitaries during the Seminar which should also include the technical content of the lectures (based on the theme of the Seminar).
- Photographs (view of the dais) of the Seminar depicting clearly the banner of the IEI and its logo, theme of the Seminar, dates, etc.
- Photographs of the dignitaries delivering lectures.

Regards,



The Institution of Engineers (India)

AN ISO 9001:2015 CERTIFIED ORGANISATION
ESTABLISHED 1920 INCORPORATED BY ACT OF PARLIAMENT 1947
8 GOKHALE ROAD, KOLKATA - 700 020



“A COMMITMENT SERVICE TO THE NATION”



Date: 11 June 2020

Ref: R 4/2/UG/2019-20/UG2020057

The Principal
Saranathan College of Engineering
Trichy-madurai road Panjappur
Venkateswara Nagar, Edamalaipatti Padur
Tiruchirappalli 620012 Tamil Nadu

Dear Sir/Madam,

Sub: Intimation of Approval for R&D Project entitled: “Comprehensive Analysis of New Composition Cast Single Point Cutting Tool in Machining Various Materials”

This has reference to your subject project proposal submitted to The Institution of Engineers (India) for funding under IET R&D Grant in-Aid Scheme.

We are pleased to inform that the same has been approved by the competent authority as per the details mentioned below:

Project ID:	UG2020057	Category:	UG	Financial Year:	2019-20
Guide(s):	A Saravanan	Applicant(s):	1. A R Subash 2. R S Sarath Kumar 3. M Zeshan Ahmed		
College / Institute / University:	Saranathan College of Engineering	Total Grant Sanctioned:	₹20,000/-	Number of Instalment(s):	1

Kindly quote your project ID all your future correspondence.

Please note that the Terms & Conditions of the Grant (Copy enclosed) should be strictly followed. On successful completion of the project, the following documents are to be furnished: (1) hard and soft copy of the Project Report, (2) hard/soft copy of the Project Completion Report, (3) two hardcopies of the Utilization Certificates, (4) soft copy of the filled-in R&D Compendium pro-forma (in .doc/.docx format) and (5) an Audio/Visual Demonstration of the Prototype/Model/Process in CD or Google Drive File Link. The submission will be treated as successful and complete only on receipt of the above documents.

Kindly acknowledge receipt through email id research@ieindia.org

Thanking you,

Yours faithfully,

(Dr N Sengupta)
Director (Technical)
For Secretary & Director General

Encl: as stated

cc: Guide(s) - A Saravanan



The Institution of Engineers (India)

AN ISO 9001: 2015 CERTIFIED ORGANISATION
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)
8 GOKHALE ROAD, KOLKATA - 700 020



A Century of Service to the Nation

Ref: R.4/2/UG/2019-20/UG2020034

Date: 28 October 2019

The Director
Saranathan College of Engineering
Trichy-madurai Road Panjappur
Venkateswara Nagar, Edamalaipatti Pudur
Tiruchirappalli 620012, Tamil Nadu

Dear Sir/Madam,

Sub: Intimation of Approval for R&D Project entitled: "Experimental Analysis and Optimization of Friction Welding Parameters on Dissimilar Metals"

This has reference to your subject project proposal submitted to The Institution of Engineers (India) for funding under IEI R&D Grant-in-Aid Scheme.

We are pleased to inform that the same has been approved by the competent authority as per the details mentioned below:

Project ID:	UG2020034	Category:	UG	Financial Year:	2019-20
Guide(s):	1. Baskar N 2. Karthikeyan S	Applicant(s):	1. R Sabareeswaran 2. N Raguinath		
College / Institute / University:	Saranathan College of Engineering	Total Grant Sanctioned:	₹25,000/-	Number of Instalment(s):	1


Kindly quote your project ID all your future correspondence.

Please note that the Terms & Conditions of the Grant (Copy enclosed) should be strictly followed. On successful completion of the project, the following documents are to be furnished: (1) hard and soft copy of the Project Report, (2) hard/soft copy of the Project Completion Report, (3) hardcopies of the Utilization Certificates in duplicate, (4) soft copy of the filled-in R&D Compendium pro-forma (in .doc/ .docx format) and (5) an Audio/Visual Demonstration of the Prototype/Model/Process in CD or Google Drive File Link. The submission will be treated as successful and complete only on receipt of the above documents.

Kindly acknowledge receipt through email id research@ieindia.org.

Thanking you.

Yours faithfully,


(Dr N Sengupta)
Director (Technical)

For Secretary & Director General

Encl: as stated.

cc: Guide(s) – 1. Baskar N
2. Karthikeyan S

The Institution of Engineers (India)

AN ISO 9001 : 2015 CERTIFIED ORGANISATION
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)
8 GOKHALE ROAD, KOLKATA - 700 020



*"99 Years of Relentless Journey towards
Engineering Advancement for Nation-building"*

Ref: R.4/2/UG/2019-20/UG2020014

Date: 08 August 2019

The Director
Saranathan College of Engineering
Trichy-madurai road Panjappur, Venkateswara Nagar
Edamalaipatti Pudur
Tiruchirappalli 620012

Dear Sir/Madam,

Sub: Intimation of Approval for R&D Project entitled: *"Performance Investigation on Solar Distillation System Using Air Conditioning Unit Reject Water as Working Fluid"*

This has reference to your subject project proposal submitted to The Institution of Engineers (India) for funding under IEI R&D Grant-in-Aid Scheme.

We are pleased to inform that the same has been approved by the competent authority as per the details mentioned below:

Project ID:	UG2020014	Category:	UG	Financial Year:	2019-20
Guide(s):	Sridharan M	Applicant(s):	1. Cathrin Agness A 2. Radha R		
College / Institute / University:	Saranathan College of Engineering	Total Grant Sanctioned:	₹30,000/-	Number of Instalment(s):	1

Kindly quote your project ID all your future correspondence.

Please note that the Terms & Conditions of the Grant (Copy enclosed) should be strictly followed. On successful completion of the project, the following documents are to be furnished: (1) hard and soft copy of the Project Report, (2) hard/soft copy of the Project Completion Report, (3) hardcopies of the Utilization Certificates in duplicate, (4) soft copy of the filled in R&D Compendium pro-forma (in .doc/.docx format) and (5) an Audio/Visual Demonstration of the Prototype/Model/Process in CD or Google Drive File Link. The submission will be treated as successful and complete only on receipt of the above documents.

Kindly acknowledge receipt through email id research@ieindia.org.

Thanking you.

Yours faithfully,

(N Sengupta)
Director (Technical)

For Secretary & Director General

Encl: as stated.

cc: Guide(s) – Sridharan M



The Institution of Engineers (India)

AN ISO 9001: 2015 CERTIFIED ORGANISATION
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)
8 GOKHALE ROAD, KOLKATA - 700 020



A Century of Service to the Nation

Ref: R.A/2/UG/2019-20/UG2020046

Date: 31 December 2019

The Principal
Saranathan College of Engineering
Trichy-madurai road Panjappur
Venkateswara Nagar, Edamalaipatti Pudur
Tiruchirappalli 620012, Tamil Nadu

Dear Sir/Madam,

Sub: Intimation of Approval for R&D Project entitled: "Performance Monitoring and Controlling of Shell and Tube Heat Exchanger Using Internet of Things"

This has reference to your subject project proposal submitted to The Institution of Engineers (India) for funding under IEI R&D Grant-in Aid Scheme.

We are pleased to inform that the same has been approved by the competent authority as per the details mentioned below:

Project ID:	UG2020046	Category:	UG	Financial Year:	2019-20
Guide(s):	1. Shiva Ranjani R S 2. Vigneshwar P	Applicant(s):	1. J Vignesh 2. P Siva Sankar		
College / Institute / University:	Saranathan College of Engineering	Total Grant Sanctioned:	₹30,000/-	Number of Instalment(s):	1

Kindly quote your project ID all your future correspondence.

Please note that the Terms & Conditions of the Grant (Copy enclosed) should be strictly followed. On successful completion of the project, the following documents are to be furnished: (1) hard and soft copy of the Project Report, (2) hard/soft copy of the Project Completion Report, (3) two hardcopies of the Utilization Certificates, (4) soft copy of the filled-in R&D Compendium pro-forma (in .doc/.docx format) and (5) an Audio/Visual Demonstration of the Prototype/Model/Process in CD or Google Drive File Link. The submission will be treated as successful and complete only on receipt of the above documents.

Kindly acknowledge receipt through email id research@ieindia.org.

Thanking you.

Yours faithfully,

(Dr N Sengupta)
Director (Technical)
For Secretary & Director General

Encl: as stated.

cc: Guide(s) – 1. Shiva Ranjani R S
2. Vigneshwar P



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
 (Established by Government of Tamilnadu)
 Directorate of Technical Education Campus, Chennai – 600 025.
 Ph : 044-22301428, Telefax : 044-22301552 www.tanscst.nic.in

Dr.R.SRINIVASAN, M.Sc., Ph.D.,F.I.C.S., M.A.C.S.(USA),
 Member Secretary

Lr.No.TNSCST/SPS/AR/2019-2020

18.03.2020

To
 The Principal
 Saranathan College of Engineering
 Trichy - 620 012

Sir/Madam,

Sub: TNSCST – Student Project Scheme – 2019-2020 – approval
 intimation–grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and Seminar Paper in Time.

Herewith enclosed the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest

Kindly send the utilisation certificate (format enclosed) and seminar paper (ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,

Member Secretary.

- Encl: a) Terms & Conditions (T&C)
 b) Format of Utilisation Certificate (UC)
 c) Cheque for Rs.15000/- No: 853075 dt.18.03.2020

Copy to: Individual Guides

248. Saranathan College of Engineering (2) – 15,000/-

	Ms. K. Ezhilarasi Asst. Professor Dept. of ICE Saranathan College of Engineering Trichy - 620 012	Artificial Intelligence Based Smart Building Controller	R.K. Dhivyaa C.S. Dharshini G. Subasri S. Teena	EEE- 134	The Principal Saranathan College of Engineering Trichy - 620 012	7500/-
✓	Dr. N. Baskar, Mr. S. Karthikeyan Professor, Assistant Professor Dept. of Mechanical Engineering Saranathan College of Engineering Trichy - 620 012	Design and fabrication of Friction welding joint on aluminium alloy grade 6351	P. Praveen Kumar V. Prethish N. Ragunath R. Sabareeswaran	EME- 017	The Principal Saranathan College of Engineering Trichy - 620 012	7500/-

ACADEMIC YEAR 2018-2019

தமிழ்நாடு அறிவியல் தொழில்நுட்ப கல்வியியல் மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
(Established by Government of Tamilnadu)
Directorate of Technical Education, Campus, Chennai - 600 025
Ph: 044-22301426, Telex: 044 22301552 www.tanscst.nic.in

Dr R. SRINIVASAN, M.Sc., Ph.D., F.C.S., M.A.C.S. (USA),
Member Secretary

Lr No. TNSCST/SPS/AR/2018-2019

To
The Principal
Saranathan College of Engineering
Trichy - 620012

Sir/Madam,


Sub: TNSCST - Student Project Scheme - 2018-2019 - approval
intimation-grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. Kindly read and ensure adherence to the terms and conditions such as submission of UC and seminar paper in time.

Kindly find enclosed here with the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest.

Kindly send the utilisation certificate (format enclosed) and seminar paper (ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,

Member Secretary

Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs 22500/- No: 795145 dt:18.02.2019.

Copy to. Individual Guides

Saranathan College of Engineering					
Dr.M.Santhi Dept of ECE Saranathan College of Engineering Trichy - 620012	Recognition of ancient tamil characters from epigraphical inscriptions using OCR technique	Merline Magrma.M	EEE-013	The Principal Saranathan College of Engineering Trichy - 620012	7500 -
Dr N. Balakrishnan Professor Dept of Mechanical Engineering Saranathan College of Engineering Tiruchirappalli-620012	Design and fabrication of single point composite tool for machining various materials	S.Bilal Ahmed R.Lavanya	EME-069	The Principal Saranathan College of Engineering Tiruchirappalli-620012	7500 -
Mr.L. Muruganandam Associate Professor Dept. of Chemistry Saranathan College of Engineering Tiruchirappalli-620012	A new Zn(II) complex containing Mannich base ligand: Synthesis, Characterization and applications in engineering, energy and environment	S Sharan K B Vijayendra	PS-027	The Principal Saranathan College of Engineering Tiruchirappalli-620012	7500 -



Dr. S. Vijayalakshmi EEE <vijayalakshmi-eee@saranathan.ac.in>

Fwd: 2 days workshop proposal form reg.

1 message

Dr. S. Vijayalakshmi EEE <vijayalakshmi-eee@saranathan.ac.in>
To: priyaadharshini EEE Department <priyaadharshini-eee@saranathan.ac.in>

Fri, Jan 11, 2019 at 2:26 PM

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

From: A Anand <a.anand@bhel.in>

Date: Fri, Jan 11, 2019 at 2:19 PM

Subject: RE: 2 days workshop proposal form reg.

To: Dr. S. Vijayalakshmi EEE <vijayalakshmi-eee@saranathan.ac.in>

Cc: N. Kumaresan <nkumar@nitt.edu>

Dear Madam,

It may kindly be noted that your proposal for organising the following programme has been approved by President, IEI:

Programme type	Title	Date	Programme Code	Approved Grant (Rs.)
All India Workshop	"Design of Micro Grid and Grid Integration Issues of Distributed Generation"	March 6-7, 2019	EL1819AS11	30000/- in two instalments

You are hereby requested to organize the subject activity as per approved Guidelines of the Institution, which is also available in IEI website.

Kindly note that the grant will be released subjected to the following conditions:

a) A grant of Rs 15,000/- will be released as first instalment after receiving the printed / soft copy of the information Brochure prepared as per Guidelines.

It may please be noted that as decided by Council, the complete information brochure should be sent to IEI HQ at least 30 days prior to the date of the All India Seminars/Workshops; otherwise request for release of 1st instalment of the grant will not be entertained. **PFA sample brochure.**

b) We have to send the detailed report of the activity to the Headquarters in the attached format within 15 days from the date of culmination of the Seminar.

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



STTP- Sanction Letter

Ref. No. 34-65/331/RIFD/STTP/Policy-1/2018-19

Date _____

To

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

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 300000/- (Rupees Three Lakh Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SARANATHAN COLLEGE OF ENGINEERING , VENKATESWARA NAGAR EDAMALAIPATTIPUDUR POST PANJAPPUR VILLAGE SRIRANGAM TALUK TIRUCHIRAPPALLI-620012 Tamil Nadu
2.	Permanent ID of Institute	1-4190371
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. SUMATHI RATHNAM
5.	Amount sanctioned	Rs. 300000/-
6.	Amount to be released	Rs.300000/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	BIG DATA ANALYTICS

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.



APPROVED UG & PG PROJECTS FOR SEPTEMBER 2018 (1st PHASE)

UG PROJECT PROPOSAL(S)							
Sl. No.	Project ID	Title	Div	Duration (months)	Applicant(s)	Guide	Institute
1	RDUG2018026	Secure File Transfer Mechanism by Wireless Rubber Ducky Scripting Using Raspberry Pi	CT	6	Kaustav Pallob Souvik Ghosh Abhishek Raj	ARINDHAJIT PAL SOUMADIP GHOSH	Academy of Technology
2	RDUG2018027	LabVIEW Based Text Detection and Object Recognition Prototype for The Blind and The Dumb People	ET	9	Sunitha Bellam Naga Anitha Regati Leelavathi Gopavaram	Dr M V Subramanyam G Sowmya	Santhiram Engineering College
3	RDUG2018028	Computer Display System for The Visually Challenged	ET	6	Subham Ghosh Shivam Sarkar Kaustav Saha	Biswarup Neogi Moumita Ghosh	JIS College of Engineering
4	RDUG2018029	Design and Fabrication of Low Cost Die Set Up Assembly for Super plastic Forming of Light Alloys	MC	6	Vamsi Krishna Aluru Rakesh Reddy Poredy Prashanth Tungenwar	Dr J Kandasamy	Maturi Venkata Subba Rao Engineering College
5	RDUG2018030	Implementation of Waiter Robot Using Arduino	EL	8	P Ragul Karthick G Raja Vimal M Sivakumar	Dr K Manimala	Dr Sivanthi Aditanar College of Engineering
6	RDUG2018031	Development of Semi-Automatic Integrated Guidance System for Side Mirrors and Headlamps to Enhance The Drivers Vision Assistance in Automobiles	MC	6	Karthik Raja M Karthik S Mariya Merlin A	Dr S K Rajesh Kanna N Lingaraj	Rajalakshmi Institute of Technology
PG PROJECT PROPOSAL(S)							
7	RDPG2018010	Experimental Investigation on Solar Hybrid Heatrier System	MC	6	Aravind Kannan S	Sridharan M	Saranathan College of Engineering

Forwarded message -----

From: RESEARCH IEI <research@ieindia.org>

To: karthikeyan sambantham <karthi1623@gmail.com>

Cc: "baskarnaresh@yahoo.co.in" <baskarnaresh@yahoo.co.in>

Sent: Friday, 28 December, 2018, 10:42:24 AM IST

Subject: Re: Project ID: UG2019029: EXPERIMENTAL ANALYSIS, EVALUATION AND OPTIMIZATION OF FRICTION WELDING PARAMETERS ON EN353 ALLOY

R.4/2/UG/2018-19/RDUG2018032 [Permanent ID: UG2019029]

Dear Sir/Madam,

We are pleased to inform you that the sanctioned amount of Rs.15,000/- under IEI R&D Grant-in-Aid scheme against the subject project has been transferred through NEFT on 24.12.2018 as per Payee Details provided by you. Transaction Number is AXTB183588065887.

Please check with the appropriate authority of your institute and confirm receipt of the amount via mail.

With best regards,

IEI R&D Cell

Technical Department

The Institution of Engineers (India) 8

**Gokhale Road, Kolkata-700020 West
Bengal, India.**

Website: www.ieindia.org

APPROVED UG & PG PROJECTS FOR OCTOBER 2018 (2ND PHASE)

UG PROJECT PROPOSAL(S)							
Sl. No.	Project ID	Title	Div	Duration (months)	Applicant(s)	Guide	Institute
1	RDUG2018032	Experimental Analysis, Evaluation and Optimization of Friction Welding Parameters on EN353 Alloy	MC	6	A. Rakesh C. Naveen W. Robinson	Baskar N Karthikeyan S	Saranathan College of Engineering
2	RDUG2018033	IoT Based Adaptive Distance Protection Scheme for PMU Deployed Smart Grid With Hybrid Wind-Solar DGs	EL	5	Varsha V Praveen kumar R Raghavi R	Dr S G Bharathidasan	Sri Venkateswara College of Engineering

Dated: 9 January 2019

F. No. 34-55/²⁰⁹/RIFD/FDP/Policy-1/2017-18**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**FDP - 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 647000/-** for conduct of Faculty Development Programme (FDP)- reg.

Sir,

This is to convey the sanction of the Council for payment of Rs. 647000/- (Rupees Six Lakh Fourty Seven Thousand Only) for conduct of FDP on Cutting Edge Technology and Contemporary Research in Mechanical Engineering to **SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI**, Pin No- 620012, Tamil Nadu, under the Scheme of Faculty Development Programme.

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 debitable to the Major Head 601.9(a) Gen. of the Scheme of Faculty Development Programme and is valid for payment during the financial year 2018-19.

The Instructions/guidelines to be followed by University/Institution**1. Release of funds and maintenance of accounts**

- a. The Principal of the institute and the Coordinator of the program 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:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAETS8115N	CITY UNION BANK LTD	TIRUCHIRAPALLI MAIN	KALLI AMMAN KOIL STREET, SIGC CAMPUS, TIRUCHIRAPALLI - 620002	SARANATHAN COLLEGE OF ENGINEERING	Saving Account	023001000138318	CIUB0000023

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 no. F. No. 34-55/²⁰⁹/RIFD/FDP/Policy-1/2017-18 dated 09.01.2019 issued by this office.

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.

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.

The grant is intended to cover items of expenditure connected with the Faculty Development Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

Dated: 9 January 2019

- f. The FDP will be organized for 2 weeks with minimum 40 participants. The approved FDP shall be conducted nine months from the date of release of funds.
- g. Any unavoidable circumstantial change in the Program with respect to name of Project Coordinator, Venue and date of organizing FDP 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 as issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-55/ 269 /RIFD/FDP/Policy-1/2017-18 in your future correspondence.
- h. Program Evaluation Committee (PEC) is required to be constituted at institutional level. The constitution of the shall be as under:
- Principal/Director/Registrar of the institution (Chairperson),
 - Coordinator of the program (Member Secretary),
 - Two HODs and one subject expert (members).
- The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.
- i. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- j. This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely

(Dileep N. Matkhetkar)
Advisor-I (RIF)

Copy forwarded for information and necessary action to: -

1. Coordinator of the Program
Dr. BASKAR NEELAKANDAN
SARANATHAN COLLEGE OF ENGINEERING
VENKATESWARA NAGAR
EDAMALAIPATTIPUDUR POST
PANJAPPUR VILLAGE
SRIRANGAM TALUK TIRUCHIRAPPALLI
TIRUCHIRAPPALLI - 620012

2. The Registrar / Director / Principal
SARANATHAN COLLEGE OF ENGINEERING
VENKATESWARA NAGAR
EDAMALAIPATTIPUDUR POST
PANJAPPUR VILLAGE
SRIRANGAM TALUK TIRUCHIRAPPALLI
TIRUCHIRAPPALLI - 620012

3. Guard File

01 MAR 20

தமிழ்நாடு அறிவியல் மற்றும் தொழில்நுட்ப கல்வித் துறை
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
(Established by Government of Tamilnadu)

Directorate of Technical Education, Campus - Chennai - 600 025
Ph : 044-22301426 Telefax : 044-22301552 www.tanscst.tnec.in

Dr R SRINIVASAN, M.Sc., Ph.D., F.C.S., M.A.C.S. (USA),
Member Secretary

Lr No.TNSCST/SPS/AR/2018-2019

18.02.2019

To
The Principal
Saranathan College of Engineering
Trichy - 620012



Sir/Madam,

Sub: TNSCST - Student Project Scheme - 2018-2019 - approval
intimation-grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. Kindly read and ensure adherence to the terms and conditions such as submission of UC and seminar paper in time.

Kindly find enclosed here with the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest.

Kindly send the utilisation certificate (format enclosed) and seminar paper (ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,

(Signature)
Member Secretary

- Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs 22500/- No: 795145 dt:18.02.2019.

Copy to: Individual Guides

Saranathan College of Engineering

Dr.M.Santhi Dept. of ECE Saranathan College of Engineering Trichy - 620012	Recognition of ancient tamil characters form epigraphical inscriptions using OCR technique	Merline Magrina.M	EEE-013	The Principal Saranathan College of Engineering Trichy - 620012	7500 -
Dr.N.Sekar Professor Dept. of Mechanical Engineering Saranathan College of Engineering Tiruchirappalli-620012	Design and fabrication of single point composite tool for machining various materials	S.Bisal Ahmed R.Lavanyan	EME- 069	The Principal Saranathan College of Engineering Tiruchirappalli-620012	7500 -
Mr.I. Muruganandam Associate Professor Dept. of Chemistry Saranathan College of Engineering Tiruchirappalli- 620012	A new Zn(II) complex containing Mannich base ligand: Synthesis, Characterization and applications in engineering, energy and environment	S Sharan K B Vijayendra	PS-027	The Principal Saranathan College of Engineering Tiruchirappalli-620012	7500 -

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



STTP- 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. 290000 /- for conduct of Short Term Training Programme (STTP) during the financial year 2018-19 - reg.

Sir,

This is to convey the sanction of the Council for payment of Rs. 290000 /-(Rupees Two Lakh Ninety Thousand only) for conduct of STTP on A Paradigm shift in Product Design & Development using CAD/CAM/CAE tools to SARANATHAN COLLEGE OF ENGINEERING TIRUCHIRAPPALLI Pin No - 620012 Tamil Nadu, under the Scheme of Short Term Training Programme.

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 debitable to the Major Head 601.43(a) Gen. of the Scheme of Short Term Training Programme and is valid for payment during the financial year 2018-19.

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 Coordinator of the program 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: -

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAETS6 115N	CITY UNION BANK LTD	TIRUCHIRAPPALLI MAIN	KALLI AMMAN KOIL STREET, SIGC CAMPUS, TIRUCHIRAPPALLI - 620002	SARANATHAN COLLEGE OF ENGINEERING	Saving Account	0230010 0013831 8	CIUB 0000 023

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

Follow the provisions laid down in the scheme document and sanction order no.



தமிழ்நாடு (டி) அறிவியல் தொழில்நுட்ப அமைச்சு
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
(Established by Government of Tamilnadu)
Directorate of Technical Education Campus Chennai - 600 025
Ph : 044-22301428, Telefax : 044-22301552 www.tanscst.nic.in

Dr.R.SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S.(USA),
Member Secretary

Lr.No.TNSCST/SPS/AR/2018-2019

To
The Principal
Saranathan College of Engineering
Trichy - 620012

Sir/Madam,

Sub: TNSCST - Student Project Scheme - 2018-2019 - approval
intimation-grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. Kindly read and ensure adherence to the terms and conditions such as submission of UC and seminar paper in time.

Kindly find enclosed here with the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest.

Kindly send the utilisation certificate (format enclosed) and seminar paper (ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,


Member Secretary

- Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs 22500/- No: 795145

dt:18.02.2019.

Copy to: Individual Guides

262	Dr A T Ravichandran Associate Professor Dept. of Physics National College, Trichy-620001	Deposition of Cu ₂ O thin films and its potential application in solar cells	Rajadurai G	PS-020	7500/-
263	A M Prince Associate Professor Dept. of Chemistry RKM Vivekananda College Chennai-600004	Physicochemical properties of edible oil before and after deep frying	K Gangadharan	PS-021	7500/-
264	Dr. K Raja Asst. Professor of Physics Dr R K Shanmugam College of Arts and Science Kallakurichi-606213	Green synthesis and antimicrobial activity of silver nanoparticles from Cissus quadrangularis, Catharanthus roseus, Polyvinylpyrrolidone and Chitosan	N.Rajini P. Sathiyamoorthi K Prakash A Managa	PS-022	7500/-
265	J Sivamani Associate Professor Dept. of Chemistry Theivanai Ammal College for Women, Villupuram-605602	Self-Assembly, chemosensor and bioimaging studies on azo molecules	S Ponmalar M Ramadevi M Venisri	PS-023	7500/-
266	Mrs.G Kavitha Asst. Prof., Dept. of Physics A M Jain college Chennai-600114	Enhanced antioxidant antimicrobial photocatalytic activity from copper oxide(CuO)nanoparticles using ruellia tuberosa an eco-friendly approach	S Surendar	PS-024	7500/-
267	Dorathy Pushparani Assistant Professor Dept. of Food Chemistry Loyola College Chennai-600034	Formulation of Malted Milk Hot Drink using Terminalia Chebula Retz. (Myrobalan) for Mid-Day Meal Scheme (MDMS) and anganwadis to prevent Typhoid Fever in school going children	Karshma Kundu	PS-025	7500/-
268	Dr Sujin P Jose Assistant Professor Dept. of Physics Madurai Kamaraj University Madurai-625021	Mxene Nanocomposite(Nb ₂ C/Ppy) as an electrode material for supercapacitor application	S Brindha Devi	PS-026	7500/-
269	L Muruganandam Associate Professor Dept. of Chemistry Saranathan College of Engg., Tiruchirappalli-620012	A new Zn(II) complex containing Mannich base ligand: Synthesis, Characterization and applications in engineering, energy and environment	S Sharan K B Vijayendra	PS-027	7500/-
270	V Radhika HOD, Dept. of Physics P K R Arts College for Women, Erode-638476	Green synthesis and characterization of silver nanoparticles using Ficus Religiosa(peepal leaf) and rosa grandiflora (red rose leaf)	Gaaviyaa S R Dharini R Nishitha K	PS-028	7500/-
271	A C Abirami Assistant Professor Dept. of Chemistry R V Government Arts College Chengalpattu-603001	Biogenic Synthesis of gold nanoparticles using ipomoea quamoclit L. Leaf extract and study its antimicrobial activity	G Jayabharath G Kasthuri	PS-029	7500/-
272	Dr T Balakrishnan Associate Professor & Head Dept. of Physics Periyar EVR College Trichy-620023	Improvement of the quality of potassium manganese nickel sulphate single crystals for UV filter application	M Rajalingam V Bharath	PS-030	7500/-
273	J Noorul Ameen Assistant Professor Dept. of Chemistry Vivekanandha College of Arts and Science for Women Elayampalayam-637205	Ni(II) and Co(II) complexes bearing 2-mercapto quinoline thiosemicarbazones: Synthesis, Spectral characterization and their biological studies	S Kavipriya V Aruna Devi	PS-031	7500/-

ACADEMIC YEAR 2017-2018

SP/YO/040/2017(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(SEED Division)
Technology Bhavan,
New Delhi-110016
Dated: 13/03/2018

ORDER

Sub:-Financial assistance for the project titled "Nano-sensor for fluid mass flow rate measurement for biomedical applications" under the guidance of Dr. M.Shanmugavalli, Department of Instrument and Control Engineering, Saranathan College of Engineering, Tiruchirappalli, Tamil Nadu-620 012.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs.27,39,968/- (Rupees Twenty Seven Lakh Thirty Nine Thousand Nine Hundred Sixty Eight only)** for a duration of **three years**. The detailed breakup of the grant for General & Capital Components are given below:-

General Component Rs.3,39,088/-
Capital Assets Rs.24,00,880/-
TOTAL **Rs.27,39,968/-**

S. No.	Proposed Budget Head	1 st year	2 nd year	3 rd year	Total
Capital Assets					
	Equipment's	20,40,880/-	3,60,000/-	-----	24,00,880/-
A	TOTAL	20,40,880/-	3,60,000/-	-----	24,00,880/-
Travel					
	Travel	15,000/-	15,000/-	15,000/-	45,000/-
Consumables					
	Chemicals, Glassware and Stationary required for experiment, seed, pesticides, fertilizers, raw materials for fabrication, stationary, etc	15,000/-	15,000/-	15,000/-	45,000/-
Contingency					
	Contingencies @3%	62,126/-	11,700/-	900/-	74,726/-
Overheads (07% of Above Costs)					
	Overheads	1,44,962/-	27,300/-	2,100/-	1,74,362/-
B	Total	2,37,088/-	69,000/-	33,000/-	3,39,088/-
	Grand Total (A+B)	22,77,968/-	4,29,000/-	33,000/-	27,39,968/-

2. The sanction of the President is also accorded to the release of **Rs.2,37,088/- (Rupees Two Lakh Thirty Seven Thousand Eighty Eight only)** to Saranathan College of Engineering, Tiruchirappalli, Tamil Nadu-620 002 being the first installment of grant under "General Component" for implementation of the above mentioned project.


13/03/2018

12. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2017-18:

3425 : Other Scientific Research (Major Head)
60 : Others
60.200 : Assistance to Other Scientific Bodes (Minor Head)
70 : Innovation, Technology Development and Deployment
70.00.31 : Grants-in-aid General for the year 2017-18 (Plan)

*(Previous: SSP-SEED-3425.60.200.08.11.31)

13. The amount of **Rs.2,37,088/- (Rupees Two Lakh Thirty Seven Thousand Eighty Eight only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Saranathan College of Engineering, Tiruchirappalli, Tamil Nadu-620 002**. The bank details for electronic transfer of funds through RTGS are given below:-

Institution Account Name	Saranathan College of Engineering, Tiruchirappalli, Tamil Nadu
Saving Bank Account Number	023001000138318
Name of Bank	City Union Bank Ltd.
Branch Name	23, Kalamman Koil Street, Opp. To Trichy Annadhana Samajam Tiruchirappalli-620 002.
RTGS/IFS Code	CIUB0000023
MICR Code	620054002

14. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 196 in the register of grants maintained in the Division for the scheme (Scheme for Young Scientist and Technologists)

15. This issues with the concurrence of IFD Vide their Concurrence Dy. No. C/5365/IFD 2017-18 Dated: 13/03/2018.


(Dr. Rashmi Sharma)
Scientist-'E'
011-26590541

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy for information and necessary action to:-

1. Cash Section (3 copies) for making the payment to the grantee.
2. Account Section.
3. Director of Audit, (Scientific Deptt), AGCR Building, New Delhi – 110 002.
4. Sanction Folder
5. Head (SEED)
6. Dr. M. Shanmugavalli, Department of Instrument and Control Engineering, Saranathan College of Engineering, Tiruchirappalli, Tamil Nadu-620 012.


(Dr. Rashmi Sharma)



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
(Established by Government of Tamilnadu)
Directorate of Technical Education Campus, Chennai - 600 025.
Ph : 044-22301428, Telefax : 044-22301552 www.tanscst.nic.in

Dr.R.SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S.(USA),
Member Secretary

Lr.No.TNSCST/SPS/AR/2017-2018

30.01.2018

To

The Principal
Saranathan College of Engineering
Panjappur
Tiruchirapalli - 620 012

Sir/Madam,

Sub: TNSCST - Student Project Scheme - 2017-2018 - approval.
intimation-grant release-reg.

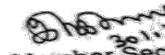
With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. Kindly read and ensure adherence to the terms and conditions such as submission of UC and seminar paper in time.

Kindly find enclosed here with the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest.

Kindly send the utilisation certificate (format enclosed) and seminar paper (ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,


30.1.18
Member Secretary.

Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs.10000/- No: 322542 dt: 30.1.2018

Copy to: The individual guides.

151. Saranathan College of Engineering (1) 10,000/-

1	Ms.M.Eazhisai Vallabai Assistant Professor Dept. of Instrumentation Control Engineering Saranathan College of Engineering Panjappur Tiruchirapalli - 620 012	Three-axial automated bowler	M.Syed Ahamed Raaza Saqqaf A.Suhith S.Udhayakumar V.Sivapugalventhan	The Principal Saranathan College of Engineering Panjappur Tiruchirapalli - 620 012	EME-055	10000/-
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Forwarded message -----

From: **RESEARCH IEI**

<research@ieindia.org> Date:

Friday, April 6, 2018

Subject: Re: Project ID: RDUG2017035: Experimental Investigation on Hybrid Flow Heat Exchanger

To: Sridharan sridhu <sridhudhiya@gmail.com>,

vinithv97@gmail.com Cc: director_technical

<director_technical@ieindia.org>

R.4/2/UG/2017-18/RDUG2017035

Dear Sir/Madam,

We are pleased to inform you that the total sanctioned amount is Rs.15,000/- under IEI R&D Grant-in-Aid scheme against the subject project. The sanctioned amount has been transferred through NEFT on 31.03.2018 as per Payee Details provided by you. The transaction reference no. is NEFT DR-N090180099643473.

Please check with the appropriate authority of your institute and confirm receipt of the amount via mail.

Project ID: RDUG2017035: Experimental Investigation on Hybrid Flow Heat Exchanger

With best regards,

IEI R&D Cell
Technical Department
The Institution of
Engineers (India) [8](#)
[Gokhale Road,](#)
[Kolkata-700020](#)
[West Bengal, India.](#)

Website

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110067

F.NO.7-79/HFED/SG/VOL-1/2016-17

To

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110067



Dated : 28/8/2017

Sub: Sanction Order for releasing of 1st Installment (50%) of Grants-in-aid (Plan) under the Scheme of Seminar Grant to Saranathan College of Engineering, Venkateswara Nagar, Edamalaipattipudur-Post, Panjappur- Village, Srirangam Taluk, Tiruchirappalli, Tamil Nadu-620012 for the year 2016-17 during the financial year 2017-18.

Sir,

I am directed to convey the sanction of the Council for payment of Rs.50,000/- (Rupees Fifty Thousand Only) as 1st installment (50%) out of the total approved amount of Rs.1,00,000/- (Rupees One Lakh Only) for Organizing Seminar to Saranathan College of Engineering, Venkateswara Nagar, Edamalaipattipudur-Post, Panjappur- Village, Srirangam Taluk, Tiruchirappalli, Tamil Nadu-620012 under the Scheme of Seminar Grant.

- 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 Director/Principal of the Institute through E-payment system.

Bank Account / RTGS Details

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAETS6115N	CITY UNION BANK	TIRUCHIRAPPALLI MAIN	KALLI AMMAN KOIL STREET, SSGC CAMPUS, TIRUCHIRAPPALLI, 1-620002	SARATHAN THIAN COLLEG E OF ENGINEERING	Saving Account	23001000138318	CUB0000023

- The Acceptance letter with dates (to be held within six months from the date of issuance of Sanction Order) for conducting Seminar should reach this office within 15 days from the date of receipt of the this Sanction Order duly signed and sealed by Co-ordinator and Head of the Institutions along with permission/clearance of Govt. of India for Conducting Seminar.
- The reimbursement of the balance entitled amount of the grant-in-aid shall be released only on receipt of the following documents:-
 - Feedback form in the prescribed proforma.
 - Original Statement of actual Expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the Institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of format enclosed.
 - Copy of the proceedings/Project completion report.
- 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.
- This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated in the above letter and as accepted by the Institution/Co-ordinator/PI vide their Acceptance letter.
- The sanctioned amount is debitible to the Major Head 6018 (a) Gen. of the Scheme of Grant for Seminar Grant (SG) and is valid for payment during the financial year 2017-18.

Copy:-2

ACADEMIC YEAR 2016-2017

The Institution of Engineers (India) Technical Department The Institution of Engineers (India) R&D Grant-in-aid Scheme	
PROJECT COMPLETION REPORT	
1. Project ID:	UG2017020
2. Project Title	Experimental Investigation and Optimization of Milling Parameters for Machining Aluminum Silicon Carbide Composite using Design of Experiments Approach
3. Name of the Investigator	1. R. Mathanbala 2. M. Moorthy 3. E. Kumaresan
a. E-mail: mathanbala96@gmail.com	b. Mobile No.: 80123 53473
b. Contact Address:	Saranathan College of Engineering, Venkateswara Nagar, Tiruchirappalli-620 012, Tamilnadu.
4. Name of the Institution of which Investigator is attached:	Saranathan College of Engineering, Venkateswara Nagar, Tiruchirappalli-620 012, Tamilnadu.
5. Name and Designation of the Guide / supervisor:	Dr. N. BASKAR Dr. M. GANESAN
a. E-mail: baskarnareesh@ yahoo.co.in amganesan@gmail.com	b. Mobile No.: 94431 92729 95658 64040
6. Name of the Director / Principal of the Institution:	Dr. D. VALAVAN
7. Date of Release of R. & D Grant	06-09-2016
8. Date of Commencement of the Project	05-01-2017
9. Amount of R. & D Grant	Rs. 36,000/-
10. Date of Receipt of R. & D Grant	29-09-2016
11. How much work is yet to be completed with the reason of delay: Nil	
a. Percentage of work completed	100 %
b. Amount utilized till date	Rs. 37,102/-

Ref:R.4/2/UG/2016-17/RDUG2016162

Dr. N. Baskar, MIE
Saranathan College of Engineering
Venkateswara Nagar, Panjappur
Tiruchirappalli, Tamilnadu 620 012

Dear Sir/Madam,

We are pleased to inform you that your project has been shortlisted by us for a Grant-in-Aid of Rs.36,000/- for the financial year 2016-17.

As a per-requisite for availing grant, the other guide (Mr. M. Ganesan) should be a corporate member of the IEI. He may kindly be advised to visit the link <https://www.ieindia.org/membcorporate.aspx> and apply in appropriate category. Scanned copies of filled-in membership application form and cheque amounting to the membership fees should be sent via e-mail to research@ieindia.org for our records and further action.

Further, it may kindly be noted that the cheque for the grant-in-aid will be issued in the name of the Institute only. Please provide us with the details of the payee within 03/08/2016.

Thanking you,

With regards,

Nilanjan Sengupta
Director (Technical)
IEI R&D Cell
Technical Department
The Institution of Engineers (India)
8 Gokhale Road, Kolkata-700020
West Bengal, India.

Website: www.ieindia.org

From

Dr. N. Baskar, M.E., Ph.D., M.I.E.,
Mr. M. Ganesan, M.E., (Ph.D)
Project Guide (UG Grant-in-aid scheme)
Professor
Department of Mechanical Engineering,
Saranathan College of Engineering
Tiruchirappalli-620 012

To

The Principal
Saranathan College of Engineering
Tiruchirappalli-620 012

Thro

The Head of Department / Mechanical Engineering
Saranathan College of Engineering
Tiruchirappalli-620 012



Respected Sir

Sub: Grant-in-aid scheme - UG level project - Fund received - reg.

Ref: Project I.D. UG2017020

Title of the project: Experimental Investigation and Optimization of Milling Parameters for
Machining Aluminium Silicon Carbide Composite using Design of
Experiments Approach

We received the R & D project fund Rs. 36,000 /- (Cheque No. 674041 dated 29-09-2016) from the IEI for the student project. The project is to be carried out under our supervision. We will complete the project within stipulated period and send utilization certificates. The detail of the financial requirements for the project is listed below.


Sl. No.	Details of expenditure	Type (Recurring / non-recurring)	Estimated Cost In Rs.
1	Aluminum Silicon Carbide Composite	Non-Recurring	10,000
2	Milling Cutter - TMAX (Ø75 mm)	Non-Recurring	10,000
3	Coolant - Soluble Oil	Non-Recurring	500
4	Weighing Machine - 3 Kg	Non-Recurring	2,000
5	Infrared Temperature Gun	Non-Recurring	5,000
6	Publications		5,000
7	Field Visit		2,500
8	Overhead charges		1,000
TOTAL:			36,000

Thanking You

Place : Trichy-12
Date : 14-10-2016



Yours Sincerely


14/10/16

14/10/2016

ACADEMIC YEAR 2015-2016

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
4th Floor, East Tower, N.B.C.C. Place, Bhisam Pitamah Marg,
Pragati Vihar, New Delhi-110003

Ref. No.: 20/AICTE/RIFD/RPS(POLICY-IV) 31/2012-13

September 3, 2013

The Drawing and Disbursing Officer
All India Council for Technical Education
7th Floor, Chandralok Building,
Connaught Place, New Delhi - 110 001.


Sub: Release of Grants under Research Promotion Scheme (RPS) Scheme during the financial year 2013-14.

Sir,

This is to convey the sanction of the Council for payment of Rs. 473334/- (Rupees Four Lakh Seventy Three Thousand Three Hundred Thirty Four Only) during 2012-13 under the Research Promotion Scheme (RPS) as Grant-in-aid for meeting the expenditure for implementing the Scheme in order to create & update general research capabilities, as per details given below:

1. Name of the Beneficiary Institution (University / College / Institution) : SARANATHAN COLLEGE OF ENGINEERING
VENKATESWARA NAGAR
EDAMALAIPATTIPUDUR POST
PANJAPPUR VILLAGE
SRIRANGAM TALUK Tamil Nadu 620012
2. Principal Investigator's Name & Deptt. : Mr. LENIN PRAKASH SUNDARAM
ELECTRICAL AND ELECTRONICS ENGINEERING
3. Grant-in-aid Sanctioned : Rs. 520000/- (Rs. 450000/- for non-recurring and Rs. 70000/- for recurring expenditure)
4. Amount to be Released : Non Recurring : Rs. 450000/-
Recurring (1st Year): Rs. 23334/-
Total: Rs. 473334/-
5. Approved Duration : 3 Years (Three Years)
6. Title of the Project : DEVELOPMENT AND IMPLEMENTATION OF
SIMPLIFIED INTELLIGENT CONTROLLERS FOR A
REGULATED AUTONOMOUS HYBRID PV ARRAY
EXCITED WIND DRIVEN INDUCTION
GENERATOR SYSTEM WITH AN UNBALANCED
AND NON-LINEAR LOAD

1. The sanctioned grant-in-aid is debatable to the major "501.1(a) (RPS) Category not mentioned, could be General" and is valid for payment during the financial year 2013-14.
2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of Director/Registrar/ Principal, SARANATHAN COLLEGE OF ENGINEERING, VENKATESWARA NAGAR EDAMALAIPATTIPUDUR POST PANJAPPUR VILLAGE SRIRANGAM TALUK, Tamil Nadu 620012 through RTGS.
3. 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 the issuance of the approval letter is not allowed to be adjusted in the grant and if the University/Institution do not take the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse.


3-9-13