



NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

Email : principal@nandhaengg.org Mobile : 73737 12234

Criterion 3 – Research, Innovations and Extension

3.2

Resource Mobilization for Research

3.2.2 Percentage of teachers having research projects during the last five years (2)

ACADEMIC YEAR

2021-22

- 3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution (2)
- 3.2.2 Percentage of teachers having research projects during the last five years (2)
- 3.2.4 Average Percentage of departments having Research projects funded by government and non government agencies during the last five years (3)

S. NO.	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Govt/ Non-Govt)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1	Mr. M. Rabi Ahamad	TNSCST	Govt	Agri	2021-22	0.075	6 Months
2	Dr.E.K. Vellingiriraj	TNSCST	Govt	MCA	2021-22	0.075	6 Months
3	Dr. S. Vanitha	TNSCST	Govt	Agri	2021-22	0.075	6 Months
4	Mr.K. Rajasekar	TNSCST	Govt	Agri	2021-22	0.075	6 Months
5	Dr.R.Murugasami	TNSCST	Govt	ECE	2021-22	0.075	6 Months
6	Dr.N.Subramanian	Unacademy	Non-Govt	Chemical	2021-22	0.5	2 days
7	P Krishnagandhi	MSME	Govt	EEE	2021-22	14.75	1 Year
8	Dr C Siva	TNSCST	Govt	IT	2021-22	1.5	2 Days
9	Dr C N Marimuthu Dr.R Murugasami	AICTE AQIS RPS	Govt	ECE	2021-22	15.045	2 Weeks
10	Dr Jayakumar	CSIR	Govt	EEE	2021-22	0.2	1 Day
Total Amount						32.37	

3.2:1 & 3.2.2 & 3.2.4 /ECE



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

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

11.03.2022

Lr.No.TNSCST/SPS/2021-2022/

To
The Principal
Nandha Engineering college
Vaikkalamedu, Erode-638052
Sir/Madam,

Sub: TNSCST – Student Project Scheme (2021-2022) – 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.

No	Guide Name and Institutional Address	Title of the Project	Students Name	Project Code	Amount
1	Mr.M.Rabi Ahamed, AP Department of Agrl. Engg. Nandha Engineering college Erode-638052	Refinement and design of steam generator for dying industry	Sneha.M, Rubika.B, Kamalakannan.S, Krishnakumar.S	AS-117	7500/-
2	Dr.E.K. Vellingiriraj Professor and HoD, Department of CA Nandha Engineering College, Erode-638052	Real-Time GPS based tracking blood donors for emergency	Arun Kumar.S, Kirubaa.V, Sanmuga Priya.G, S.Vijay	CSE-0846	7500/-
3	Dr S.Vanitha Associate Professor, Dept. of Agriculture Engineering Nandha Engineering Collegem Erode-638052	Generating electricity from water pipeline	K.Jaisurya T.Sriramakrishna Varani M.Sriramvishvana than A.Kirthikkumaran	EME-0910	7500/-
4	Dr.K.Rajasekaran Assistant Professor, Department of Chemical Engineering Nandha Engineering College, Erode-638052	Formulation of ecofriendly detergent powder from rice husk ash.	K.Surya, V.S.Aswin Nandha, G.Dhinesh Kumar, P.S.Sakthivel	CHE-107	7500/-
5	Dr.R.Murugasami Associate Professor, Department of ECE Nandha Engineering College, Erode-638052	Real time monitoring of waste water production and effluent treatment in the dying industry	S.Santhosh, R.Yogeshwaran, M.Karthich Saran	EEE-0443	7500/-

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,



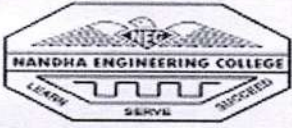
[Signature]
PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

Yours faithfully,
Member Secretary.

Encl: a) Terms & Conditions
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs.37,500/- No: 409338 dt:11.03.2022
Copy to: The individual guides

Chemical / 3.2.1 / 2021-22

Dr.N.SUBRAMANIAN <hodchemical@nandhaengg.org>

**Unacademy Webinar Incentive-received-reg**

2 messages

Dr.N.SUBRAMANIAN <hodchemical@nandhaengg.org>
To: moorthy536@gmail.com

Thu, Dec 16, 2021 at 9:26 P

Dear Sir

With reference to the webinar conducted for our (Nandha Engineering College, Erode-52) students of about 1500+ benefitted from the webinar.

In this regard, we received a sum of rupees 50000.00 (Fifty Thousand only) from Unacademy as webinar incentive through NEFT funds transfer UTR : N350210124602795 on 16.12.2021 to our account number 6715223569.

Thank you for your support rendered for our students.

Thank you

With Regards,

Dr.N.SUBRAMANIAN M.Tech,Ph.D

Head of the Department ,
Department of chemical Engineering,
Nandha Engineering College ,
Erode - 52 .

PH :- +91 9789780967
+919489746950

E mail: nsmkongu@gmail.com

<https://scholar.google.com/citations?user=nxP50McAAAAJ&hl=en&authuser=1>

<https://orcid.org/0000-0001-9794-9121>

Sathyamoorthy V <moorthy536@gmail.com>
To: "Dr.N.SUBRAMANIAN" <hodchemical@nandhaengg.org>

Thu, Dec 16, 2021 at 9:40 P

Sir

Thank you for your mail.

Mr.V.SATHYAMOORTHY
CO-FOUNDER MASTERS ACADEMY, Coimbatore
GATE EDUCATOR- UNACADEMY
Contact: 9952225825

[Quoted text hidden]




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Chemical / 3.21 / 2021-22



Your request has been completed successfully.

Transaction with reference number 206537362935925 is in Accepted state.

NEFT Funds Transfer - Confirm

16-12-2021 13:21:59 GMT +0530

UTR: N350210124602795

User Reference / Template ID:

Source Account: 1122166000042093-1122-

Beneficiary Details

Beneficiary Name: Nandha Engineering College

Beneficiary Account: 6715223569

Beneficiary Bank Details

IFSC Code: IDIB000T137

Bank Name: INDIAN BANK

Payment Details

Transfer amount: 50,000.00

Other Details

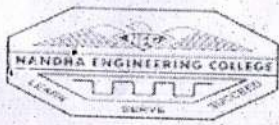
Narrative: Unacademy Webinar Incentive

Remitter Telephone No.: 9952225825

Remitter Email Id.: moorthy536@gmail.com




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Erode - 638 052.



3.21, 3.22, 3.24
Dean Mech <deanmech@nandhaengg.org>
EEE

Fwd: Approval of ideas/ proposals submitted by your Institute under the Incubation Component of MSME Innovative Scheme(Incubation, Design & IPR) of MSME Champion Scheme for GoI assistance-reg.

1 message

principal nec <principal@nandhaengg.org>
To: Dean Mech <deanmech@nandhaengg.org>

Mon, Jul 25, 2022 at 10:05 AM

Dr.Rengarajan N

Principal
Nandha Engineering College(Autonomous)
Erode-52

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

From: **MSME Innovative Scheme** <helpline-msme@gov.in>

Date: Sat, Jul 23, 2022 at 9:48 PM

Subject: Approval of ideas/ proposals submitted by your Institute under the Incubation Component of MSME Innovative Scheme(Incubation, Design & IPR) of MSME Champion Scheme for GoI assistance-reg.

To: <principal@nandhaengg.org>

विकास आयुक्त का कार्यालय
(सूक्ष्म, लघु एवं मध्यम उद्यम)
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
(भारत सरकार)

निर्माण भवन, सातवीं मंजिल, मौलाना आज़ाद रोड,
नई दिल्ली-110 108



OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA
Nirman Bhawan, 7th Floor, Maulana Azad Road,
New Delhi-110 108

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

File No. : 17(2)/ MSME Innovative/PMAC/2021-22


Date : 23-07-2022
PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

NANDHA ENGINEERING COLLEGE

Subject: Approval of ideas/ proposals submitted by your Institute under the Incubation Component of MSME Innovative Scheme(Incubation, Design & IPR) c
MSME Champion Scheme for GoI assistance-reg..

Sir,

I am directed to inform you that the idea(s) / proposals received from your Institute under the above scheme were considered by the PMAC meeting held on 22/06/2022. The committee has approved this idea(s). The details of approved idea / proposal are as under.

Sl. No.	Name of Incubatee and proposed idea of innovation	Project cost	Amount Sanctioned as GOI Share (Rs. In lakhs)	Incubatee Share (Rs In lakhs)
1	Krishna Gandhi Pachiappan , Smart Solar Waste Segregation and Management System using Internet of Things	14.750	12.538	2.212

Further, in order to release GoI grant, it is requested to go through instructions/ guidelines on Revised procedure for flow of funds under Central Sector Schemes O.M from M/o Finance, D/o Exp. vide no. 1(18)/PFMS/FCD/202dated 9.03.2022 carefully and nomination of CTTC Bhubaneswar as CNA vide letter dated No, 41(1)/Budget/MSME Champions/2021 dated 27.06.2022 for Model -2 for release of funds to HIs (For details Click here)

1. CTTC Bhubaneswar has opened Saving A/c in SBI for release of fund to HIs as CNA Account. The contact officer of CTTC, Bhubaneswar is Shri Skrout, 9437965670, skrout@cttc.gov.in
2. All HIs have to inform CTTC, Bhubaneswar about the name of SBI Branch and code, where the Sub Agency (SA) account of HI is to be opened.
3. CTTC, Bhubaneswar will integrate it with CNA account through SBI Banks help
4. HI will open new Zero Balance Current A/c in SBI in the branch shared with CTTC, Bhubaneswar and link with the CNA account.
5. HI shall share the mandate form with CTTC, Bhubaneswar and O/o DC (MSME) through email- schand@dcmsme.gov.in with a copy to ramakrishnan.v@gov.in

Yours faithfully,
(V. Ramakrishnan
Dy. Director

This is an original e-mail message. Do not reply



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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

Lr.No: TNSCST/S&T Capacity /2020-21/ 4831

27.12.2021

To
The Principal
Nandha Engineering College
Pitchandampalayam -638 052

Sir/Madam.

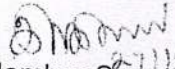
Sub: TNSCST, Chennai-25 – S&T Capacity building for industrial needs
(2020-2021) – approved grant release - reg.

Ref: Council approval dt. 28.09.2020 & Coordinators meeting dt.15.12.2021

With references to the above, it is to inform you that the approved grant of Rs.1.40,000/- (Rupees One lakh and forty thousand only) was transferred to you through NEFT as grant for organising the above programme at your institution. Balance of Rs.10,000/- will be released on submission of detailed report as per guidelines, statement of expenditure and Utilization Certificate (U.C) in duplicate as per the format enclosed within a month time after completion of Programme. Kindly send a stamped receipt in acknowledgement of grant.


Thanking you,

Yours faithfully,


27/12/21
Member Secretary

- Encl: 1.Approved budget
2. Guidelines & Format of utilization certificate
3. Copy of NEFT transfer

Copy to:
Dr.C.Siva
Prof&Head/IT
Nandha Engineering College
Pitchandampalayam -638 052


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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

RPS - Sanction Letter

File No. 8-33/FDC/RPS/POLICY-1/2021-22

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. 1316437/- being the 1st installment of the total grant of Rs. 1504500/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2021-22.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs. 1316437/- (Rupees Thirteen Lakh Sixteen Thousand Four Hundred ThirtySeven Only) as 1st installment out of a total approved grant-in-aid of Rs.1504500/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

I.	Name and address of the Beneficiary Institution (University / College / Institution)	: Registrar / Director / Principal, NANDHA ENGINEERING COLLEGE, 28, CHENNIMALAIPALAYAM ROAD, PITCHANDAMPALAYAM (PO), ERODE-638052, TAMIL NADU
II.	Principal Investigator's Name & Dept./Course	: Dr. . MARIMUTHU (ELECTRONICS AND COMMUNICATIONS ENGINEERING)
III.	Co-Principal Investigator's Name & Dept.	: RAMASAMY MURUGASAMI (ELECTRONICS & COMMUNICATION ENGG)
IV.	Grant-in-aid Sanctioned	: Rs. 1504500/- (Rs. 1128375/- for non recurring and Rs.376125/- for recurring expenditure)
V.	Amount to be Released during the year 2021-22 (as 1 st installment)	: Rs. 1316437/- (Rs. 1128375/- Full amount of non-recurring & Rs. 188062/- recurring i.e. 50 % of total sanctioned recurring grant)
VI.	Project Duration	: 3 Years
VII.	Title of the Project	: Designing a Fully Textile Fractal Monopole Wearable Antenna for Medical Imaging Applications

I. Release of funds:

1. The amount 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 NANDHA ENGINEERING COLLEGE, 28, CHENNIMALAIPALAYAM ROAD, PITCHANDAMPALAYAM (PO), ERODE-638052, TAMIL NADU through PFMS.
2. The sanctioned grant-in-aid is debit to the Major Head "601.12.a (RPS Plan)" Gen. and is valid for payment during the financial year 2021-22.
3. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
4. The 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.

II. Maintenance of account by the Institute/PI:

1. 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.
2. The grant is intended to cover items of expenditure/equipment approved by AICTE.
3. Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE within 15 days from the receipt of the grant to the following address:

Director (Faculty Development Cell), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070


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Nandha Engineering College
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Erode - 638 052.

Contd...2/

4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the undermentioned bank account/RTGS/PFMS details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute Pan No.	Bank Name	Bank Branch	Bank Branch Add.	Account Name	Holder	Account Type	Account Number	IFSC Code
AAATN48 39J	INDIAN BANK	THOTTANI	INDIAN BANK, THOTTANI BRANCH, NANDHA COLLEGE OF PHARMACY, ERODE - 638052	PRINCIPAL, NANDHA ENGINEERING COLLEGE, ERODE		Saving Account	970801700	IDIB0001137

6. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
7. Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.

III. General Instructions:

1. It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned multiple RPS Projects.
2. The duration of Project is 03 years and the date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Registrar/Director/Principal shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to be adjusted in the grant and if the University/Institution do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it. The grant has to be refunded to AICTE, through RTGS as per details given below:

Account Number	55113199952
Name of the Account Holder	Member Secretary, AICTE, New Delhi
Bank Name	State Bank of India
Branch Name	Shashtri Bhawan, New Delhi
IFSC Code	SBIN0050203

3. The Institute may constitute a Project Monitoring Committee (PMC). The composition of the PMC shall be as under:
- Principal/Director of the institution (Chairperson)
 - Two HODs from institute (Members)
 - In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
 - Coordinator of the project (Member Secretary)
4. The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.
5. Similarly, the recurring grant can be used for the items (non-recurring) sanctioned by the AICTE. No money be used for going abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant.


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(Autonomous)
Erode - 638 052.

Contd...3/-

6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
7. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and **timely release of grant to PI** for completion of the Project.
8. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. **The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Monitoring Committee (PMC).**
9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.
11. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

IV. Submission of documents by the institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:


- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
- v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

Contd.....4/-


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V. Approved List of Items under Non-recurring grant:

S. No.	Approved Items (As per proposal)	No. of Units	Amount recommended (in Rs.)
A.	Non-recurring		
i)	ADVANCED MEASUREMENT KIT	1	Rs. 1128375/-
ii)	DISTANCE TO FAULT	1	
iii)	EMI MEASUREMENT KIT	1	
iv)	MODULATION ANALYSIS OPTIONS (ASK, FSK SVA 1000X-DMA & AM, FM SVA 1000X-AMA)	1	
v)	Mechanical Calibration Kit:	1	
vi)	Mechanical Calibration Kit:	1	
vii)	Near Field Probe Kit SRF5030T	1	
viii)	RF ANECHOIC CHAMBER SMALL CUSTOMIZE	1	
ix)	SPECTRUM & VECTOR NETWORK ANALYZER 7.5 GHZ WITH EMI MEASUREMENT	1	
x)	UTILITY KIT	1	
xx)		1	
B.	Recurring i.e. 50% of total approved recurring grant) for Contingencies & Consumables only		Rs. 188062/-
	Grand Total (A) + (B)		Rs. 1316437/-

Copy forwarded for information and necessary action to:

1. REGISTRAR / DIRECTOR / PRINCIPAL,

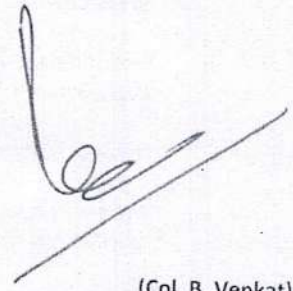
NANDHA ENGINEERING COLLEGE,
28, CHENNIMALAIPALAYAM ROAD,
PITCHANDAMPALAYAM (PO),
ERODE-638052, TAMIL NADU

2. NAME OF PRINCIPAL INVESTIGATOR,

Dr. . MARIMUTHU,
(ELECTRONICS AND COMMUNICATIONS ENGINEERING)
NANDHA ENGINEERING COLLEGE,
28, CHENNIMALAIPALAYAM ROAD, PITCHANDAMPALAYAM (PO),
ERODE-638052, TAMIL NADU

3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.

4. GUARD FILE



(Col. B. Venkat)
Director (FDC)


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Nandha Engineering College
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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Human Resource Development Group
CSIR Complex, Library Avenue, Pusa, New Delhi 110 012
Tel : 011 2584 1037
Email: symposia.travel@gmail.com , web <http://csirhrdg.res.in>

Hemant Kulkarni
Senior Principal Scientist

Ref No. SYM/10687/21-HRD
November 25, 2021

Dr T Jayakumar
Associate Professor, Dept. of EEE
Nandha Engineering College
Perundurai, Erode District - 638 052 Tamil Nadu

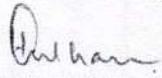
SUBJECT: Emerging Advancements in Battery Technology For Future Electric Vehicle Applications during Dec 21-21,2021 at Nandha Engineering College, Erode

Dear Dr Jayakumar

With reference to your application on the above subject, we are happy to inform you that Director General, CSIR has been pleased to sanction a grant of **Rs.20000/- (Rupees Twenty Thousand Only)** subject to the following conditions:

1. The grant received from CSIR should be duly acknowledged by email along with a certificate that the grant would be specifically utilized for the purpose for which it has been sanctioned.
2. The grant may be reimbursed within four months from the date of Conference/Seminar/Workshop etc. is over by filling-in the Grant-in-Aid Bill Form in duplicate duly signed and rubber stamped by the concerned officials, indicating clearly the designation of the official along with Audited Statement of Expenditure for release of grant. Current Proforma for Grant-in-aid bill, Audited Statement of Expenditure and NEFT are available on our website <http://csirhrdg.res.in/Home/Index/1/InPage/53/14>. If any Utilization Certificates of Previous Grant for symposia (as per Col.No. 15 of the Application Performa) is not submitted till date, please attach copies of Utilization Certificates also. Any claim received beyond 4 months will be entertained only in exceptional cases subject to submission of reasons for delay, duly forwarded through Head of the Organization. In no case, the claim will be entertained after 6 months. All the pages of above documents should be self attested by the organizer.
3. Invitation cards should be sent to the Director General, CSIR and Head, HRDG. CSIR may nominate three scientists for the above event and registration fee should not be charged from them. In case of nomination, the Head, HRDG or the undersigned would issue a letter with a copy to the nominee(s).
4. Softcopy (preferably in Pen Drive/CD/ DVD in PDF format) of the full paper proceedings of above event should be sent to the undersigned.
5. An overall activity report by the Convener / Organizing Secretary should be made available by email to us with regard to outcome of the gathering, the recommendations and plan of action for future. The names, addresses & email IDs of the participants / delegates should also be sent immediately after the event by email.

Yours sincerely,


(Hemant Kulkarni)

Copy to: Audit (EMR) HRDG


PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.



ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

Near Village Bhat, Via Ahmedabad Airport & Indira Bridge, P.O. Bhat - 382 428, Dist. : Gandhinagar, Gujarat. India.

Tel. : +91-79-23969153, 23969158, 23969159, 23969161

E-mail : info@ediindia.org

Telefax : +91-79-23969164

Website : www.ediindia.org

S. B. Sareen

Sr. Faculty & Project Director: DST-NIMAT

EDII/DST-NIMAT/19-20/359

Date: 12/08/2019

SPEED POST

Dr. N. Rengarajan

Principal

Nandha Engineering College

Erode Perundurai Main Road

Erode - 638 052

Tamil Nadu

Kind Attention: Dr. B. Girimurugan, Associate Professor & EDC Coordinator

Dear Sir,

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

Greetings from Entrepreneurship Development Institute of India, Ahmedabad!

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

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

Sr. No.	Activity / Programme	No.	Amount in Rs.	Locations
1	Entrepreneurship Awareness Camp (EAC)	2	40000	As mentioned in proposal
	Total	2	40000	

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

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

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

The funds will be transferred through RTGS/NEFT. Please make sure that the above said documents must reach us as early as possible, but not later than **ONE MONTH** of receiving this sanction letter. Non receipt of the same may be considered as your unwillingness to take up the programme(s).


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Erode - 638 052

Dr. N. Rengarajan / MBA
Principal / Dean, P.A.D.



For any additional information, please contact either me (Email ID: sareen@ediindia.org, Mobile: 09925110040) or my colleague Mr. Prakash Solanki (Email ID: psolanki@ediindia.org, Mobile: 09723816384).

We look forward to have a long term professional relationship.

Thanking you, with regards,

(S. B. Sareen)
Encl.: a. a

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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

Lr.No: TNSCST/S&T Capacity /2020-21/ 4831

27.12.2021

To
The Principal
Nandha Engineering College
Pitchandampalayam -638 052

Sir/Madam.

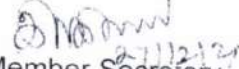
Sub: TNSCST, Chennai-25 – S&T Capacity building for industrial needs
(2020-2021) – approved grant release - reg.

Ref: Council approval dt. 28.09.2020 & Coordinators meeting dt. 15.12.2021

With references to the above, it is to inform you that the approved grant of
Rs.1,40,000/- (Rupees One lakh and forty thousand only) was transferred to you
through NEFT as grant for organising the above programme at your institution.
Balance of Rs.10,000/- will be released on submission of detailed report as per
guidelines, statement of expenditure and Utilization Certificate (U.C) in duplicate as
per the format enclosed within a month time after completion of Programme. Kindly
send a stamped receipt in acknowledgement of grant.

Thanking you,

Yours faithfully,


Member Secretary

- Encl: 1.Approved budget
2. Guidelines & Format of utilization certificate
3. Copy of NEFT transfer

Copy to:
Dr.C.Siva
Prof&Head/IT
Nandha Engineering College
Pitchandampalayam -638 052


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Erode - 638 052.

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

RPS - Sanction Letter

AQIS ID: 1-9287395171

File No. 8-33/FDC/RPS/POLICY-1/2021-22

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

18 Date: 2022

Sub: Release of a sum of Rs. 1316437/- being the 1st installment of the total grant of Rs. 1504500/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2021-22.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs. 1316437/- (Rupees Thirteen Lakh Sixteen Thousand Four Hundred ThirtySeven Only) as 1st installment out of a total approved grant-in-aid of Rs.1504500/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

I.	Name and address of the Beneficiary Institution (University / College / Institution)	: Registrar / Director / Principal, NANDHA ENGINEERING COLLEGE, 28, CHENNIMALAIPALAYAM ROAD, PITCHANDAMPALAYAM (PO), ERODE-638052, TAMIL NADU
II.	Principal Investigator's Name & Dept./Course	: Dr. . MARIMUTHU (ELECTRONICS AND COMMUNICATIONS ENGINEERING)
III.	Co-Principal Investigator's Name & Dept.	: RAMASAMY MURUGASAMI (ELECTRONICS & COMMUNICATION ENGG)
IV.	Grant in aid Sanctioned	: Rs. 1504500/- (Rs. 1128375/- for non recurring and Rs.376125/- for recurring expenditure)
V.	Amount to be Released during the year 2021-22 (as 1 st installment)	: Rs. 1316437/- (Rs. 1128375/- Full amount of non-recurring & Rs. 188062/- recurring i.e. 50 % of total sanctioned recurring grant)
VI.	Project Duration	: 3 Years
VII.	Title of the Project	: Designing a Fully Textile Fractal Monopole Wearable Antenna for Medical Imaging Applications

I. Release of funds:

- The amount 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 NANDHA ENGINEERING COLLEGE, 28, CHENNIMALAIPALAYAM ROAD, PITCHANDAMPALAYAM (PO), ERODE 638052, TAMIL NADU through PFMS.
- The sanctioned grant-in aid is debit to the Major Head "601.12.a (RPS Plan)" Gen. and is valid for payment during the financial year 2021-22.
- The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
- The 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.

II. Maintenance of account by the Institute/PI:

- 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 grant is intended to cover items of expenditure/equipment approved by AICTE.
- Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE within 15 days from the receipt of the grant to the following address:

Director (Faculty Development Cell), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070


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Contd...2/

4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the undermentioned bank account/RTGS/PFMS details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant:-

Institute Pan No.	Bank Name	Bank Branch	Bank Branch Add.	Account Name	Holder	Account Type	Account Number	IFSC Code
AAATN4839J	INDIAN BANK	THOTTANI	INDIAN BANK, THOTTANI BRANCH, NANDHA COLLEGE OF PHARMACY, ERODE - 638052	PRINCIPAL, NANDHA ENGINEERING COLLEGE, ERODE		Saving Account	970801700	IDIB0001137

6. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant in-aid and a register for assets shall be maintained by the institute in the prescribed form i.e. GFR-19.
7. Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.

III. General Instructions:

1. It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned multiple RPS Projects.
2. The duration of Project is 03 years and the **date of release of the grant by AICTE shall be taken as the date of commencement of the project.** The Registrar/Director/Principal shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to be adjusted in the grant and if the University/Institution do not take-up the project work **within 6 months** of the receipt of the grant, approval shall *ipso facto* lapse and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it. The grant has to be refunded to AICTE, through RTGS as per details given below:

Account Number	55113199952
Name of the Account Holder	Member Secretary, AICTE, New Delhi
Bank Name	State Bank of India
Branch Name	Shashtri Bhawan, New Delhi
IFSC Code	SBIN0050203

3. The Institute may constitute a Project Monitoring Committee (PMC). The composition of the PMC shall be as under:
- Principal/Director of the institution (Chairperson)
 - Two HODs from institute (Members)
 - In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
 - Coordinator of the project (Member Secretary)
4. The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the institute from its own resources.
5. Similarly, the recurring grant can be used for the items (non-recurring) sanctioned by the AICTE. No money be used for going abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference **within the country**, the travel expenses may be met from the recurring grant.


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Contd...3/

6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
7. The institute/University shall not charge any overheads on this Project and will provide all the administrative support **and timely release of grant to PI** for completion of the Project.
8. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. **The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Monitoring Committee (PMC).**
9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.
11. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

IV. Submission of documents by the institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:


- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. Audited record of assets acquired wholly or substantially out of the grant in aid and a register for assets in the prescribed form i.e. GFR-19.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
- v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

Contd....4/


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V. Approved List of Items under Non-recurring grant:

S. No.	Approved Items (As per proposal)	No. of Units	Amount recommended (in Rs.)
A.	Non-recurring		
i)	ADVANCED MEASUREMENT KIT	1	Rs. 1128375/-
ii)	DISTANCE TO FAULT	1	
iii)	EMI MEASUREMENT KIT	1	
iv)	MODULATION ANALYSIS OPTIONS (ASK, FSK SVA 1000X-DMA & AM, FM SVA 1000X-AMA)	1	
v)	Mechanical Calibration Kit:	1	
vi)	Mechanical Calibration Kit:	1	
vii)	Near Field Probe Kit SRF5030T	1	
viii)	RF ANECHOIC CHAMBER SMALL CUSTOMIZE	1	
ix)	SPECTRUM & VECTOR NETWORK ANALYZER 7.5 GHZ WITH EMI MEASUREMENT	1	
x)	UTILITY KIT	1	
xx)		1	
B.	Recurring i.e. 50% of total approved recurring grant) for Contingencies & Consumables only		Rs. 188062/-
	Grand Total (A) + (B)		Rs. 1316437/-

Copy forwarded for information and necessary action to:

- REGISTRAR / DIRECTOR / PRINCIPAL,
NANDHA ENGINEERING COLLEGE,
28, CHENNIMALAIPALAYAM ROAD,
PITCHANDAMPALAYAM (PO),
ERODE-638052, TAMIL NADU
- NAME OF PRINCIPAL INVESTIGATOR,
Dr. . MARIMUTHU,
(ELECTRONICS AND COMMUNICATIONS ENGINEERING)
NANDHA ENGINEERING COLLEGE,
28, CHENNIMALAIPALAYAM ROAD, PITCHANDAMPALAYAM (PO),
ERODE-638052, TAMIL NADU
- OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.
- GUARD FILE



(Col. B. Venkat)
Director (FDC)



PRINCIPAL
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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Human Resource Development Group

CSIR Complex, Library Avenue, Pusa, New Delhi 110 012

Tel : 011 2584 1037

Email: symposia_travel@gmail.com web <http://csirhrdg.res.in>

Hemant Kulkarni
Senior Principal Scientist

Ref No. SYM/10687/21-HRD
November 25, 2021

Dr T Jayakumar

Associate Professor, Dept. of EEE
Nandha Engineering College
Perundurai, Erode District - 638 052 Tamil Nadu

SUBJECT: Emerging Advancements in Battery Technology For Future Electric Vehicle Applications during Dec 21-21,2021 at Nandha Engineering College, Erode

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Yours sincerely,


(Hemant Kulkarni)

Copy to: Audit (EMR) HRDG


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