



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING



Approved by All India Council for Technical Education, New Delhi

Affiliated to Anna University, Chennai

NAAC Accredited Institution & NBA Accredited Courses (Mech. Engg., ECE, CSE, IT)

"Nizara Educational Campus" Muthapudupet, Avadi-IAF, Chennai - 55.

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

DVV Comments	HEI Response	Title of the Grant	Page No.
<p>HEI to provide the sanction letter highlighting the sanctioned amount from the funding agency for all the grants; HEI to provide evidence of e-transfer and also highlighting the same in the audited statement for the research project to the following teachers:</p> <p>1) Anjan Kumar Sahu (2018) 2) A. Anwar Basha (2019) 3) M.S. Rajan (2020) 4) Mrs. G. Sulthana Begam (2022) 5) Mr. P.Muniraja Chandra (2022)</p>	<p>1. Sanction letter for the sanctioned amount from the funding agency is attached.</p> <p>2. Proof of Fund/Amount received from the funding agency is attached.</p>	1) Anjan Kumar Sahu (2018)	2-4
		2) A. Anwar Basha (2019)	5-7
		3) M.S. Rajan (2020)	8
		4) Mrs. G. Sulthana Begam (2022)	9,10
		5) Mr. P.Muniraja Chandra (2022)	11-13




PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING

2.

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
DOTE CAMPUS, CHENNAI-600025

APPROVED LIST OF STUDENT PROJECTS 2018-2019
ENGINEERING STREAM

CHEMICAL ENGINEERING

No.	Guide Name & Address	Title of the Project	Student(s) Name	Code	Amt. Rs.
001	Dr. S. Venkatesan Associate Professor Dept. of Petrochemical Technology Anna University (BIT Campus) Tiruchirappalli - 620024	Deep desulfurisation of liquid fuels using ionic liquids	Abirami R Saranya R	CHE-001	7500/-
002	Dr. N. Samsudeen Assistant Professor Dept. of Chemical Engineering National Institute of Technology Tiruchirappalli - 620015	Design of a controller for enhancing the hydrogen production in microbial electrolysis cell	Amal Premkumar K P	CHE-002	7500/-
003	K Chithra Associate Professor Dept. of Chemical Engineering A.C.Tech. Anna University Chennai-600025	Experimental Studies on Residual vacuum oil viscosity reduction	K Zeliyan	CHE-003	7500/-
004	Dr P Mullai Professor Dept. of Chemical Engineering Annamalai University Chidambaram-608002	Bitumen binding with lignin for road construction - An eco-friendly approach	J Iyyappan	CHE-004	7500/-
005	K P Bhuvana Associate Professor Dept. of Plastics Technology Central Institute of Plastics Engineering and Technology Chennai-600032	Development of long lasting polymer material for floaters systems to install photovoltaic panels in water bodies	Aakashai Kumar G Gayathri V Priya S Rathimalar S	CHE-005	7500/-
006	N Subramanian Assistant Professor Dept. of Chemical Engineering Kongu Engineering College Erode-638060	Biodegradable plastic from mixed starch	Haritha S R Chandra Choodan K Dravid Madhusudhanan K	CHE-006	7500/-
007	Raj Kumar A Assistant Professor Dept. of Petrochemical Engineering SVS College of Engineering Coimbatore-642109	Efficient Removal Of Acid And Base Dye From Aqueous Solution Using A Nanocomposite Of Polypyrrole grafted Sodium Alginate And Incorporated Bentonite	Mohamed Yasser I	CHE-007	7500/-
008	Dr J B Veeramani Assistant Professor Dept. of Chemical Engineering Sri Sathya Sai Institute of Higher Learning Chennai-600072	Comparative study and oxidative stability of various natural antioxidant potentials in essential oils	V N Kavya N U Yuvasri	CHE-008	7500/-
009	Dr. J. S. Senthil Assistant Professor Dept. of Chemical Engineering Sri Sathya Sai Institute of Higher Learning Chennai-600072	Synthesis Of Microcrystalline Cellulose, Silica And Imporing	G Ashwin A John	CHE-009	7500/-



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346	Dr. Umashankar S HOD Vellore Institute of Technology Vellore - 632 014	IoT based smart refrigeration with smart environment and industry	Mariya Sebastian Pranathy, V.N	EME- 078	7500/-
347	Mr. S. Srinivasan Assistant Professor Dept. of Mechanical Engineering Nehru Institute of Technology Jawahar Garden Coimbatore - 641 105	Design and Fabrication of manual stair climbing chair for sick patients	Reslin, C.R Vishnu, K.M Suraj A.K Sreejith	EME- 079	7500/-
348	T. Elangovan Assistant Professor Dept. of Mech. Engg. Sri Ramakrishna Institute of Technology, Pachapalayam Coimbatore - 641 010	Design and fabrication of gravity power generation system	Michael Arockia Sefrin, A Pavithran, A Praveenkumar, R	EME- 080	7500/-
349	Mr. S. Vasanthaseelan Assistant Professor Dept. of Auto Mobile Engg., SNS College of Technology, SNS Kalvi Nagar Coimbatore - 641 035	Extraction of biodiesel from algae	B. Adhiban M. Mithilesh L. Kiran Gupta	EME- 081	7500/-
350	Dr V Suresh Professor Mar Ephraem College of Engineering and Technology Marthandam - 627171	Spot and shoot robot; a vision dependent robot for border security	Bodhin Lakshya B S Abisha Mol T Adlin Suriya S	ME- 082	7500/-
351	Mr. A. Prabhakaran Assistant Professor Dept. of Automobile Engg., Kumaraguru College of Tech. Chinnayadampatti Coimbatore - 641 049	Development of Driver safety system to avoid accidents	Mr. Gobinath, M.C Guruprasad, A Prabakaran, P	EME- 083	7500/-
352	Mr. L. Prince Jeya Lal Assistant Professor Dept. of Mech. Engg. KCG College of Technology Karapakkam, Chennai - 97	Development of Exo-Skeleton for Farmers	Kishore, K Karthikeyan, A	EME- 084	7500/-
353	S Surya Assistant Professor Dept. Of Mechanical Engg., AVS College of Technology Salem - 636106	Investigation of Solar Water Heater using Phase Change Material (PCM)	Sathis M Suriya P	EME- 085	7500/-
354	Anjan Kumar Das Assistant Professor Dept. of Mech. Engg. Aalim Muhammed Salegh College of Engineering Muthupadu, Chennai - 55	Generation of drinking water from humid atmospheric air in coastal region	Mohamed Yashir, M Mohamed Marsath, M Mohammed Fahad, F Safat Ahmed, H	EME- 086	7500/-
355	P. Surender Assistant Professor Dept. of Mech. Engg. Engineering College Chennai - 600 055	Automatic DIM Bright control of vehicle head lights	K.A. Kavinkumar A. Logendranathan R. Muralidharan	EME- 087	7500/-
356	Dr. Maheshwaran, C.H Assistant Professor Dept. of Mech. Engg. Maheshwaran Engineering College B. Z. Hissai, Chennai - 600089	Design and fabrication of borewell child rescue machine	Maheshwaran, C.H Manikandan, P Melvin Irudhayan, M	EME- 088	7500/-



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11/8/2022 01/19
O O M M Y Y Y Y

PAY The Principal, Aalim Mohammed Salegh College
RUPEES रुपये Seven thousand five hundred only

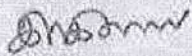
वा धारक को OR BEARER

अवा करें ₹ 7500

खा. सं.
A/c No. SB 479135159

FOR MEMBER SECRETARY TN STATE COUNCIL FOR SCIENCE & TECHNOLOGY

CBS Code: 01636


AUTHORISED SIGNATORY

PAYABLE AT PAR AT ALL OUR BRANCHES

Please sign above

992000067

⑈ 794917⑈ 6000191191 135159⑈ 31




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COLLEGE OF ENGINEERING



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
 DOTE Campus, Chennai-600025



STUDENT PROJECT SCHEME 2019-2020
APPROVED LIST OF PROJECTS - ENGINEERING STREAM

No.	Guide Name & Address	Title of the Project	Student(s) Name	Code	Amt. Rs.
165.	Mr. A. Anwar Basha Asst. Professor Dept. of ECE Aalim Muhammed Salegh College Of Engineering Chennai - 600 055	Regulation of mtc bus with passenger alert system	R.Anbarsu M.H.Mohamed Saaleem A.Nibin Abraham R.Thanikachalam	EEE-038	7500/-

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 ALIM MUHAMMED SALEGH
 COLLEGE OF ENGINEERING



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.tanscet.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
Aalim Muhammed Salegh College of Engineering
Chennai - 600 055

Sir/Madam,

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

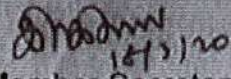
With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and Seminar Paper in Time.

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.

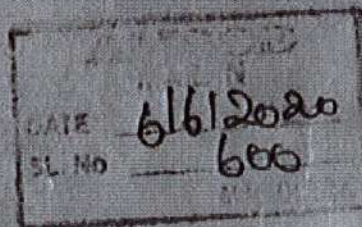
Thanking you,

Yours faithfully,


18/3/20
Member Secretary

- Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs.7500/- No: 852836 dt 18.03.2020

Copy to: Individual Guides




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PAY The Principal, Aalim Muhammed Salegh College of Engineering, Chennai या धारक को OR BEARER

RUPEES रुपये, Seven thousand and five hundred only


अदा करें ₹ 7500/- ✓

खा.सं.
Ac No.

SB 479135159

FOR MEMBER SECRETARY TN STATE COUNCIL SCIENCE AND TE

CBS Code: 01636


AUTHORISED SIGNATORY

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PRINCIPAL
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COLLEGE OF ENGINEERING

PALS

innoWAH!
Innovation Competition

27th JUNE, 2020

CERTIFICATE OF APPRECIATION

Awarded to **MR. M.S.RAJAN,** ASSISTANT PROFESSOR from
AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING, a Partner Institute of
PALS 2019-20 for being the **FACULTY MENTOR** of the **SMART UNDER-WATER ROBOTIC CLEANER**
project team, which qualified as one of the **THIRTY FIVE FINALIST-TEAMS** in the innoWAH! Innovation
Competition. Team participated in the finals and exhibition conducted at the
IIT MADRAS RESEARCH PARK, CHENNAI on **26th February 2020** and is awarded a Finalist Team Prize of
₹5000.

R. Krishnamurti Rao

R. Krishnamurti Rao
innoWAH! Champion

Mohan Narayanan

Mohan Narayanan
Chairman, PALS

PALS, an initiative of all the IIT Alumni, inception in 2012, focuses on augmenting the academic year, touching students, and has offered various activities through the academic year, touching students,

tion. PALS continues to grow every year ment of the Engineering Institutions

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Jayaa Financial Services India Pvt. Ltd

126, Ground Floor , 4th Street Sundar Nagar, Guindy , Chennai, Tamil Nadu, India - 600032.
Email: jayachandrantvr775@gmail.com| Phone: +91 96888 91073

Ref No: JFS/2022/WD/MAR/04

Date: 04, Feb, 2022

To

Mrs. G. SulthanaBegam,
Assistant Professor, Department of CSE,
AalimMuhammedSalegh College of Engineering,
Avadi, Chennai – 600 055.

Subject: Sanction Letter for Funded Project - Web Designing

Dear Mrs. G. SulthanaBegam,

We are pleased to inform you that **Jayaa Financial Services Pvt. Ltd., Chennai** has sanctioned the amount of **Rs. 10,000/- (Rupees Ten Thousand Only)** for the funded project titled **"Web Designing of www.jayaasolarpower.com"**. The details of the project are as follows:

- **Sanctioned Amount:** Rs. 10,000/-
- **Sanction Date:** 04, Feb, 2022
- **Project Duration:** 1 Month
- **Project Start Date:** 04, Feb, 2022
- **Project End Date:** 05, March, 2022

We expect the project to be completed within the stipulated timeframe with high standards of design and functionality. The deliverables should align with the specifications discussed during our prior communication.

We look forward to a successful collaboration and appreciate your expertise and support in this initiative.

Thank you.


Yours sincerely,

Jayachandran TVR,

Director

Successful!!

Money sent to XXX47286 successfully!

Amount

₹ 10,000

From

043 100710 400117

To

2980010100047286

Beneficiary Name

principal

IFSC Code

PUNB0491900

Transaction Date

04/03/2022 07:28 PM

Transaction ID



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TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
DOTE Campus, Chennai- 25

STUDENT PROJECTS SCHEME 2022-2023

LIST OF APPROVED PROJECTS

S.No	Guide Name & Institution	Title of the Project	Students Name	Project Code	Amount Rs.
CHEMICAL ENGINEERING					
565.	Mr.Selvaprakash P Assistant Professor Dept of Chemical engineering Erode Sengunthar Engineering College, Perundurai Erode - 638 057	Recovery of sodium sulphate and sodium carbonate salts from textile effluent	Santhoshkumar S Johnson R Muhammed Sayis	CHE-031	7500/-
566.	Mr. Raj Kumar A Assistant Professor Dept of Chemical Engineering Hindusthan College of Engineering And Technology Coimbatore - 641 032	Preparation of bio pickering emulsion liquid membrane for selective extraction of ciprofloxacin with the help of Fe ₃ O ₄	Gokul Jothi R Mohan Raj M Gokulasezhiyan S	CHE-052	7500/-
567.	Dr.Kavitha.S Professor and Head Dept of Petrochemical Engg. JCT College of Engineering and Technology, Pichanur Coimbatore - 641 105	Development of advanced nanotech steel using modern and effective nanotechnology	Mahesh Kannan.M Kamalakaran.G Mayur Mangesh Ghatkar.M Dhanasekaran.S	CHE-066	7500/-
568.	Dr. Karthik A Associate Professor Dept of Nano Science and Technology K S Rangasamy College of Technology Tiruchengode - 637 215	Orderly arranged bismuth oxide nanosheet/graphitic carbon nitrate (Bi ₂ O ₃ /g- C ₃ N ₄) composite as electrode material for supercapacitor applications	Naren Vidaarth T M Jagannathan M	CHE-071	7500/-
569.	Mr.Raghunath D Dept of Mechanical Engineering K.Ramakrishnan College of Technology, Trichy - 621 112	Thermal behaviour analysis in heat pipe with composite insulation	Athavan E Dhinesh R Dony Kingsly A Gokul S	CHE-075	7500/-
570.	Dr. Aruna Janani V Associate Professor and Head, Dept of Chemical Engineering Kalasalingam academy of Research and Education Krishnankoil- 626 126	A novel jacketed tumbling homogeneous powder mixer for hazard prevention in fireworks	Boligarla Vinay Prabhu M	CHE-078	7500/-
571.	Dr. Baskaran.R Associate Professor Dept of Bio Technology Kamaraj College of Engineering & Technology Virudhunagar -625 701	Development of high performance high voltage insulator for power transmission line from blends of EPDM rubber/ethylene vinyl acetate copolymer containing silica	P.Raakesh Kumar D.Muhammed Aashik D.Vignesh	CHE-079	7500/-



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907.	Kavitha R Assistant Professor Dept. of ECE Vivekananda College of Engineering For Women Tiruchengode – 637 205	Optimized and controlled charging of solar panel	Gowsika R S Malathiga D Kanimozhi K Kasthuri M	EEE-2216	7500/-
908.	Dr.G.Kalaarasasi Associate Professor Dept. of ECE VSB Engineering College Karur-639 111	Effective development of E- commerce website for artisans community peoples	Shooriya Prabhaa.S Sakthi Kowshal.D Vidhya.P Tamizhanangu.S	EEE-2248	7500/-
MECHANICAL ENGINEERING					
909.	Mr.G.Pradeep Kumar Assistant Professor Department of Mech. Engg. AVS College of Technology Chinnagoundapuram Salem-636 106	Fabrication of electro chemical micro machining test apparatus	S. Santhosh A. Manimaran S. Sasikumar S. Rahul	EME-0001	7500/-
910.	Mr.A.Vignesh Moorthy Pandian Assistant Professor Department of Mech. Engg. AAA College of Engineering and Technology Amathur, Sivakasi-626 005	Affordable and water conservation dish washer	M. Vigneshwaran A. Subhas K. Thazhaieswaran	EME-0002	7500/-
911.	Mr.P.Muniraja Chandra Assistant Professor Department of Mech. Engg. Aalim Muhammed Salegh College of Engineering, Chennai- 600 055	Design and development of portable plastic chip crusher	A. Muhammad Mushthaq	EME-0003	7500/-
912.	Mr.K.Vijayakumar Assistant Professor Department of Mech. Engg. Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation Paiyanur- 603 104	Design and fabrication of motorized exoskeleton arm	Brajesh Kumar Rahul Kumar Vikash Kumar Singh	EME-0006	7500/-
913.	Dr.D.Madhesh, Professor Department of Mech. Engg. Academy of Maritime Education and Training AMET University Kanathur, Chennai- 603 112	Less expensive desalination by unconventional method	Palan Danish Ravi Amod Thakre	EME-0010	7500/-
914.	Dr.Pandiyarajan Head of the department Department of Mechatronics Engineering Agni College of Technology Chennai- 600 130	Development of automated smart ration vending machines using -TNPDS family card	B. Rohith N. Vidhyasagar V. Bhuvanesh	EME-0017	7500/-
915.	Mr.M.Selvaraju, Assistant Professor Department of Mechanical Engg Akshaya College of Engg. and Tech., Coimbatore- 642 109	360° Rotating conveyor	S. Akash P. Manojkumar VD. Nabil M. Pravinkumar	EME-0029	7500/-




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TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)
Directorate of Technical Education Campus, Chennai - 600 025
Ph: 044-22301428, www.tanscal.org.in

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

Lr.No.TNSCST/SPS/BS/2022-2023

03.03.2023

To
The Principal
Aalim Muhammed Salegh College of Engineering,
Muthapudupet, Avadi-IAF, Chennai- 600 055

Sir/Madam,

Sub: TNSCST - Student Project Scheme - 2022-2023 - 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 on Time.


1	Mr P Muniraja Chandra, Assistant Professor Department of Mechanical Engineering Aalim Muhammed Salegh College of Engineering, Muthapudupet, Avadi-IAF, Chennai- 600 055	Design and development of portable plastic chip crusher	A. Muhammad Mushthaq,	EME-0003	The Principal	Rs 7500/-
Total						Rs 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) on completion of the project.

Thanking you,

Yours faithfully,


31/3/23
Member Secretary

- Encl. a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs. 7500/- Cheque No 574714 dt.03.03.2023

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IFS Code : IDIB000D050

दिनांक
Date

VALID FOR THREE MONTHS ON

03032022
D D M M Y Y Y



Principal, Alim Muhammed Salegh College of Engineering, Chennai
Seven thousand five hundred only

अदा करे

₹ 7500/-

479135159

FOR MEMBER SECRETARY, TAMILNADU STATE COUNCIL SCIENCE & TECHNOLOGY
CBS Code: 01636

PAYABLE AT PAR AT ALL OUR BRANCHES

AUTHORISED SIGNATORY

Please sign at

⑈574714⑈ 6000191191 135159⑈ 31

event of any such changes, sponsoring will be treated as canceled and the college should return the sanctioned amount to TNSCST