



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

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

11.03.2022

To

The Principal
SSM Institute of Engineering and Technology
Dindigul-624002.

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. D. Manoj Assistant Professor, Department of EEE SSM Institute of Engg and Tech., Dindigul-624002 | High efficiency wireless power transfer systems for electric vehicle applications | K. Vigneshwaran, P. Ramkumar, K. Thanuj, J. Viswakshenan | EEE 1544 | 7500/- |
| 2 | Dr. Dhamodharan S Assistant Professor, Department of Electronics and Communication Engineering SSM Institute of Engg and Tech., Dindigul-624002 | Design of menstrual cycle calculator app with gynae bot interface using react native frame work | R. Madhumitha, C. N. Nalli Sneha, M. Keerthana, M. Priyadarshini | CSE-0231 | 7500/- |
| 3 | Dr. V. Kandavel Associate Professor, Dept. of Mechanical Engineering SSM Institute of Engg and Tech., Dindigul-624002 | Investigate the mechanical properties of e-glass fibre & s-glass fibre reinforced with polymer matrix composites | Adithyan.B Afzal Ibrahim.M Aktharali.S Anand Albert Raja.A | EME-0388 | 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,

Yours faithfully,

Member Secretary

- Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs. 22,500/- No. 409455 dt 11.03.2022

Copy to: The individual guides



Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)

Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu P.O.,
Palani Road, Dindigul - 624 002

Account No. XXXXXXXXXXXX1657 - Quick View

Account Type : Easy Access Salary Account

Lien Amount : 0.00

IFSC Code : UTIB0000352

MICR Code : 625211004

Branch Name : Dindigul [Tn]

Open date : 17-07-2014

Currency : INR

Nominee Name : Murugeswari K

Average Balance Maintained : INR 15,012.83

Detailed Statement for a/c no. XXXXXXXXXXXX1657 between 01-06-2022 to 30-06-2022
Account Statement

| Txn Date | Transaction | Withdrawals | Deposits | Balance | Other Information |
|------------|--|-------------|-----------|-----------|-------------------|
| | Opening Balance | | | 21084.41 | |
| 01-06-2022 | UPI/P2M/215230218395/SVR STORE/Yes Bank /Svr | 200.00 | | 20,884.41 | |
| 02-06-2022 | IMPS/P2A/215313912072/KANDAEL/STATEBAN/MOBLTA01 | | 14,000.00 | 34,884.41 | |
| 02-06-2022 | UPI/P2A/215355177850/PANDIARAJ/UCO Bank/Kalan sm | 65.00 | | 34,819.41 | |
| 02-06-2022 | UPI/P2A/215355248182/Mr SARAVA/Central B/Chit ju | 1,000.00 | | 33,819.41 | |
| 03-06-2022 | ATM-CASH/ANNA NAGAR - DINDI/DINDIGUL/030622 | 3,000.00 | | 30,819.41 | |
| 03-06-2022 | UPI/P2M/215478291346/ASAIPRIYA/Axis Bank/M | 30.00 | | 30,789.41 | |
| 04-06-2022 | BRN-PYMT-CARD-4400060108039837 | 27,098.01 | | 3,691.40 | |
| 04-06-2022 | IMPS/P2A/215515744590/KANDAEL/STATEBAN/MOBLTA14 | | 2,478.00 | 6,169.40 | |
| 04-06-2022 | UPI/P2M/215511407508/SVR STORE/Yes Bank /Svr | 546.00 | | 5,623.40 | |
| 05-06-2022 | UPI/P2A/215632169277/MAYILVADI/State Ban/Cable j | 250.00 | | 5,373.40 | |
| 06-06-2022 | UPI/P2A/215752575585/MURUGESAN/Karur Vys/Mathis | 100.00 | | 5,273.40 | |
| 06-06-2022 | NEFT/415998618/V KANDA/ICICI B/NEFT//Vl/KANDAEL | | 2,000.00 | 7,273.40 | |
| 07-06-2022 | BRN-PYMT-CARD-4514570024032818 | 5,612.90 | | 1,660.50 | |
| 09-06-2022 | UPI/P2M/216024567132/CREAMS CA/Yes Bank /Pizza | 210.00 | | 1,450.50 | |
| 09-06-2022 | UPI/P2A/216081337678/NAMBIRAJ /DBS Bank /balance | | 428.00 | 1,878.50 | |
| 11-06-2022 | BY CASH DEPOSIT-BNA/CWRO35205/4242/110622/DINDIGU | | 14,000.00 | 15,878.50 | |
| 11-06-2022 | ECOM PUR/LIC/Mumbai/110622/12:08 | 3,062.00 | | 12,816.50 | |
| 12-06-2022 | UPI/P2A/216384032913/Mr PMurug/Indian Ba/Kandave | 5,000.00 | | 7,816.50 | |
| 12-06-2022 | POS/AVENUE FOOD PLAZA/DINDIGUL/120622/19:20 | 25.00 | | 7,791.50 | |
| 13-06-2022 | UPI/P2M/216420403895/SVR STORE/Yes Bank /Svr | 57.00 | | 7,734.50 | |
| 15-06-2022 | UPI/P2A/216651942340/Mrs Sumat/Indian Ba/school | | 10,000.00 | 17,734.50 | |
| 15-06-2022 | UPI/P2M/216664023809/KARTHIK M/Axis Bank/Headset | 200.00 | | 17,534.50 | |
| 16-06-2022 | SREENIVASA INST/Exam Remuneration SITAMS | | 1,500.00 | 19,034.50 | |
| 16-06-2022 | TRANSFER/TB/25-623503209-19/SSM INSTITUT/SSM402712 | | 7,500.00 | 26,534.50 | |



Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (P.O),
Palani Road, Dindigul - 624 002.

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY DOTE CAMPUS,
CHENNAI - 600 025

STUDENT PROJECT SCHEME 2021-2022
UTILISATION CERTIFICATE

(TWO COPIES)

1. Name of the guide and address : Dr.V.KANDAVAL,
Associate Professor/Mechanical,
SSM Institute of Engineering and Technology,
Dindigul-Palani Highway, Dindigul - 624 002.

2. Name of the student(s) : ADITHYAN. B
AFZAL IBRAHIM. M
AKTHARALI. S
ANAND ALBERT RAJA. A

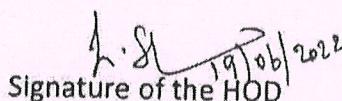
3. Title of the project : Investigate the Mechanical Properties of E-Glass Fibre & S-Glass Fibre
Reinforced with Polymer Matrix Composites.

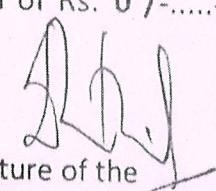
4. Project code : EME -0388

It is certified that a sum of **Rs.7500/-** (Rupees Seven thousand five hundred)
Sanctioned by the council for carrying out above mentioned student project has
been utilized for the purpose for which it was sanctioned and sum of Rs. 0 /-.....
.....remaining unutilized is refunded.


Signature of the guide

Dr. V. KANDAVAL.


Signature of the HOD


Signature of the
REGISTRAR/PRINCIPAL/DEAN
With SEAL

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal


Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
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SSM Institute of Engineering and Technology
Kuttathupatti Village Sindalagundu (Po),
Palani Road, Dindigul 624 002.



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Palani Road, Dindigul 624 002.



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)

Dindigul – Palani Highway, Dindigul 624 002

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT PROJECTS SCHEME 2021-2022

REPORT

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

Name of the guide and address

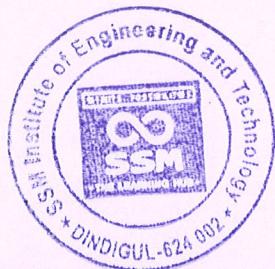
Dr.V.KANDA VEL,

Associate Professor

Department of Mechanical Engineering,

SSM Institute of Engineering and Technology,

Dindigul-Palani Highway, Dindigul - 624 002



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (IUS)
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TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
DOTE Campus, Chennai-600025

STUDENT PROJECTS SCHEME

Proposals for 2021-2022

(www.tanscst.nic.in).

**INVESTIGATE THE MECHANICAL PROPERTIES OF E-GLASS FIBRE & S-GLASS
FIBRE REINFORCED WITH POLYMER MATRIX COMPOSITES**

SUBMITTED BY

ADITHYAN. B

AFZAL IBRAHIM. M

AKTHARALI. S

ANAND ALBERT RAJA. A

**SSM Institute of Engineering and Technology,
Palani-Dindigul Highway, Sindalagundu (Post),
Dindigul-624002**

**The Member Secretary,
Tamilnadu State Council for Science and Technology,
DOTE Campus,
Chennai - 600 025**



Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.

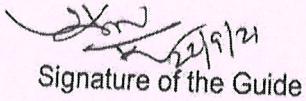


STUDENT PROJECT PROPOSAL 2021-22

| | | |
|---|---|---|
| 1 | Name of the Student(s) | ADITHYAN. B (9221118114001) AFZAL IBRAHIM. M (9221118114002) AKTHARALI. S (9221118114003) ANAND ALBERT RAJA. A (9221118114004) |
| | Student Email Id | vkvel3467@gmail.com |
| 2 | Name of the Guide | Dr.V.KANDAEL |
| | Department / Designation | Associate Professor/Mechanical |
| | Institutional Address | SSM Institute of Engineering and Technology, Dindigul-Palani Highway, Dindigul - 624 002. |
| | Phone No. & Mobile No | 0451 2448800-2448899 & 9791427440 |
| 3 | Project Title | Investigate the Mechanical Properties of E-Glass Fibre & S-Glass Fibre Reinforced with Polymer Matrix Composites |
| 4 | Sector in which your Project proposal is to be Considered | Mechanical |
| 5 | Project Details | Annexure I |
| 7 | Has a similar project been carried out in your college / elsewhere? If so furnish details of the previous project and highlight the improvements suggested in the present one | No |

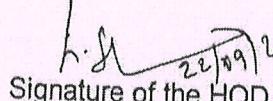
CERTIFICATE

This is to certify that Mr.ADITHYAN. B, Mr.AFZAL IBRAHIM. M, Mr.AKTHARALI. S, Mr.ANAND ALBERT RAJA. A) are bona fide final year student of U.G. Engineering courses of our college and it is also certified that two copies of utilization certificate and final report along with seminar paper will be sent to the Council after completion of the project by the end of April 2022.



Signature of the Guide

Dr. V. KANDAEL



Signature of the HOD




Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kettathupatti Village, Sindraigundu (Po),
Palam Road, Dindigul 624 002
Palam Road, Dindigul - 624 002.





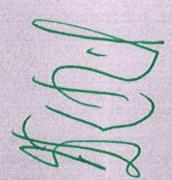
**TAMILNADU STATE COUNCIL FOR
SCIENCE AND TECHNOLOGY**
GOVERNMENT OF TAMILNADU



CERTIFICATE

This is to certify that **Mr. Adithyan. B**, SSM Institute of Engineering and Technology, Dindigul-624 002 has successfully completed the project titled "**Investigate the mechanical properties of E-glass fibre & S-glass fibre reinforced with polymer matrix composites**" in the Sector **MECHANICAL ENGINEERING** under **STUDENT PROJECTS SCHEME** sponsored by the Council during the academic year 2021-2022.


DR.R.SRINIVASAN
Member Secretary



Dr. D. SENTHIL KUMAR, M.E, Ph.D., F.I.E
Principal
SSM Institute of Engineering and Technology
Kuttiyapatti Village, Sridhagam P.O,
Pattai Road, Dindigul - 624 002

Chennai-600 025
25.11.2022