



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-0188	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.586) 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 (Po),

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 : Mr. D. MANOJ, A.P / EEG
SSM INSTITUTE OF ENGINEERING
& TECHNOLOGY, DINDIGUL - 624 002
2. Name of the student(s) : K. VIGNESHWARAN
P. RAMKUMAR
K. THANUJ
J. VISNAKSHENAN
3. Title of the project : HIGH EFFICIENCY WIRELESS
POWER TRANSFER FOR ELECTRIC VEHICLE
APPLICATIONS
4. Project code : EEE - 1544

SEVEN THOUSAND

FIVE HUNDRED
ONLY

It is certified that a sum of Rs. 7500 (Rupees) 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.
.....remaining unutilized is refunded.

Signature of the guide

Signature of the HOD

Signature of the
REGISTRAR/PRINCIPAL/DEAN
With SEAL

Head of the Department

Department of Electrical & Electronics Engineering

SSM Institute of Engineering & Technology

Sindhalagundu Post, Dindigul - 624 002



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

Principal

SSM Institute of Engineering and Technology

Kuttiathupatti Village, Sindhalagundu (Po),

Palani Road, Dindigul - 624 002.



HIGH EFFICIENCY WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE APPLICATION

A PROJECT REPORT

Submitted by

P. RAM KUMAR	(922118105022)
K. THANUJ	(922118105030)
K. VIGNESHWARAN	(922118105033)
J. VISWAKSHENAN	(922118105034)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

In

ELECTRICAL AND ELECTRONICS ENGINEERING

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

DINDIGUL-624 002

ANNA UNIVERSITY::CHENNAI - 600 025

JUNE 2022



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

BONAFIDE CERTIFICATE

Certified that this project report "HIGH EFFICIENCY WIRELESS POWER TRANSFER SYSTEM FOR ELECTRIC VEHICLE APPLICATIONS" is the bonafide work of "THANUJ K (922118105030), RAM KUMAR P (922118105022), VIGNESHWARAN K (922118105033), VISWAKSHENAN J (922118105034)," who carried out the project work under my supervision.

SIGNATURE

Dr.G.MOHANBABU, M.E., PH.D.,
PROFESSOR and HEAD
Department of Electrical
and Electronics Engineering,
SSM Institute of Engineering and
Technology,
Dindigul-624 002

SIGNATURE

D.MANOJ, M.Tech.,
ASSISTANT PROFESSOR
PROJECT SUPERVISOR
Department of Electrical
and Electronics Engineering,
SSM Institute of Engineering and
Technology,
Dindigul-624 002

Submitted for Viva-Voce examination held on 24/06/2022

Internal Examiner

External Examiner



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