



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, [www.tanscst.nic.in](http://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/BS/2022-2023

03.03.2023

To  
The Principal  
SSM Institute of Engineering and Technology,  
Dindigul - 624 002

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.	Dr.S.Karthigai Lakshmi, HOD, Department of ECE, SSM Institute of Engineering and Technology, Dindigul - 624 002	Tracking, caring and monitoring for Alzheimer's patients	A.G.Abitha Devadharshini M.Amritha A.A.Sleena K.Chandralekha	MS-750	The Principal	Rs 7500/-
2.	Dr Premkumar M, Associate Professor, Department of ECE, SSM Institute of Engineering and Technology, Dindigul - 624 002	Ai based fake product detection in E-commerce applications	Arul Nandhini R, Dharany M, Divya K, Divyadharshini M	EEE-1931	The Principal	Rs 4000/-
						Rs 11500/-

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,

  
21/3/23  
Member Secretary.

- Encl: a) Terms & Conditions (T&C)  
b) Format of Utilisation Certificate (UC)  
c) Cheque for Rs.11500/- Cheque No:575045 dt.03.03.2023

Copy to: Individual Guides



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

HOD  
ECE



Branch : DOTE CAMPUS  
DOTE OFFICE BUILDINGS  
GUINDY, CHENNAI  
IFS Code : IDIB000D050

A/c Payee Only

VALID FOR THREE MONTHS ONLY  
Date 03 03 2022  
D D M M Y Y Y Y

Y The Principal, SSM Institute of Engineering and Technology, Dindigul  
PEES ₹ Eleven Thousand Five Hundred only

₹ 11,500/-

479135159

THE R.  
AC No.



FOR MEMBER SECRETARY, TAMILNADU STATE COUNCIL SCIENCE & TECHNOLOGY

CBS Code: 01636

PAYABLE AT PAR AT ALL OUR BRANCHES

AUTHORISED SIGNATORY  
Please sign above

*[Signature]*

⑈ 575045⑈ 600019119⑈ 135159⑈ 31

*[Signature]*  
Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kattathupatti Village, Sindalagundu (P)  
Palani Road, Dindigul - 624 002



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

DOIT CAMPUS, CHENNAI - 600 025

STUDENT PROJECT SCHEME 2022-2023

UTILISATION CERTIFICATE

1. Name of the guide and address : Dr. M. Premkumar, Associate Professor, Department of ECE, SSM Institute of Engineering and Technology, Dindigul-624 002.
2. Name of the student(s) : Arul Nandhini. R  
Dharany. M  
Divya. K  
Divyadharshini. M
3. Title of the project : AI based Fake Product Detection in E-Commerce Applications
4. Project code : EEE-1931

It is certified that a sum of Rs 4,000/- (Rupees Four Thousand) 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

Signature of the HOD

Signature of the

REGISTRAR/PRINCIPAL/DEAN

with seal

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

SSM Institute of Engineering and Technology  
Kumathupatti Village, Sindalagundu (Po),  
Road Dindigul 624 002

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

SSM Institute of Engineering and Technology  
Kumathupatti Village, Sindalagundu (Po),  
Road Dindigul 624 002

**TAMILNADU STATE COUNCIL FOR SCIENCE AND  
TECHNOLOGY**

(Dept. of Higher Education, Govt. of Tamilnadu)

DOTe Campus, Chennai – 600 025

**STUDENT PROJECT SCHEME  
Proposals for 2022-2023**

**([www.tanscst.nic.in](http://www.tanscst.nic.in))**

**AI BASED FAKE PRODUCT DETECTION IN E-COMMERCE  
APPLICATIONS**

**Submitted by**

**ARUL NANDHINI R  
DHARANY M  
DIVYA K  
DIVYADHARSHINI M**


**Guided by**

**Dr. M. PREMKUMAR  
ASP/ECE**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY  
Dindigul-624002**

**The Member Secretary,  
Tamil Nadu 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.





**TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**  
**STUDENT PROJECT PROPOSAL**



1. Name of the Student (s)

S.No	Name of the Student	E-Mail ID	Phone No.
1	Arul Nandhini.R	arulnandhini2002@gmail.com	8754350436
2	Dharany. M	dharany104@gmail.com	9944820424
3	Divya. K	divyak08012002@gmail.com	7548804848
4	Divyadharshini. M	divyamohan2608@gmail.com	9344044206

2. Name of the Guide

**Dr. M. Premkumar**

Department / Designation

: ECE / Associate Professor

Institutional Address

: SSM Institute of Engineering and Technology,  
Sindalagundu Post, Dindigul

Phone No. & Mobile No.

: 0451 - 2448800 & 9655662496

Project Title

: **AI based Fake Product Detection in E- Commerce Applications**

4. Sector in which your Project proposal is to be Considered

: Engineering Technology  
(Electronics and Communication)

5. Project Details

: Details Attached

i. Introduction

iv. Work Plan

ii. Objectives

v. Budget

iii. Methodology

vi. Any other details

6. Has a similar project been carried out : No  
in your college / elsewhere? If so  
furnish details of the previous  
project and highlight the  
improvements suggested in the  
present one



**CERTIFICATE**

This is to certify that Miss. Arul Nandhini.R, Dharany. M, Divya. K, Divyadharshini. M is a bonafide final year student of P.G. Science / U.G. Engineering / P.G. Professional 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 May 2023.

Signature of the Guide

Signature of the HOD

Signature of the Principal/  
Head of the Institution

**Dr.S. KARTHIGAI LAKSHMI**  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tech  
Dindigul - 624 002

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

N.B.: 2 copies of the proposals are to be submitted through proper channels to the Member Secretary, TNSCST, DOTE Campus, Chennai - 600 025 before 07<sup>th</sup> September 2022, 5 pm.



**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.





TNSCST

# TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

GOVERNMENT OF TAMILNADU



## CERTIFICATE

This is to certify that Mr./Ms. **M. Dharany**, SSM Institute of Engineering and Technology, Dindigul - 624 002 has successfully completed the project titled "Ai based fake product detection in E-commerce applications" in the Sector **ELECTRICAL AND ELECTRONICS ENGINEERING** under **STUDENT PROJECT SCHEME** sponsored by the Council during the academic year 2022-2023.

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

Chennai-600 025  
27.10.2023  
EEE-1931/2023



Dr. R. SRINIVASAN  
Member Secretary

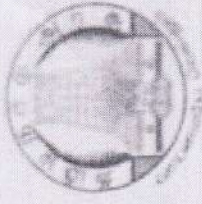




TNSCST

# TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

GOVERNMENT OF TAMILNADU



## CERTIFICATE

This is to certify that Mr./Ms. **R. Arul Nandhini**, SSM Institute of Engineering and Technology, Dindigul - 624 002 has successfully completed the project titled "Ai based fake product detection in E-commerce applications" in the Sector **ELECTRICAL AND ELECTRONICS ENGINEERING** under **STUDENT PROJECT SCHEME** sponsored by the Council during the academic year 2022-2023.

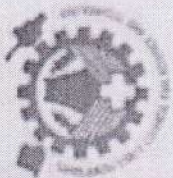
Dr.D.SEETHA KUMARAN, M.E., Ph.D., (RVS)  
Principal  
SSM Institute of Engineering and Technology  
Kutalappatti Village, Sindalagundi(Po),  
Dindigul Road, Dindigul - 624-002.

Chennai-600 025  
27.10.2023  
EEE-1931/2023



Dr. R. SRINIVASAN  
Member Secretary





TNSCST

# TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

GOVERNMENT OF TAMILNADU



## CERTIFICATE

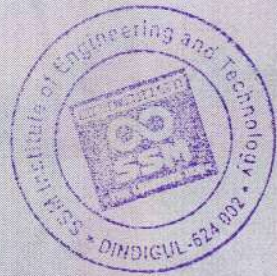
This is to certify that Mr./Ms. **M. Divyadharshini**, SSM Institute of Engineering and Technology, Dindigul - 624 002 has successfully completed the project titled "Ai based fake product detection in E-commerce applications" in the Sector ELECTRICAL AND ELECTRONICS ENGINEERING under STUDENT PROJECT SCHEME sponsored by the Council during the academic year 2022-2023.

Chennai-600025

27.10.2023

EEE-1931/2023

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



Dr. R. SRINIVASAN  
Member Secretary