



SRI BHARATHI

ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Kaikkurichi, Pudukkottai -622 303

www.sbec.edu.in

NAAC - AQAR DOCUMENTS



Quality Indicator Frame Work

Criterion – 3

Research, Innovations and Extension

Submitted by

IQAC

Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India)



3.1.2. Number of departments having Research projects funded by government and non-governmental agencies during the year

S.No	Name of the research project/ endowment	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Solar powered hybrid AI technology based fire fighting drone	Dr.B.Prakash Ayyappan	Electrical and Electronics Engineering	2024	Rs 7,500	6 months	Tamilnadu State Council for Science and Technology	Government



TAMILNADU COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)

Directorate of Technical Education Campus, Chennai – 600 025
Ph : 044 -2230 1428 www.tanscst.tn.gov.in Email: ms.tanscst@nic.in

Prof. Dr. S. Vincent, D.Sc., Ph.D., MNASc, FNABS, FRSB(Lon)
Member Secretary

01.10.2024

Lr.No.TNSCST/SPS 2023-2024/ 3106A /01

To

The Principal
Sri Bharathi Engineering College for Women
Kaikkurichi, Pudukkottai-622 303

Sir/Madam,

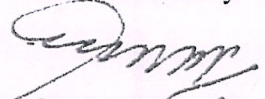
Sub: TNSCST – Student Project Scheme (2023-2024) – approval intimation–grant release- Reg.

With respect to the above scheme, the list of project(s) approved by the State Council is enclosed, along with the terms and conditions. Guides are requested to adhere to these terms and conditions, including the timely submission of the Utilization Certificate (UC) and the seminar paper on or before 25.10.2024.

We trust that your students have successfully completed the project. Please inform the guides to submit the Utilization Certificate and the seminar paper in accordance with the terms and conditions specified in items 5 and 6. Kindly note that the grant will be released only upon receipt of both the UC and the seminar paper. Additionally, provide the institution's bank details (Account holder name, Account Number, IFSC code, and Branch name) to facilitate the transfer of the grant via NEFT. The grant should then be promptly disbursed to the concerned students through their respective guides.

Thanking you,

Yours faithfully



Member Secretary

- Encl: a) List of the approved SPS Projects 2023-24
b) Terms & Conditions (T&C)
c) Format of Utilization Certificate (UC)
d) Model Seminar Paper (SP)



Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurichi - 622 303, Pudukkottai Dt.



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

Student Project Scheme 2023-24

List of Approved Project(s)

S.No	Guide Name and Institutional Address	Title of the Project	Students Name	Project Code	Head of the Institution	Grant Amount
1	Dr B Prakash Ayyappan, Assistant Professor, Dept. of EEE, Sri Bharathi Engineering College for Women, Kaikkurichi, Pudukkottai- 622 303	Solar powered hybrid ai technology based fire fighting drone	Kaviya R.,, Ramadevi S.,, Kopperundevi S.,	EEE-2618	The Principal	Rs 7500
					Total	Rs 7500

Dr. **S.THILAGAVATHI M.E., Ph.D.,**
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurichi - 622 303, Pudukkottai Dt.



SOLAR POWERED HYBRID AI TECHNOLOGY BASED FIRE FIGHTING DRONE

A PROJECT REPORT

Submitted by

RAMADEVI.S	(912620105002)
KAVIYA.R	(912620105302)
KOPPERUNDEVI.S	(912620105303)

In partial fulfillment for the award of the degree

Of

BACHELOR OF ENGINEERING

in

ELECTRICAL AND ELECTRONICS ENGINEERING

**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN,
KAIKKURICHI, PUDUKKOTTAI-622 303**

ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024


**Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurichi - 622 303, Pudukkottai Dt.**