

GROUP PROJECT

on

ULTRASONIC RADAR USING IOT

By

T Kannan (211PH003)
A S Sri Varsha (211CS001)
B Dharshana (211CS008)

Under the Guidance of

Dr.N. Senthil Kumar

Assistant Professor

DEPARTMENT OF PHYSICS

Under

DBT Star College Scheme

Celebrates

National Science Day (TESLA FEST -2024)



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

NIRF 29th RANK 2023

RE-ACCREDITED WITH A⁺ GRADE BY NAAC (4th CYCLE)

COLLEGE OF EXCELLENCE (UGC)

Coimbatore-641029, Tamil Nadu, India

FEBRUARY-2024

GROUP PROJECT

On

**AI ASSISTED AGRICULTURAL CULTIVATION
NATIONAL SCIENCE DAY (TESLA FEST 2024)**

SUBMITTED

By

**THARUN RAJA.R (211CS010)
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HARIHARAN.P (221PH018)
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Under the Guidance of

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DEPARTMENT OF PHYSICS

Under

DBT STAR COLLEGE SCHEME



KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)

Re-Accredited by NAAC with A⁺ Grade (4th Cycle) College of Excellence (UGC)

29th Rank among Colleges in NIRF 2023

G.N. Mills Post, Coimbatore – 641029, Tamil Nadu , India.

FEB-2024

STATISTICAL ANALYSIS USING PYTHON

Dissertation submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)**

Affiliated to the Bharathiar University

in the partial fulfillment for the requirement for the award of the Degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

Ms. B. KEERTHANA (211MA009)

Ms. S. ARTHI (211MA011)

Ms. S. SWATHI (211MA024)

Mr. V. BALAJI (211CS007)

Under the guidance of

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DEPARTMENT OF MATHEMATICS

(Supported by DBT Star College Scheme)

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with 'A+' Grade (4th Cycle)

29th Rank among Colleges in NIRF 2023

College of Excellence (UGC)

G.N.Mills (P.O), Coimbatore – 641 029

April 2024



KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMOUS)

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29th Rank among college in NIRF 2023

G.N.Mills Post , Coimbatore -641029, Tamil Nadu , India .

DEPARTMENT OF PHYSICS

In association with

DBT STAR COLLEGE SCHEME

Celebrate

NATIONAL SCIENCE DAY (TESLA FEST-2024)

PROJECT NAME: SMART HELMET

S.NO	NAME	REG.NO	CLASS
1.	R. SHALINI	211PH005	III BSC. PHYSICS
2.	S.SOWNDHARIYA	221PH005	II BSC. PHYSICS
3.	A.MONISHA PRASIY	221PH006	II BSC.PHYSICS
4.	K. HARSHAPARADHA	211CS011	III BSC. COMPUTER SCIENCE

Kongunadu Arts and Science College conducted Tesla Fest on National Science Day 2024 under DBT Star College Scheme to honour laureate Sir Chandrasekaran Vekata Raman for his invention of the Raman effect through his experiment on scattering of light. National pays tribute and express gratitude to Sir CV Raman and to all scientist on this day.

Smart Helmet project is for Accident prevention and alcoholic detection which automatically checks whether the person is wearing the helmet and has non- alcoholic breath while driving. Here we have a transmitter at the helmet and the receiver at the bike. There is a switch used to make sure the wearing of helmet on the head. The ON condition of the switch ensures the placing of the helmet in proper manner. An alcohol sensor is placed near to the mouth of the driver in the

GROUP PROJECT

ON

PET FEEDER USING IOT

submitted

ON

NATIONAL SCIENCE DAY(TESLA FEST-2024)

BY

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Under the Guidance of

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DEPARTMENT OF PHYSICS

UNDER

DBT STAR COLLEGE SCHEME



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FEB-2024