## STUDENTS ACHIEVEMENTS

**ABERSHA D.DHARSHINI A.HARINI V.JUDITH PERCIA S** of IV Year (2017-2021) and **Dr.S.SELVI**, Prof and Head designed a low cost solar powered homestead poultry incubator and installed in Tamilnadu veterinary and Animal Sciences, Madhavaram, Madhavaram, Chennai in 2021



The Tanuvas-University Innovation and Instrumentation Centre, functioning at LFC, Madhavaram Milk Colony, which designs equipment for livestock and poultry farming, has come up with a new model of poultry egg incubator which is operated by power backed up from solar energy. Rural farmers are facing reduction in hatchability due to frequent power cuts and this innovation was conceptualised to resolve this issue. Dr S. Meenakshi Sundaram, the department head, says that one of the major issues facing hatchability was lack of continuous power supply, especially in rural areas, which led to disturbances in the temperature and humidity balance causing death of embryos. The model was designed with technical inputs on solar technology from the department, along with four final year engineering Students (Harini .V, Abersha. D, Dharshini. A and Judith Percia. S) were part of the team. Necessary inputs were obtained from the scientists of poultry research station, Directorate of Centre for Animal Production Studies, Tanuvas. Dr R Venkataramanan, the unit in-charge, says that solar energy successfully backed up for the power source at times of power cut during the entire period of 21 days and a hatchability *—N.Sampath* 

Star Performer Award is given by Energy Efficiency Research Group (GREEN9) to students in Project Expo conducted on October 2020.



## Academic Year (2020-2021)

## KarthikKrishna.S.N (III Year) was awarded in Digital conference held on April 10, 2021 by SAIRAM Engineering College



• EEE department students team have won the Best performer award in the CONCLAVE 2021 conducted by IGEN Green energy club