

**ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF AGRICULTURAL ENGINEERING**

**NEWS AND EVENTS**

**1. WORKSHOP ON TRACTOR DRIVING**

**DATE:** 18 TH MAY 2024

To enhance the students in the field of farm equipment and machinery, our department conducted a one day workshop on tractor driving by our faculty Mr.Venkateshan P. Totally 118 were benefited by the workshop.

The learner also learns to demonstrate Major Assemblies of Tractor; overhaul Diesel Engine of Tractor; perform servicing of Cooling and Lubrication system of Tractor; service Intake and Exhaust System of Tractor; service Fuel Feed System of Tractor; overhaul Clutch and Gearbox of Tractor in a workshop; overhaul Differential and PTO Unit of Tractor in the workshop; overhaul Steering System of Tractor in the workshop. He/she will practice repair works of Wheels and Tyres of Tractor in the Workshop; overhauling of Brake system of Tractor in the workshop; overhauling of Major Assemblies of Power Tiller; overhauling of Implements of Tractor; overhauling of Charging and Starting System of Tractor and carryout Field Operation



## **2.VALUE ADDED COURSE ON “AI AND IoT BASED SMART AGRICULTURE”**

**DATE:** 20<sup>TH</sup> MAY TO 24<sup>TH</sup> MAY 2024

The value added course was conducted from 20<sup>th</sup> may to 24<sup>th</sup> may for third year B.Tech agricultural engineering students on the topic “AI And IoT Based Smart Agriculture” conducted by “AB Technologies, Nagercoil ”. This course helps the students learn more skills and knowledge, making them better at their jobs. Classes for a VAC are conducted during the reserved Time Slot in a week after the semester ends. The total students of 60 were benefited by this course and certificate issued to the students at the end of the course.

Objectives The main objectives of the Value-Added Course are:

- ✓ To provide students an understanding of the expectations of industry.
- ✓ To improve employability skills of students.
- ✓ To bridge the skill gaps and make students industry ready.
- ✓ To provide an opportunity to students to develop inter-disciplinary skills.
- ✓ To mould students as job providers rather than job seekers. Course Designing

The department interested in designing a Value Added Course should undertake Training Need Analysis, discuss with the generic employers, alumni and industrial experts to identify the gaps and emerging trends before designing the syllabus.



 **GPS Map Camera**

Vattakkottai, Tamil Nadu, India  
4HM6+R7C, Vattakkottai, Tamil Nadu 629401, India  
Lat 8.133325°  
Long 77.561046°  
24/05/24 03:37 PM GMT +05:30



Google



**GPS Map Camera**  
Kanniyakumari, Tamil Nadu, India  
4HM7+V85, Kanniyakumari, Tamil Nadu 629401, India  
Lat 8.134604°  
Long 77.563343°  
24/05/24 03:37 PM GMT +05:30

### **3.FIELD ACTIVITIES ON CROP PRODUCTION**

**Duration:** 2023-24 [Even Semester]

The end semester students of B.Tech Agricultural Engineering were practicing the crop production of watermelon, bitter gourd, sweetcorn, bottle gourds, tomato and leafy vegetables by the faculties Mr.ArunPandian .N and Mr.Venkatesan. P were guided the students to cultivate the crops throughout the stages from land preparation to harvest. The crops were grown by organically and harvested healthily. Students were practiced beyond the class hours and weekends.



**LAND PREPARATION**



**SOWING OF BITTER GOURD**



**SPRAYING FISHAMINO ACID FOR BOTTLE GOURD**





**NATURAL PEST REPELLENT PREPARATION**



**HARVESTING OF BITTER GOURD**

#### **4. SYMPOSIUM**

**DATE: 16<sup>th</sup> April**

A national level technical symposium “AGCARNIC’24” was conducted by our department on 20<sup>th</sup> April 2024. The symposium invocation started by 09:30 AM. The chief guest of the day was Dr.M.Daniel Jebaraj .M.Sc.,(Agri)., Ph.D. Professor of Practice, Tamil Nadu Agricultural University, Coimbatore& Managing Director, Agri Amigos Pvt. Ltd, Theni. Our Chairman , Rohini groups Sri.K.Neelamarthandan lightening the traditional lamp. Ms. Jenisha R R, Presideent RAAE,RCET welcome the dictionaries. Presedential address by Dr. R.Rajesh, Principal, RCET. Annual report delivered by Mr.Rajiv Gandhi R , Asociation Coordinator , Agri, RCET. Chief guestwas introduced by Prof.K.Krishnavrni. K., HOD,agri. Magazine was released by Dr.V.M.Blessy Geo, Managing Director, RCET. Vote of thanks delivered by MS.Viflin Meeha, Member, RAAE. The Prizes distributed by Dr.N.Neela Vishnu, Pro-Chairman, RCET. The function was end with National Anthem,









