



# Kongunadu

College of Engineering & Technology  
[Autonomous]

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai, Accredited by NBA(CSE,ECE,EEE & MECH), Accredited by NAAC with B++ Grade, Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution)

Namakkal - Trichy Main Road, Tholurpatti (P.O.), Thottiyam (TK), Trichy (Dt.) - 621 215.

## DEPARTMENT OF AGRICULTURAL ENGINEERING



# AGRITECH - NEWSLETTER

### Contents

- College Vision / Mission
- Department Vision/Mission
- PEO/PSO/PO
- Quality Policy of the Institute
- Program Conducted by the Department

- FDP
- Conference
- Hackathon
- Webinar
- Association Program
- ISAE Program
- Green Club Program

- Staff Achievements and Awards

- Publication
  - Book/Manual
  - Journal
  - Conference
  - Patent

- Programs attended by staff
  - FDP
  - NPTEL
  - Seminar/Webinar
  - Resource Person
  - Faculty Industrial Training

- MoU
- Industrial Visit
- Student Achievements and Awards
  - Prizer Winners
  - Paper Presentation
  - NPTEL
  - Internship
  - Industrial training

### College Vision

To become Internationally Renowned Institution in Technical Education, Research and Development by transforming the students into Competent Professionals with Leadership Skills and Ethical values

### College Mission

- Providing the Best Resources and Infrastructure.
- Creating Learner – Centric Environment and continuous learning.
- Promoting Effective Links with Intellectuals and Industries.
- Enriching Employability and Entrepreneurial Skills.
- Adapting to Change for sustainable Development.

## ● Department Mission

To Produce Excellent Professionals in Agriculture Engineering through quality education, leadership skills and ethical values to serve the society.

## ● Department Mission

- Providing in-depth knowledge and applications of agriculture machineries and associated process with embedded technology
- Developing multidisciplinary learning environment with leadership skills
- Impart training in entrepreneurial and life skills for enhancing employability.

## ● Program Educational Objectives (PEOs)

**PEO1** : Graduates shall become agriculture professionals with specialization in irrigation, farm equipments, post-harvest and renewable energy along with automation.

**PEO2** : Graduates shall able to design and develop optimistic products for the benefits of farmer and society.

**PEO3** : Graduates shall have professional ethics, team spirit, life-long learning, adopt corporate culture, core values and leadership skills and communication skills.

## ● Program Specific Outcomes (PSOs)

**PSO1** : Professional skills: Students shall understand, analyze, design and develop agricultural equipments to meet the requirements of farmer and industry.

**PSO2** : Competency: Students shall qualify at the State, National and International level competitive examination for employment, higher studies and research.

## ● Program Outcomes (POs)

Engineering Graduates will be able to:

- **Engineering knowledge** : Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

- **Problem analysis** : Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

- **Design/development of solutions** : Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- **Conduct investigations of complex problems** : Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

- **Modern tool usage** : Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- **The engineer and society** : Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- **Environment and sustainability** : Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

- **Ethics** : Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- **Individual and team work** : Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

- **Communication** : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

- **Project management and finance** : Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

- **Life Long Learning** : Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## ● Quality Policy of the Institute

To strive continuously for producing the best result in terms of Knowledge, Self-Discipline and application of the Knowledge acquired.

## ● Programs Conducted by the Department

### ● Faculty Development Program (FDP)

Five days online FDP were organized on “Empowerment of Agriculture Using Modern Technology” organized by Department of Agricultural Engineering, Kongunadu College of Engineering & Technology, Trichy from 22<sup>nd</sup> April 2024 to 26<sup>th</sup> April 2024.



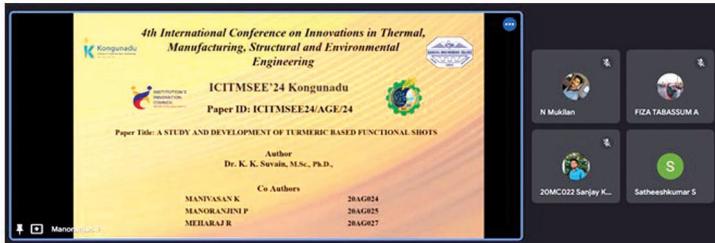
## ● Association Activities

Department of Agricultural Engineering and Agricultural Engineering Students Association (AES) organized a one-day Valedictory function & Seminar on “Importance of Small Farm Mechanization in India” handled by Mr.R.Raja Chidambaram, Deputy General Manager, VST Tillers Tractors Limited, Bangalore on 27<sup>th</sup> April 2024.



## ● Conference

Two Days online International Conference focused on “Thermal, Manufacturing, Structural and Environmental Engineering” were organized by Department of Agricultural Engineering, Kongunadu College of Engineering & Technology, Trichy, from 26<sup>th</sup> April 2024 to 27<sup>th</sup> April 2024.



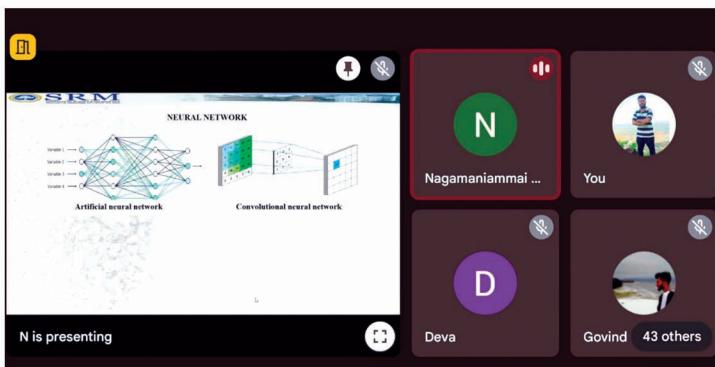
## ● Hackathon

The Department of Agricultural Engineering conducted a Hackathon event on 25<sup>th</sup> and 26<sup>th</sup> March 2024.

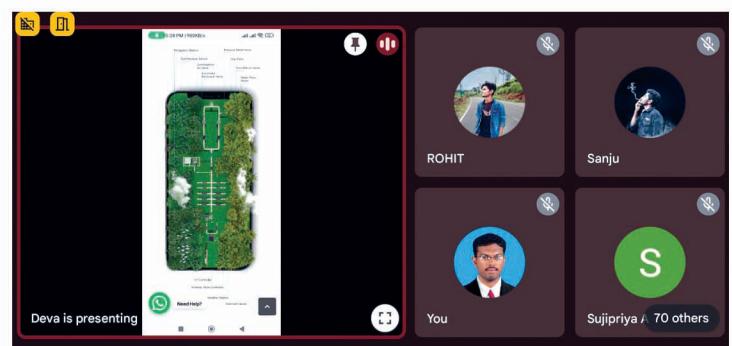


## ● Webinar

One day online National webinar focused on “Food Quality and Safety Monitoring Using AI” was organized by Department of Agricultural Engineering Kongunadu College of Engineering & Technology, Trichy, on 28<sup>th</sup> June 2024.



Department of Agricultural Engineering and Agricultural Engineering Students Association organized a one-day webinar on “IoT Based Irrigation Automation System” handled by Mr.K.Dheivendhiran, HR Manager, Mobitech Wireless Solution Private Limited, Perundurai on 20<sup>th</sup> March 2024.



Department of Agricultural Engineering and Agricultural Engineering Students Association (AES) guest lecture titled on “Recent Advancement in Farm Mechanization” was conducted by Dr.B.Suthakar, Associate Professor, TNAU, Tiruchirappalli on 28<sup>th</sup> February 2024.



## ● Indian Society for Agricultural Engineers (ISAE) Program

The Professional body 'Indian society of Agricultural Engineers' (ISAE) organized a workshop on "Application of Drone Technology in Agriculture" was presented by Mr.R.Bharathprabhu, chief operation officer, Vimanna lab India private limited, Thanjavur, Tamil Nadu, on Valedictory function on 15<sup>th</sup> April 2024.



The Professional body 'Indian society of Agricultural Engineers' (ISAE), Department of Agricultural Engineering organized a one-day workshop on "Drip Technology in Precision Agriculture" handled by Mr.P.Ravikumar, Manager - Agronomy, Netafim, Coimbatore on 13<sup>th</sup> March 2024.



## ● Green Club Program

- Seminar on "Climate Change Impact and Migration Strategies" handled by Mrs. Devaki Chellaiah, social and Environmental Activist at Kongunadu College of Engineering and Technology on 28<sup>th</sup> March 2024.



Green Club organized a Poster presentation on "Impact of noise and water pollution for living organisms" on 09<sup>th</sup> March 2024.



## ● Staff Achievements and Awards

### ● Publication of Book/Manual

1. Mr.S.Satheeshkumar & Mr.N.Mukilan "Remote Sensing Geographical Information System", The Charulatha Publications, ISBN. No 978-81-973219-7-9, June 2024.
2. Mr.M.Sundharan "Organic Farming for Sustainable Agricultural Production" The Charulatha Publications, ISBN. No 978-81-967753-9-1, June 2024.
3. Dr.V.Gopinath, Dr.P.Dineshkumar & Mr.M.Prabhu "Renewable Energy in Agricultural Engineering", The Charulatha Publications, ISBN. No 978-81-973219-6-2, June 2024.

### ● Journal Publication

1. Dr.P.Dineshkumar 'Optimization of Travelling Salesman Problem using Genetic and simulated annealing Hybrid Algorithm', Periodico di Mineralogia, ISSN.No:0369-8963volume 93, No 2, Jan 2024, IF: 0.5, SCIE.

### ● Conference

1. Dr.V.Gopinath presented an article titled 'Control of Food Waste Through IoT Integration' in the International Conference organized by Erode Sengunthar Engineering College, Erode, on 30<sup>th</sup> April 2024.
2. Dr.V.Gopinath presented an article titled 'IoT Based Temperature and Relative Humidity Monitoring System for Oyster Mushroom Cultivation' in the International Conference organized by Erode Sengunthar Engineering College, Erode, on 30<sup>th</sup> April 2024.
3. Dr.P.Dineshkumar presented an article titled 'Oyster Mushroom Growing with Tea Waste and Monitoring Using IoT' in the International Conference organized by Erode Sengunthar Engineering College, Erode, on 30<sup>th</sup> April 2024.
4. Mr.N.Mukilan presented an article titled 'Production of Biogas from Water Hyacinth by Solid State Anaerobic Digestion Method' in the International Conference organized by Erode Sengunthar Engineering College, Erode, on 30<sup>th</sup> April 2024.

5. Dr.P.Dineshkumar presented an article titled 'Experimentation of Smart Irrigation System for Water Conservation using Artificial Intelligence' in the International Conference organized by Kongunadu College of Engineering and Technology, Trichy, on 26<sup>th</sup> April and 27<sup>th</sup> April 2024.

6. Dr.P.Dineshkumar presented an article titled 'Experimental Investigation of the Thermal Performance of the Trapezoidal Solar under Trichy Climate Conditions' in the International Conference organized by Annapoorna Engineering College, Salem, from 22<sup>nd</sup> March to 23<sup>rd</sup> March 2024.

7. Ms.G.Veera Karunya presented an article titled 'Transforming Bite-Related Healthcare with Machine Learning, Tele health and Digital Integration' in the International Conference organized by KSR College of Technology, Thiruchengode, on 15<sup>th</sup> March and 16<sup>th</sup> March 2024.

8. Mr.M.Sathishkuamr presented an article titled on 'Impact of Liquid Organic Fertilizers on Growth and Yield of Medicinal Plants' in the International Conference organized by VIT, Vellore, on 2<sup>nd</sup> February and 3<sup>rd</sup> February 2024.

### • Patent

1. Dr.P.Dineshkumar filed a patent under the title of 'Smart Agri Bot for Multi-crop Harvesting', Application No. 202441011222A, on 8<sup>th</sup> March 2024.

2. Mr.S.Satheeshkumar filed a patent under the title of 'Eco-friendly piant and Electrical Insulation Liquid from Lignin and Tanin Extracted from Banana shell', Application No.202441044698, on 14<sup>th</sup> June 2024.

### • Programs attended by the Staff

#### • FDP

1. Mr.N.Mukilan attended five days online FDP on 'Electric Power Grid Modernization Trends Challenges and Opportunities' from 27<sup>th</sup> May 2024 to 31<sup>st</sup> May 2024 organized by PSN College of Engineering and Technology, Coimbatore.

2. Dr.V.Gopinath attended one week FDP on 'Advanced Machining Processes' from 06<sup>th</sup> May 2024 to 10<sup>th</sup> May 2024 organized by National Institute of Technical Teachers Training and Research, Chandigarh.

3. Dr.V.Gopinath attended one-week online FDP on 'Design, Process and Applications of Additive Manufacturing' from 22<sup>nd</sup> January 2024 to 27<sup>th</sup> January 2024 organized by Easa College of Engineering & Technology, Coimbatore.

4. Ms.G.Veera Karunya attended five days online FDP on 'Empowerment of Agriculture Using Modern Technology' from 22<sup>nd</sup> April 2024 to 26<sup>th</sup> April 2024 organized by Kongunadu College of Engineering & Technology, Trichy.

5. Mr.M.Prabhu attended five days online FDP on 'Empowerment of Agriculture Using Modern Technology' from 22<sup>nd</sup> April 2024 to 26<sup>th</sup> April 2024 organized by Kongunadu College of Engineering & Technology, Trichy.

6. Mr.N.Mukilan attended five days online FDP on 'Empowerment of Agriculture Using Modern Technology' from 22<sup>nd</sup> April 2024 to 26<sup>th</sup> April 2024 organized by Kongunadu College of Engineering & Technology, Trichy.

7. Mr.M.Sundharan attended five days online FDP on 'Empowerment of Agriculture Using Modern Technology' from 22<sup>nd</sup> April 2024 to 26<sup>th</sup> April 2024 organized by Kongunadu College of Engineering & Technology, Trichy.

8. N.Mukilan attended one day FDP on "Logistics Operations, oil and Gas, Health Care Management and Fire and Safety", from 30<sup>th</sup> January 2024 to 31<sup>st</sup> January 2024 at Nexora Academy Private Ltd, Trichy.

9. M.Prabhu attended one day FDP on "Logistics Operations, oil and Gas, Health Care Management and Fire and Safety", from 30<sup>th</sup> January 2024 to 31<sup>st</sup> January 2024 at Nexora Academy Private Ltd, Trichy.

10. Mr.P.Kumaramurugan attended five days online FDP on 'Empowerment of Agriculture Using Modern Technology' from 22<sup>nd</sup> April 2024 to 26<sup>th</sup> April 2024 organized by Kongunadu College of Engineering & Technology, Trichy.

11. Dr.P.Dineshkumar attended one-week online FDP on "Energizing Sustainability through Renewable Energy Systems" from 18<sup>th</sup> March 2024 to 22<sup>nd</sup> March 2024 organized by Swami Keshvanand Institute of Technology, Jaipur.

12. Mr.S.Satheeshkumar attended five days FDP on "Digital Tools for Teaching and Learning" from 11<sup>th</sup> March to 15<sup>th</sup> March 2024 organized by NITTTR, Chandigarh.

13. Dr.P.Dineshkumar attended five days FDP on "Cybersecurity" from 8<sup>th</sup> January to 12<sup>th</sup> January 2024.

#### • Seminar/Webinar

1. Mr.N.Mukilan attended One day Webinar on "Harnessing Traditional Knowledge and Emerging Food Processing Technologies for Viksit Bharat" on 20<sup>th</sup> March 2024 conducted by National Institute of Food Technology, Entrepreneurship and Management, Thanjavur.

#### • NPTEL

1. Dr.V.Gopinath Successfully completed 12-week course on 'Entrepreneurship Essentials'.

2. Dr.P.Dineshkumar Successfully completed 12-week course on 'Manufacturing Process Technology I & II'.

3. Mr.M.Prabhu Successfully completed 12-week course on 'Manufacturing Process Technology I & II'.

4. N.Mukilan Successfully completed 8-week online course on "Nanotechnology in Agriculture".

5. Mr.S.Satheeshkumar successfully completed 12-week course on 'Watershed Hydrology'.

## Resource Person

1. Mr.N.Mukilan presented a seminar titled 'Role of Tractors in modern Agriculture' as a Resource person on 15<sup>th</sup> April 2024 at Erode Sengunthur Engineering College, Erode.

## Faculty Industrial Training

Mr.M.Prabhu, AP, Agricultural Engineering department attended Industrial Training Program on 'Prdocution of Irrigation systems' at Kavin Irrigations, Karur from 18<sup>th</sup> June 2024 to 20<sup>th</sup> June 2024.



Mr.N.Mukilan, AP, Agricultural Engineering department attended Industrial Training Program on 'Irrigation Systems' at Siri Polymers, Salem from 20<sup>th</sup> June 2024 to 22<sup>nd</sup> June 2024.



Mr.M.Sundharan, AP, Agricultural Engineering department attended Industrial Training Program on 'Agricultural Implements' at Dharani Agrovators, Perundurai from 24<sup>th</sup> June 2024 to 26<sup>th</sup> June 2024.



Mr.S.Satheeshkumar, AP, Agricultural Engineering department attended Industrial Training Program on 'Surveying in Agricultural fields' at Sri Arul Jothi Digital Surveyors, Tiruppur from 25<sup>th</sup> June 2024 to 27<sup>th</sup> June 2024.



Ms.G.Veera Karunya, AP, Agricultural Engineering department attended Industrial Training program on at Aiverz Technologies, Tiruchirapalli from 26<sup>th</sup> June 2024 to 28<sup>th</sup> June 2024.

Dr.P.Dineshkumar, AP, Agricultural Engineering department attended Industrial Training Program on 'Processing and packaging of dairy products' at Sunmilk, Namakkal, from 27<sup>th</sup> June 2024 to 29<sup>th</sup> June 2024.



## ● MoU

The Department of Agricultural Engineering signed a Memorandum of Understanding with Sree Vedha Dairy Private Limited, Musiri on 7<sup>th</sup> February 2024.



## ● Industrial Visit

Second year students visited TAFE Tractors Private Limited, Madurai on 17<sup>th</sup> April 2024.



Third year students visited Sri Vedha Dairy Private Limited, Musiri on 16<sup>th</sup> March 2024.



## ● Student Achievements and Awards

### ● Prize Winners

1. S.Mohana and B.Navaneetha 3<sup>rd</sup> Year won 1<sup>st</sup> prize in Spot the difference event and IPL Quiz event at Government College of Engineering, Trichy on 15<sup>th</sup> April 2024.

2. S.Mohana and B.Navaneetha 3<sup>rd</sup> Year won 2<sup>nd</sup> prize in paper presentation at Government College of Engineering, Trichy on 15<sup>th</sup> April 2024.

3. C.Prawin and S.Yogesh 2<sup>nd</sup> Year won 2<sup>nd</sup> prize in the Tractor Driving event at Bannari Amman Institute of Technology, Erode from 09<sup>th</sup> April 2024 to 10<sup>th</sup> April 2024.

4. B.Rajeshwari, P.Santhoshini 2<sup>nd</sup> Year won 2<sup>nd</sup> prize in the Cook with me event at Bannari Amman Institute of Technology, Erode, from 09<sup>th</sup> April 2024 to 10<sup>th</sup> April 2024.

5. M.Yogeshwaran 2<sup>nd</sup> Year won 1<sup>st</sup> prize in the shortfilm event at Selvam College of Technology, Salem on 23<sup>rd</sup> March 2024.

6. S.Karthika 2<sup>nd</sup> Year won 3<sup>rd</sup> prize in the Paper presentation event held at AVS College of Technology, Salem, on 23<sup>rd</sup> March 2024.

7. K.Anushiya 2<sup>nd</sup> Year won 3<sup>rd</sup> prize in the Hackathon event held at Kongunadu College of Engineering and Technology, Trichy, from 22<sup>nd</sup> March 2024 to 23<sup>rd</sup> March 2024.

8. S.Savitha and R. Rakshithasri 2<sup>nd</sup> year won 2<sup>nd</sup> prize in Hackathon (ECE) event held at Kongunadu college of engineering and technology on 22<sup>nd</sup> and 23<sup>rd</sup> March 2024.



9. R.Shanmugaraj 3<sup>rd</sup> Year won 3<sup>rd</sup> prize in the Hackathon event held at Kongunadu College of Engineering and Technology, Trichy, from 22<sup>nd</sup> March 2024 to 23<sup>rd</sup> March 2024.

10. S.Poornika 3<sup>rd</sup> Year won 2<sup>nd</sup> prize in the Hackathon event held at Kongunadu College of Engineering and Technology, Trichy, from 22<sup>nd</sup> March 2024 to 23<sup>rd</sup> March 2024.



11. B.Rajeshwari, J.Gunavathi 3<sup>rd</sup> Year won 1<sup>st</sup> prize in the Hackathon event held at Knowledge Institute of Technology, Salem, on 22nd March 2024.

12. R.Swetha 2<sup>nd</sup> Year won 3<sup>rd</sup> prize in the Paper presentation event at Sudharsan Engineering College, Pudukkottai on 15<sup>th</sup> March 2024.

13. R.Shanmugaraj, P.Santhoshini 3<sup>rd</sup> year won 2<sup>nd</sup> prize in the Project Expo event held at Muthayammal College of Engineering, Namakkal, on 13<sup>th</sup> March 2024.

14. R.Shanmugaraj and P.Saravanakumar 3<sup>rd</sup> year won 1<sup>st</sup> prize in poster presentation event held at Muthayammal college of Engineering on 13<sup>th</sup> march 2024.

15. M.Subha and P.Santhoshni 3<sup>rd</sup> year won 2<sup>nd</sup> Prize in paper presentation Event held at Muthayammal college of Engineering, Rasipuram, on 13<sup>th</sup> March 2024.



16. D.Karthikeyan, S.Mohana 3<sup>rd</sup> Year and S.Bharath 2<sup>nd</sup> Year won 1<sup>st</sup> prize in the Hackathon event held at Kongunadu College of Engineering and Technology, Trichy, from 08<sup>th</sup> March 2024 to 09<sup>th</sup> March 2024.



17. P.Sowmiya, S.Srimangaiyarkarasi, K.Anusuya, S.Dharshini, P.Naveena 2<sup>nd</sup> Year won 3<sup>rd</sup> prize in the dialogue finding event at Sona College of Technology, Salem, on 26<sup>th</sup> February 2024.

## ● Sports Winners

A.S.Vaishnavi 3<sup>rd</sup> year Agriculture Engineering department won 2<sup>nd</sup> price in the kabaddi, State level tournament, Morise city, Trichy, held on 11<sup>th</sup> February 2024.



C.Sivabalan 3<sup>rd</sup> Year Agriculture Engineering department Won 1<sup>st</sup> price in the basketball game, district level tournament Theni, held on 11<sup>th</sup> & 13<sup>th</sup> January 2024.



## ● Paper Presentation

78 Students of 2<sup>nd</sup> & 3<sup>rd</sup> year had participated in the paper presentation event at the Technical Symposium organized by various college as Government College of Engineering, Trichy, Sri Shanmuga College of Engineering and Technology, Bannari Amman Institute of Technology, Excel Engineering College, M.A.M College of Engineering, Sri Ramakrishna College of Engineering, Muthayammal College of Engineering, Sri Krishna College of Technology, Coimbatore, AVS College of Technoogy, Selvam College of Technoogy, Knowledge Institute of Technology, Tamilnadu Agricultural University, Agricultural Engineering College and Research Institute, Coimbatore, Sudharsan Engineering College, Gnanamani College of Technology.

## ● Student Participation in Seminar/Workshop/Webinar

- ❖ 6 students from 2<sup>nd</sup> year attended workshop titled on 'AI/ML and IOT' organized by Paavai Engineering College, Namakkal on 26<sup>th</sup> April 2024.
- ❖ 2 students from 2<sup>nd</sup> year attended workshop titled on 'GPS Transmission and Information' organized by Erode Sengunthar Engineering College, Erode on 23<sup>rd</sup> April 2024.
- ❖ 1 student from 2<sup>nd</sup> year attended workshop titled on 'Enhancing Cybersecurity through Advanced deep learning models for detecting cyber threads' organized by KPR Institute of Engineering and Technology, Coimbatore from 4<sup>th</sup> April 2024 and 5<sup>th</sup> April 2024.
- ❖ 1 student from 2<sup>nd</sup> year attended workshop titled on 'Integrating IoT and HVAC Systems with Advanced Technology' organized by Dhirajlal Gandhi College of Technology, Salem on 05<sup>th</sup> April 2024.
- ❖ 2 students from 2<sup>nd</sup> year attended workshop titled on '2D Drawings to 3D structure Workshop' organized by Insource Design Tech, Salem on 30<sup>th</sup> March 2024.
- ❖ 5 students from 2<sup>nd</sup> year and 1 student from 3<sup>rd</sup> year attended workshop titled on 'Smart Vehicle Using IoT' organized by Selvam College of Technology, Salem on 23<sup>rd</sup> March 2024.
- ❖ 4 students from 3<sup>rd</sup> year attended workshop titled on 'Drone Workshop' organized by Prathyusha Engineering College, Tiruvallur on 22<sup>nd</sup> March 2024.
- ❖ 4 students from 3<sup>rd</sup> year attended workshop titled on 'Drone Workshop' organized by Prathyusha Engineering College, Tiruvallur on 22<sup>nd</sup> March 2024.
- ❖ 5 students from 2<sup>nd</sup> year attended workshop titled on 'Manipulator Workshop' organized by Kongu Engineering College, Erode on 14<sup>th</sup> March 2024.
- ❖ 5 students from 3<sup>rd</sup> year attended workshop titled on 'Signal Processing' organized by K.Ramakrishnan College of Engineering, Trichy on 13<sup>th</sup> March 2024.
- ❖ 1 student from 3<sup>rd</sup> year attended workshop titled on 'Raspberry Pi with IoT' organized by Sri Krishna College of Technology, Coimbatore from 08<sup>th</sup> March 2024 and 9<sup>th</sup> March 2024.
- ❖ 1 student from 2<sup>nd</sup> year attended workshop titled on 'Intelligent Sensors' organized by Bannari Amman Institute of Technology, Erode on 1<sup>st</sup> March 2024 and 2<sup>nd</sup> March 2024.
- ❖ 1 student from 2<sup>nd</sup> year attended workshop titled on 'Drone Technology & Opportunity' organized by MSME, Coimbatore on 1<sup>st</sup> March 2024.
- ❖ 4 students from 2<sup>nd</sup> year attended workshop on National level technical symposium organized by Vivekanandha College of Engineering for Women, Thiruchengode on 29<sup>th</sup> February 2024.
- ❖ 10 students from 2<sup>nd</sup> year participated on Hands on Training on "Global Navigation Satellite System-RTK Rover with Visual Positioning System" on 26<sup>th</sup> February 2024.
- ❖ 4 students from 3<sup>rd</sup> year attended one day seminar on "Logistics Operations, Oil and Gas, Healthcare Management and Fire and Safety" organized by Nexora Academy, Trichy on 24<sup>th</sup> February 2024.
- ❖ 8 students from 3<sup>rd</sup> year attended seminar on "Regenerative Agriculture Programme" organized by Mahindra Pride Classroom, Naandi Foundation from 8<sup>th</sup> January to 10<sup>th</sup> January 2024.

## ● Project/Technical Event Contest/Hackathon/ Conference ● Conference

- 9 students from 3<sup>rd</sup> year participated in the International Conference organized by Erode Sengunthar Engineering College, Erode, on 30<sup>th</sup> April 2024.

## ● Hackathon

- 3 students from the 2<sup>nd</sup> year attended the Hackathon event organized by the Department of Agricultural Engineering at Kongunadu College of Engineering and Technology, Trichy held on 25<sup>th</sup> March 2024 and 26<sup>th</sup> March 2024.

- 3 students from the 2<sup>nd</sup> year attended the Hackathon event organized by the Department of Artificial Intelligence and Data Science at Kongunadu College of Engineering and Technology, Trichy held on 22<sup>nd</sup> March 2024 and 23<sup>rd</sup> March 2024.

- 1 student from the 3<sup>rd</sup> year attended the Hackathon event organized by the Department of Electronics and Communication Engineering at Kongunadu College of Engineering and Technology, Trichy held on 22<sup>nd</sup> March 2024 and 23<sup>rd</sup> March 2024.

- 2 students from the 3<sup>rd</sup> year attended the Hackathon event organized by the Department of Information Technology at Kongunadu College of Engineering and Technology, Trichy held on 8<sup>th</sup> March 2024 and 9<sup>th</sup> March 2024.

- 23 students from 3<sup>rd</sup> year and 18 students from the 2<sup>nd</sup> year attended the Technical Quiz, poster presentation, Spot the difference, Farm Layout, Tractor driving, Treasure hunt, Project expo, Seed identification, events at the National level Technical Symposium organized by the Government College of Engineering, Trichy (15<sup>th</sup> March 2024), Sri Shanmuga College of Engineering and Technology (12<sup>th</sup> March 2024), Bannari Amman Institute of Technology (9<sup>th</sup> and 10<sup>th</sup> March 2024), Excel Engineering College (6<sup>th</sup> April 2024), Kongunadu College of Engineering and Technology (28<sup>th</sup> March 2024), M.A.M College of Engineering (23<sup>rd</sup> March 2024), TNAU Agricultural Engineering College and Research Institute, Coimbatore (19<sup>th</sup> March 2024), Selvam College of Technology, Namakkal (on 23<sup>rd</sup> March 2024), Muthayammal College of Engineering, Namakkal (on 19<sup>th</sup> March 2024), Muthayammal College of Engineering, Namakkal (on 13<sup>th</sup> March 2024).

### NPTEL

- 07 Students from 3<sup>rd</sup> year successfully completed 12-week NPTEL course on "Entrepreneurship Essentials".
- 06 Students from 2<sup>nd</sup> year successfully completed 12-week NPTEL course on "Novel Technologies for Food Processing and Shelf-life Extension".

### GATE achiever



Name of the Candidate

VIJI N

Name of the Parent/Guardian

NEELIVANATHAN R

Registration No. **AG24S57427230**

Test Paper

**Agricultural Engineering (AG)**

Date of Examination **February 10, 2024**

GATE Score **263** Marks out of 100 **18.67**

All India Rank (AIR) in the test paper **542** Qualifying Marks  
 General **25.0**

Number of candidates appeared for the test paper **2362** EWS/OBC-NCL **22.5**  
 SC/ST/PwD **16.6**



N. VIJI

● Topper's List of Nov / Dec 2023

**III Year / V Semester**

**First**



**Dharun Franklin X**  
Reg. No. 62132118009



**Shanmugaraj R**  
Reg. No. 621321108043

**Second**



**Saravanakumar P**  
Reg. No. 621321108041

**Third**



**Kaviya S**  
Reg. No. 621321108018

**II Year / III Semester**

**First**



**Roshini R**  
Reg. No. 621322108040

**Second**



**Dharshini S**  
Reg. No. 621322108015

**Third**



**Sharmili S**  
Reg. No. 621322108047



**Yazhini M**  
Reg. No. 621322108057

*Chief Patron*

**Dr. V.Gopinath**, HOD/AGE

*Executive Editors*

**Ms. G.Veera Karunya**, Assistant Professor/AGE

**Mr. N.Mukilan**, Assistant Professor/AGE

*Student Editorial Members*

**Ms. P.Santhoshni**, III-Year      **Ms. D.Ananthi**, II-Year

**Ms. B.Navaneetha**, III-Year      **Mr. R.Anandh**, II-Year

**Mr. B.Kavibharath**, III-Year      **Mr. S.Christopher**, II-Year



Namakkal - Trichy Main Road, Thottiam, Trichy (Dt) 621 215, Tamilnadu.

Mob : 80125 05000, 80125 05011, 80125 05054   E-mail : [admission@kongunadu.ac.in](mailto:admission@kongunadu.ac.in)