



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

- PEO/PSO/PO
- Quality Policy of the Institute
- Department Achievements
- Staff Achievements
- Student Achievements

Program Educational Objectives (PEOs)

PEO I : Graduates shall become agricultural professionals with specialization in irrigation, farm equipments, post harvest and renewable energy along with automation.

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

PEO III : 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)

PSO 1 : Professional skills : Students shall understand, analyze, design and develop agricultural equipments to meet the requirements of farmer and industry.

PSO 2 : 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:

1. Engineering Knowledge : Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

2. Problem analysis : Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4).

3. Design/development of solutions : Design creative solutions for complex engineering problems and design / develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5).

4. Conduct investigations of complex problems : Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

5. Engineering tool usage : Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6).

6. The Engineer and The World : Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

7. Ethics : Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

8. Individual and Collaborative Team work : Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

9. Communication : Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences.

10. Project Management and Finance : Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

11. Life-Long Learning : Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8).

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.

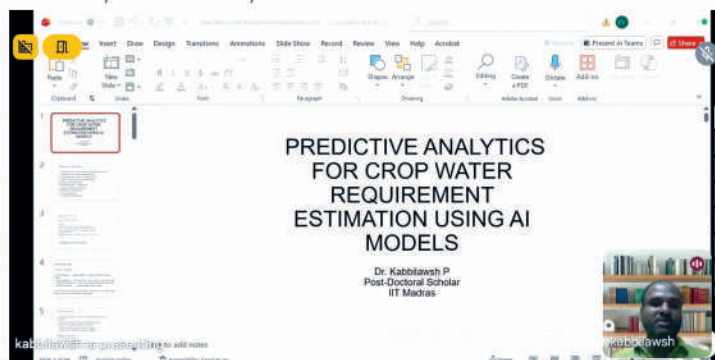
Department Achievements

Program Conducted by the Department

1. Faculty Development Program on 'Online Learning and Evaluation' through NITTTR Chandigarh was organized from 01st December 2025 to 05th December 2025.



2. National Level Online Seminar on 'Predictive Analytics for Crop Water Requirement Estimation using AI Models' was organized on 22th November 2025. The resource person was Dr.P.Kabbilawsh, Post-Doctoral Scholar, IIT Madras, Chennai.



3. Workshop on 'Agricultural Machinery Testing with Hands on Training' was organized on 27th September 2025. The resource person was Dr.T.Senthilkumar, Principal Scientist, ICAR, Coimbatore.



4. National Level Technical Symposium on 'Tekcluster 25' was organized on 13th September 2025. The resource person was Mr. Senthil Kumar Ganapathy, Vice President & Head of Design Department, Larsen & Toubro, Chennai.



Student Association Program

1. Seminar on 'Applications of SolidWorks in Agricultural Engineering' was organized on 27th September 2025. The resource person was Mr.A.S.Mouleeswaran, Alumni (Batch 2021-2025), Junior Design Engineer, Geco Legend Enviro Tech, Coimbatore.



2. Seminar on 'Future in Dairy: Exploring Careers, Culture & Opportunities' was organized on 29th August 2025. The resource person was Mr.T.Manoharan, Senior Manager, Operation Excellence & Product Development, Vijay Dairy and Farm Products (P) Ltd, Thuraiyur, Trichy.



3. Workshop on 'Innovating Implements for Tomorrow: A Vision for Agricultural Mechanization' was organized on 26th July 2025. The resource person was Mr.R.S.Gowrishankar, Business Head, Jaysan Agri Industrial, Coimbatore.



4. Innaguration & Seminar on 'Emerging Trends and Opportunities in Value Added Dairy Products' was organized on 22th July 2025. The resource person was Mr.N.Ramesh, Managing Director, Sri Vethaa Dairy Private Limited, Musiri, Trichy.



ISAE Activities

1. Workshop on 'Future Farming with Geospatial Technology' was organized on 09th September 2025. The resource person was Mr.P.Yavanasrinivasan, Business Development Executive, Dokimi Geo Engineering, LLP, Salem.



2. Workshop on 'Smart Drone Wings for Green Fields' was organized on 28th July 2025. The resource person was Mr.Captain Ashinee Kumar Acharya, Head of Training, Magic Myna Pvt Ltd., Coimbatore.



Program Conducted by the Green Club

1. Drawing Competition on 'Blooming Futures Art for a Living Planet' on 29th September 2025.



2. Innaguration & Workshop on 'Innovative Technologies in Plastic Recycling' on 02nd September 2025. The resource person was Mrs.K.Krishnaveni,B.A., KVB Project Co-Ordinator, Gramalaya, Trichy.



● Staff Achievements

● Publication

● Book/Manual:

1. Mr.N.Mukilan, Dr.P.Dineshkumar & Mr.S.Satheeshkumar, Strength of Materials for Agricultural Engineering, The Charulatha Publications, Chennai, ISBN: 978-93-49002-84-5, December 2025.

2. Dr.V.Gopinath, Mrs.G.Veera Karunya & Ms.B.Bhavadharani, Tractors and Fram Engines, The Charulatha Publications, Chennai, ISBN : 978-93-49002-99-9, December 2025.

3. Dr.P.Dineshkumar, Mr.M.Prabhu, Ms.R.Kavinila, Design of Basic Machine Elements, The Charulatha Publications, Chennai, ISBN : 978-93-49002-61-6, December 2025.

4. Dr.G.Kiruthika, Mr.S.Satheeshkumar & Mr.Sundharan, Soil Science and Engineering, The Charulatha Publications, Chennai, ISBN : 978-81-99334-0-6, December 2025.

● Journals :

1. D.Vasudevan, K.Gowtham, S.Chهران, M.Venkatesan, P.Dineshkumar, A.Karthikeyan, 'Fabrication of barium oxide nanoparticle as a promising thermal barrier coating for protecting corrosion in a various metal surfaces', Journal of Ovonic Research, ISSN:1584-9953, Volume: 21, Number:6, Pages: 845-858, <https://doi.org/10.15251/JOR.2025.216.845>.

2. Madhanagopal Adhikesavan, Ratchagaraj Dhairiyasamy, Prabhu Mottaiyan, Subhav Singh, 'Synergistic Reinforcement Strategies: Nanosilica with Graphene Versus MoS2 in High-Performance Glass/Epoxy Composites', Journal of Materials Engineering and Performance, ISSN: 1059-9495, <https://doi.org/10.1007/s11665-025-12399-5>.

● Conference :

1. Dr.V.Gopinath "Development of IoT-Interpreted Solar-Powered Paddy Transplanter" in the AICTE-VANNI, AgrolInnovate 2025: Sustainable Food Processing and Smart Agriculture for New India at Bannari Amman Institute of Technology from 20th November 2025 to 22nd November 2025.

2. Dr.P.Dineshkumar "Design and Fabrication of a Sugarcane Harvester for Small Farm Holdings" in the AICTE-VANNI, AgrolInnovate 2025: Sustainable Food Processing and Smart Agriculture for New India at Bannari Amman Institute of Technology from 20th November 2025 to 22nd November 2025.

3. Dr.G.Kiruthika "A Multitasking Machine for Various Intercultural Operation in Agriculture" in the AICTE-VANNI, AgrolInnovate 2025: Sustainable Food Processing and Smart Agriculture for New India at Bannari Amman Institute of Technology from 20th November 2025 to 22nd November 2025.

4. Dr.G.Kiruthika "Fabrication of an Adjustable Row Marker Combined with Seed Drill" in the AICTE-VANNI, AgrolInnovate 2025: Sustainable Food Processing and Smart Agriculture for New India at Bannari Amman Institute of Technology from 20th November 2025 to 22nd November 2025.

5. Mr.N.Mukilan "Design and Experimental Performance Evaluation of a Semiautomated Spanish Harvester" in the AICTE-VANNI, AgrolInnovate 2025: Sustainable Food Processing and Smart Agriculture for New India at Bannari Amman Institute of Technology from 20th November 2025 to 22nd November 2025.

6. Ms.B.Bhavadharani "Development of a compact solar assisted cotton harvesting unit for sustainable farm mechanisation" in the 2nd International conference on 'Gobal trends in Engineering and Technological Advancement (2nd ICGTETA'25) at Gojan School of Business and Technology, Chennai on 25th October 2025.

7. Ms.R.Kavinila "Development of paper pulp from sisal and banana fiber with rice straw" in the 2nd International conference on global trends in engineering and technological advancement (2nd ICGTETA'25) at Gojan School of Business and Technology, Chennai on 25th October 2025.

8. Dr.G.Kiruthika "Utilizing IoT for early prevention of Panama disease in banana crop" in the 2nd International conference on global trends in engineering and technological advancement (2nd ICGTETA'25) at Gojan School of Business and Technology, Chennai on 25th October 2025.

9. Dr.G.Kiruthika "Identification of spoiled mushrooms using AI based technology" in the 2nd International conference on global trends in engineering and technological advancement (2nd ICGTETA'25) at Gojan School of Business and Technology, Chennai on 25th October 2025.

10. Mrs.G.Veera Karunya "A solar powered system for efficient turmeric harvesting" in the 2nd International conference on global trends in engineering and technological advancement (2nd ICGTETA'25) held at Gojan School of Business and Technology, Chennai on 25th October 2025.

11. Mr.M.Prabhu "Development of smart mini carrot harvester for small scale farmer" in the National conference on "Emergence of Artificial Intelligence, Machine Learning & Computing Powers (NCEAIMLCP'25) held at Dhanalakshmi Srinivasan college of Engineering, Coimbatore on 11th October 2025.

12. Mr.N.Mukilan "Design and Development of Spinach Harvester" in the National conference on "Emergence of Artificial Intelligence, Machine Learning & Computing Powers (NCEAIMLCP'25) at Dhanalakshmi Srinivasan college of Engineering, Coimbatore on 11th October 2025.

• Resource Person

1. Dr.P.Dineshkumar, AP, gave a guest lecture on 'Green Energy Source' at Er.Perumal Manimekalai Polytechnic College, Hosur on 18th November 2025.

2. Mr.N.Mukilan, AP, gave a guest lecture on 'Bridging Learning and Application in Agri Engineering' at Mahendra Engineering College, Namakkal on 6th November 2025.

• Programs attended by staff

• FDP

1. Dr.G.Kiruthika, Ms.R.Kavinila and Ms.B.Bhavadharani attended the Faculty Development Program titled "Innovations and Emerging Technologies for Sustainable Civil Engineering : SDG prospective" at Dr.V.B.Kolte College of Engineering, Malkapur from 26th December 2025 to 30th December 2025.

2. Dr.G.Kiruthika, Ms.R.Kavinila and Ms.B.Bhavadharani attended the Faculty Development Program titled "Recent trends in renewable energy systems and technologies" at Kings College of engineering held during 16th December 2025 to 20th December 2025.

3. Mr.M.Prabhu attended the Faculty Development Program titled "Smart energy technologies: From research to real world applications" at Government College of Engineering, Kannur held during 16th December 2025 to 22th December 2025.

4. Mr.S.Satheeshkumar attended the Faculty Development Program titled "Sustainable Development in Civil Engineering: Contemporary Challenges, Industry Practices and Academic Solutions" at Sandip University, Nashik from 15th December 2025 to 19th December 2025.

5. Dr.P.Dineshkumar attended the Faculty Development Program titled "Innovation in advanced materials, optimization and sustainable energy systems" at SRM Institute of Science and Technology, Chennai from 15th December 2025 to 20th December 2025.

6. Dr.V.Gopinath, Ms.R.Kavinila and Ms.B.Bhavadharani attended the Faculty Development Program titled "Online Learning and Evaluation" through NITTTR Chandigarh was organized from 01st December 2025 to 05th December 2025.

7. Dr.P.Dineshkumar, Mr.N.Mukilan, Ms.R.Kavinila and Ms.B.Bhavadharani attended the Faculty Development Program titled "Hydrogen Energy: Pathways to a Sustainable and Decarbonized Future at National Institute of Technology" at Raipur from 24th November 2025 to 29th November 2025.

8. Dr.G.Kiruthika, Mr.M.Sundharan attended the Faculty Development Program titled "GengeoAi: Synergizing Generative AI, GIS, and Smart Technologies for Sustainable Agriculture" at IPS College Of Technology & Management from 24th November 2025 to 29th November 2025.

9. Dr.P.Dineshkumar attended the Faculty Development Program titled "The art and science of successful proposal writing: techniques, strategies and best practices" at CVR College of Engineering from 27th October 2025 to 06th November 2025.

10. Mr.M.Sundharan attended the Faculty Development Program titled "Indoor Air Pollution: Sources, Effects, Monitoring, Control and Modelling" at NPTEL-AICTE from July to October 2025.

11. Dr.P.Dineshkumar and Mr.M.Prabhu attended the Faculty Development Program titled "Automation in Manufacturing & Energy Conservation and Waste Heat Recovery" at NPTEL -AICTE from July to October 2025.

12. Mr.S.Satheeshkumar attended the Faculty Development Program titled "Remote Sensing: Principle and Applications" at NPTEL-AICTE from July to October 2025.

13. Mr.N.Mukilan attended the Faculty Development Program titled "Role of Artificial Intelligence and Machine Learning in Smart Grids" at IIT, Patna from 22nd September 2025 to 27th September 2025.

14. Dr.P.Dineshkumar, Dr.G.Kiruthika, Mrs.G.Veera Karunya and Ms.R.Kavinila attended the Faculty Development Program titled "Cutting - Edge Technologies in Engineering for Sustainable Development" at Seemanta Engineering College from 15th September 2025 to 20th September 2025.

15. Dr.V.Gopinath, Dr.P.Dineshkumar, Dr.G.Kiruthika, Mr.N.Mukilan, Mr.M.Prabhu and Ms.B.Bhavadharani attended the Faculty Development Program titled "Agricultural Waste Valorization: Unlocking Potential for Sustainable Fuel, Compost and Commodity Chemicals" at Rathinam Technical Campus from 15th September 2025 to 20th September 2025.

16. Dr.V.Gopinath attended the Faculty Development Program titled "Emerging Frontiers in Energy, Climate and Sustainability" at Government Engineering College, Samastipur from 08th September 2025 to 13th September 2025.

17. Dr.G.Kiruthika attended the Faculty Development Program titled "Innovation Pedagogy with Artificial Intelligence and Research Tools" at Asian College of Engineering and Technology from 01st September 2025 to 06th September 2025.

18. Mr.M.Prabhu and Dr.P.Dineshkumar attended the Faculty Development Program titled "Curriculum Development Using Outcome Based Approach" at NITTTR, Chandigarh from 04th August 2025 to 08th August 2025.

19. Dr.P.Dineshkumar attended the Faculty Development Program titled "CODE-to-CAREERS" at Kamaraj College of Engineering and Technology from 28th July 2025 to 01st August 2025.

NPTEL

1. Dr.P.Dineshkumar, M.Prabhu, has successfully completed 12-week course on Energy Conservation and Waste Heat Recovery, July-Oct (2025).

2. Mr.M.Sundharan (Elite) has successfully completed 12-week course on Indoor Air Pollution: Sources, Effects, Monitoring, Control and Modeling, July-Oct (2025).

3. Dr.P.Dineshkumar (Elite+Sliver), M.Prabhu (Elite+Sliver), has successfully completed 12-week course on Automation in Manufacturing, July-Oct (2025).

4. Mr.S.Satheeshkumar (Elite) has successfully completed 12-week course on Remote Sensing: Principles and Applications, July-Oct (2025).

5. Dr.P.Dineshkumar (Elite), M.Prabhu (Elite+Sliver), has successfully completed 12-week course on Heat Transfer, July-Oct (2025).

6. Mr.N.Mukilan (Elite) and Ms.R.Kavinila (Elite) has successfully completed 12-week course on Fundamentals of Food Process Engineering, July-Oct (2025).

NITTT

1. Mr.N.Mukilan, Mr.M.Prabhu, Mr.M.Sundharan and Ms.R.Kavinila has successfully completed 'Module 1: Orientation towards Technical Teacher Training'.

2. Mr.M.Sundharan has successfully completed 'Module 2: Professional Ethics & Sustainability'.

Seminar/Webinar

1. Dr.V.Gopinath, Mrs.G.Veera Karunya, Ms.B.Bhavadharani has participated in the workshop on "Agricultural Machinery Testing with Hands on Training", conducted by Department of Agricultural Engineering, Kongunadu College of Engineering and Technology on 27th September 2025.

2. Dr.G.Kiruthika has participated in the workshop on "PCB Designing" conducted by Indian Info Tech, Research & Training Centre on 13th September 2025.

3. Dr.G.Kiruthika has attended the seminar on "Carbon capture, utilization & storage: innovation for a net-zero future" organised by Coimbatore Institute of Engineering and Technology, Coimbatore on 11th September 2025.

4. Dr.G.Kiruthika & Ms.R.Kavinila have participated in the workshop on "Image classification using deep learning" conducted by Indian Info Tech, Research & Training Centre on 10th September 2025.

5. Ms.R.Kavinila has participated in the webinar on "Smart Geotechnics: AI, IOT & Sensors based Monitoring for ground behaviors" organized by the department of civil engineering, Coimbatore Institute of Engineering and Technology on 22nd August 2025.

6. Ms.R.Kavinila has participated in the "Indo Taiwan joint workshop on semiconductor packaging and testing (online-mode)" conducted by Sastra deemed university from 22nd August 2025 to 23rd August 2025.

7. Dr.P.Dineshkumar has participated in the technical workshop for NPTEL Stars held on 6th July 2025 at the SAC Auditorium, IIT Madras.

Faculty Industrial Training

Dr.P.Dineshkumar, AP, Agricultural Engineering department had attended Industrial Training Program at Ivory Gull Candy Company, Salem from 18th November 2025 to 20th November 2025.



Dr.G.Kiruthika, AP, Agricultural Engineering department had attended Industrial Training Program at Welthy Dairy Food Products, Namakkal from 21th November 2025 to 24th November 2025.



Mr.S.Satheeshkumar, AP, Agricultural Engineering department had attended Industrial Training Program at Kavin Irrigations, Karur from 11st December 2025 to 13th December 2025.



Mr.N.Mukilan, AP, Agricultural Engineering department had attended Industrial Training Program at KMT feeds, Thiruchengodu from 27th November 2025 to 29th November 2025.



Mr.M.Prabhu, AP, Agricultural Engineering department had attended Industrial Training Program at Kongunad Tractors, Namakkal from 22nd December 2025 to 24th December 2025.



Mr.M.Sundharan, AP, Agricultural Engineering department had attended Industrial Training Program at Krishi Agro Industry, Namakkal from 11st December 2025 to 13th December 2025.



Ms.R.Kavinila, AP, Agricultural Engineering department had attended Industrial Training Program at The Mohanur Co-operative Sugar Mill, Mohanur from 11st December 2025 to 13th December 2025.



Ms.B.Bhavadharani, AP, Agricultural Engineering department had attended Industrial Training Program at T Jayam agri Clinic, Viralimalai from 04th December 2025 to 06th December 2025.



Students Achievements

Prize Winners

- Christopher S, Imayavan I and Arun Prakash B of final year won Best Project Award in Project Expo Event held at KPR Institute of Engineering and Technology, Coimbatore on 27th September 2025.



• Roshini R, Rashitha Sri R and Suguna R of final year won second prize in Poster Presentation held at Excel Engineering College on 20th September 2025.



• Suguna R of final year won second prize in Quiz Competition held at Excel Engineering College on 20th September 2025.



• Mageshvaran V and Mohan Sharma K of final year won first prize in Oral Presentation held at Excel Engineering College on 20th September 2025.



• Swetha R and Yazhini M of final year won second prize and Sharmili S of final year won third prize in Quiz Competition held at Roever Engineering College on 19th September 2025.



• Swetha R and Yazhini M of final year won first prize in Paper Presentation held at Roever Engineering College on 19th September 2025.



• Sharmili S and Shakthi A K of final year won second prize in Paper Presentation held at Roever Engineering College on 19th September 2025.



• Manashwini M Y of third year won third prize in Paper Presentation held at Kongu Engineering College on 15th September 2025.



• Sivaraman A and Sowmiya P final year won first prize in Quiz Competition held at Mountzion College of Engineering and Technology on 04th September 2025.



- Kanusiya R second year won third prize in Drawing Competition held at Seethalakshmi Ramaswamy College on 30th August 2025.

● Paper Presentation / Project / Technical Event / Hackathon

- 1 student from second year had attended a quiz organized by Seethalakshmi Ramaswami College, Tiruchirappalli from 24th December 2025 to 2nd January.

- 6 students from final year had attended a paper presentation organized by KPR Institute of Engineering and Technology, Coimbatore on 27th September 2025.

- 17 students from third year had attended a project expo organized by KPR Institute of Engineering and Technology, Coimbatore on 27th September 2025.

- 7 students from final year participated in the project expo organized by KPR Institute of Engineering and Technology, Coimbatore on 27th September 2025.

- 17 students from third year participated in the paper presentation organized by KPR Institute of Engineering and Technology, Coimbatore on 27th September 2025.

- 6 students from third year participated in a poster presentation organized by KPR Institute of Engineering and Technology, Coimbatore on 27th September 2025.

- 5 students from second year had attended a paper presentation organized by Anna University Regional Campus, Madurai on 27th September 2025.

- 1 student from third year attended an online quiz organized by My Bharat – Viksit Bharat on 27th September 2025.

- 3 students from third year participated in the paper presentation organized by Sengunthar Engineering College from 25th September 2025 to 26th September 2025.

- 11 students from final year had attended a paper presentation organized by Selvam College of Technology, Namakkal on 25th September 2025.

- 1 student from second year attended the National Level E-Quiz (IQAC) organized by Seethalakshmi Ramaswami College, Trichy from 16th September 2025 to 23rd September 2025.

- 3 students from second year attended the National Level E-Quiz for World Ozone Day organized by Seethalakshmi Ramaswami College, Trichy from 16th September 2025 to 23th September 2025.

- 2 students from final year participated in a paper presentation organized by Excel Engineering College, Namakkal on 20th September 2025

- 10 students from final year participated in a poster presentation organized by Excel Engineering College, Namakkal on 20th September 2025.

- 4 students from final year had attended a paper presentation organized by Rover Engineering College, Perambalur on 19th September 2025.

- 13 students from final year had attended a paper presentation organized by Indra Ganesan College of Engineering, Trichy on 19th September 2025.

- 16 students from third year had attended a paper presentation organized by Indra Ganesan College of Engineering, Trichy on 19th September 2025.

- 2 students from second year had attended a paper presentation organized by Indra Ganesan College of Engineering, Trichy on 19th September 2025.

- 8 students from final year had attended a paper presentation organized by Kongu Engineering College, Perundurai on 15th September 2025.

- 16 students from second year had attended a paper presentation organized by Kongu Engineering College, Perundurai on 15th September 2025.

- 1 student from second year participated in the Agro Bot event organized by Karpagam Institute of Technology, Coimbatore on 13th September 2025.

- 7 students from final year had attended a paper presentation organized by Mountzion College of Engineering and Technology, Pudukkottai on 4th September 2025.

- 8 students from third year had attended a paper presentation organized by Vinayka Mission's Kirupanandha Variyar Engineering College, Salem on 3rd September 2025.

- 2 students from second year had attended a paper presentation organized by Easwari Engineering College, Chennai from 29th August 2025 to 30th August 2025.

- 10 students from second year attended a paper presentation organized by Indra Ganesan College of Engineering, Trichy on 26th August 2025.

- 17 students from third year attended a paper presentation organized by Indra Ganesan College of Engineering, Trichy on 26th August 2025.

- 3 students from second year attended a quiz competition organized by Indra Ganesan College of Engineering, Trichy on 26th August 2025.

- 2 students from third year attended a quiz competition organized by Indra Ganesan College of Engineering, Trichy on 26th August 2025.

- 2 students from second year attended a paper presentation organized by SSM College of Engineering, Namakkal on 20th August 2025.

- 2 students from second year participated in the Microbe Innovation Ideathon organized by iGEM Club IIT Delhi on 17th August 2025.

- 2 students from third year attended a paper presentation organized by Muthayammal Engineering College, Namakkal on 13th August 2025.

• Seminar/Workshop Participation

- 2 students from second year attended webinar on Magic Myna Private Limited – Remote Pilot Training Organisation organized by Yogi-Tech on 13th December 2025.

- 1 student from third year attended workshop on Mushroom Cultivation organized by Tamilnadu Agriculture University on 12th December 2025.

- 1 student from final year attended seminar on Sustainable Technological Solution for Pollution Control Measures organized by Yogi-Tech on 02nd December 2025.

- 10 students from second year attended seminar on Sustainable Technological Solution for Pollution Control Measures organized by Coimbatore Institute of Engineering and Technology on 02nd December 2025.

- 1 student from final year attended workshop on Leaf Detection & Disease Identification using Deep Learning organized by Indian Info Tech on 22nd November 2025.

- 4 students from final year attended webinar on End-to-End Web -Development organized by Yogi-Tech on 28th September 2025.

- 16 students from third year attended webinar on End-to-End Web-Development organized by Yogi on 28th September 2025.

- 1 student from final year attended workshop organized by KPR Institute of Engineering and Technology, Coimbatore on 27th September 2025.

- 2 students from final year attended workshop on Market Analysis using ML organized by Indian Info Tech on 25th September 2025.

- 2 students from third year attended workshop on Market Analysis using ML organized by Indian Info Tech on 25th September 2025.

- 1 student from second year attended workshop on Market Analysis using ML organized by Indian Info Tech on 25th September 2025.

- 1 student from final year attended seminar on Intelligent Drones in Industry 7.0, AI and IoT: Driving the Future of Engineering organized by Sona College of Technology, Salem on 22nd September 2025 to 23rd September 2025.

- 1 student from final year attended workshop on Arduino UNO basics and beyond organized by Indian Info Tech on 20th September 2025.

- 15 students from third year attended workshop on Arduino UNO basics and beyond organized by Indian Info Tech on 20th September 2025.

- 1 student from second year attended workshop on Arduino UNO basics and beyond organized by Indian Info Tech on 20th September 2025.

- 1 student from third year attended skill camp on Take your first step into open source with Github organized by Novi Tech on 20th September 2025.

- 15 students from third year attended webinar on License Plate Recognition using AI organized by Indian Info Tech on 17th September 2025.

- 1 student from second year attended webinar on License Plate Recognition using AI organized by Indian Info Tech on 17th September 2025.

- 1 student from final year attended webinar on PCB Designing organized by Indian Info Tech on 13th September 2025.

- 13 students from third year attended webinar on PCB Designing organized by Indian Info Tech on 13th September 2025.

- 1 student from second year attended webinar on PCB Designing organized by Indian Info Tech on 13th September 2025.

- 1 student from final year attended seminar on Carbon capture, utilization & storage (CCUS): Innovations for a Net-Zero Future organized by Coimbatore Institute of Engineering and Technology, Coimbatore on 11th September 2025.

- 1 student from final year attended webinar on Image Classification using Deep Learning organized by Indian Info Tech on 10th September 2025.

- 6 students from third year attended webinar on Image Classification using Deep Learning organized by Indian Info Tech on 10th September 2025.

- 1 student from second year attended webinar on Image Classification using Deep Learning organized by Indian Info Tech on 10th September 2025.

- 3 students from final year attended workshop on Embedded Systems organized by eozone on 04th September 2025.

- 3 students from second year attended webinar on Deep Learning organized by Indian Info Tech on 03rd September 2025.

- 8 students from third year attended seminar on RARE ML: Data Visualization Techniques for Exploration on Distributed Data Lakes organized by Vinayaka Mission's Kirupananda Variyar Engineering College, Salem on 03rd September 2025.

- 33 students from second year attended workshop on AI Based Gesture Recognition in Embedded Systems organized by Indian Info Tech Research and Training Center on 30th August 2025.

- 16 students from second year attended workshop on Road Sign Detection Using AI organized by Indian Info Tech Research and Training Center on 27th August 2025.

- 2 students from final year attended workshop on Earth Observation and Geospatial Intelligence for Disaster Management organized by Sathyabama Institute of Science and Technology, Chennai from 25th August 2025 to 30th August 2025.

- 1 student from second year attended webinar on Smart Geotechnics: AI, IoT & Sensors Based Monitoring for Ground Behavior organized by Coimbatore Institute of Engineering and Technology, Coimbatore on 22nd August 2025.

- 3 students from second year attended webinar on Empowering Agriculture through Modern Mechanization Techniques organized by Excel Engineering College, Namakkal on 21st August 2025.

• Other Events :

- 1 student from second year attended a skill contest organized by Naukri Campus Young Turks on 29th September 2025.

- 2 students from second year attended a drawing competition organized by Seethalakshmi Ramaswamy College, Trichy on 30th August 2025.

- 3 students from second year attended an essay writing competition organized by Seethalakshmi Ramaswamy College, Trichy on 30th August 2025.

• NPTEL

- 34 students from second year successfully completed 08-week NPTEL course on Food Packaging Technology.

- 2 students from second year successfully completed 12-week NPTEL course on Soil Fertility and Fertilizer.

- 7 students third year & 1 student final year successfully completed 12-week NPTEL course on Fundamentals of Food Processing Engineering.

- 3 students third year successfully completed 12-week NPTEL course on Farm Machinery.

- 1 student final year successfully completed 12-week NPTEL course on Remote Sensing and GIS.

• Value Added Courses

- 27 students from third year had attended the value-added course on CAD for Agricultural Engineering.

- 27 students from third year had attended the value-added course on Landscape Irrigation.

• IIT Spoken Tutorial

- 58 students from final year had completed IIT Spoken Tutorial on QGIS.

- 56 students from third year had completed IIT Spoken Tutorial on Arduino.

- 49 students from second year had completed IIT Spoken Tutorial on Introduction to Computers.

• Industrial Visit

1. Second year Agricultural Engineering students visited Naga Limited Foods, Dindigul on 26th September 2025.



2. Third year Agricultural Engineering students visited Jain Irrigation System Limited, Udumalpet on 18th July 2025.



3. Final year Agricultural Engineering students visited AGRI INTEX - Codissia, Coimbatore on 11th July 2025.



COLLEGE VISION & MISSION

• 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”

• 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 VISION & MISSION

• VISION

“To produce excellent professionals in agricultural engineering through quality education, leadership skills and ethical values to serve the society.”

• MISSION

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

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