

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.), Thottiam (TK), Trichy (Dt.) - 621 215.

DEPARTMENT OF SCIENCE AND HUMANITIES

Science And Humanities



BRIDGE COURSE

The inaugural function of the Bridge Course for freshers was held on 7th August 2024, in the college premises. The event featured Dr.A.Kaliyamurthy, the former Superintendent of Police for Tiruchirappalli District, as the chief guest. Following the inaugural function, classes commenced on the same day.



INDUCTION PROGRAM

The Induction Program was held on 27th August 2024, at the college premises, with Dr.K.Karthik Velu from One Life - One Chance Life Skill Academy in Salem serving as the chief guest.



The Induction Program was held on 18th November 2024, at the college premises, with Dr.Jegan, Motivational Speaker, CEO, Win your Weakness, Motivational Academy in Madurai serving as the chief guest.



ORIENTATION PROGRAM

An orientation program for first-year students was conducted from 18th Sep to 28th Sep 2024. Mr.T.Ragunath, a psychologist from Chennai, served as the trainer.



MOTIVATION PROGRAM

The Motivation Program was held on 3rd December 2024 at the college premises, with Mr. Rajesh Fernando, International Motivational Trainer, Bangalore.



SCIENCE CLUB

The Science Club Inauguration was held on 26th October 2024, in Seminar Hall-1, featuring FM Bala, a counseling psychologist and student motivational trainer from WE THE LEADER Foundation in Coimbatore, as the chief guest.

EVENTS ORGANIZED

The English Department is organizing a five-day FDP titled "Empowering Education: Enhancing Skills for Excellence" from 23rd Sep to 27th Sep 2024.

The Mathematics Department is organizing a five-day FDP on "Mathematical Methods and Their Applications" from 29th Aug to 3rd Sep 2024.

The Chemistry Department is organizing a five-day FDP focused on "Recent Innovative Approaches to Achieve Sustainability" from 26th Aug to 30th Aug 2024.

ENGLISH SEMINAR

A one-day national-level virtual seminar on "English Communication Skills for Employability and Professional Success" was organized on 30th Aug 2024. The chief guest for the event was Dr.Y.Prabhavathi, Professor, Department of English at Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology, Hyderabad.



MATHEMATICS WORKSHOP

A one - day national - level workshop on "Application of Linear Algebra" was held on 6th Aug 2024. The chief guest for the event was Dr.G.Karthick, Assistant Professor, Department of Mathematics at Presidency University, Bengaluru.



CHEMISTRY WORKSHOP

A one-day national-level workshop on "Applications of Chemical Compounds in Diagnostic Imaging" was organized on 26th July 2024. The event featured Dr.K.Devasenathipathy, Professor, AIIMS, New Delhi, as the chief guest.



PHYSICS SEMINAR

A one-day national level seminar on "Role of Multicomponent Crystal Forms in Drug Design and Development" was held on 10th July 2024. The chief guest for the event was Dr. K.L. Jyothi, Associate Professor, Department of Physics, Center in Chintamani, Karnataka.



Staff as a resource person

Dr.D.Balraj, AP/Mathematics department gave a lecture on "Role of Mathematics in Machine Learning" at Imayam College of Engineering, Thuraiyur on 19th November 2024.

Mr.G.Arunkumar, AP/English department gave a lecture on "Language Cultural Diversity a Global Concern" at Imayam College of Engineering, Thuraiyur on 19th November 2024.

Subject Expert

Mr.J.Sophers AP Mathematics department attended the Board of Studies as the subject Expert for the B.Sc., Mathematics Course at Parvathy's Arts and Science College, Dindigul on 25th Oct 2024.

● Staff Achievements and Awards

● India International Science Festival 2024

Dr.A.Viji, ASP Physics Department, brought laurels to our institution by winning the Best Paper Award at the prestigious Young Scientist Conclave. This event was part of the India International Science Festival 2024, held at IIT Guwahati from 30th Nov to 3rd Dec 2024.

She presented an insightful oral paper titled "Anti-Cancer Activities and Molecular Docking Studies on Novel Bioactive Drug of Hydroxy-I," showcasing groundbreaking research in the field of bioactive drug discovery.

● Book Publication

Mr.S.Senthilkumar, Mr.B.Raguraman and Mr.G.Arunkumar, Communicative English, Pearson India Education Services Pvt. Ltd. Chennai.

Dr.K.Balasubramanian, Dr.G.Saveetha and J.Sophers, Matrices and Calculus, Pearson India Education Services Pvt. Ltd. Chennai.

Dr.A.Viji, Mr.D.Karunanithy and Mr.A.Antony prabhu, Engineering Physics, Pearson India Education Services Pvt. Ltd. Chennai.

Dr.S.Kathiresan, Dr.S.Suresh and Mrs.G.Kalaimagal, Engineering Chemistry, Pearson India Education Services Pvt. Ltd. Chennai.

● Publication in Journals

Arumugam Senthil Murugan, Thangaraj S.T. Balamurugan, Jamespandi Annaraj, Sellamuthu Kathiresan, "Instant detection of environment pollutants (Hg²⁺/Cu²⁺) in water and food samples using pyrene-based chemosensor, and its bio imaging applications", Journal of Molecular Liquids, DOI: <https://doi.org/10.1016/j.molliq.2024.126785>, January 2025(SCI).

P.K.Abhilash, P.Jegajeevanram, P.Prabu, M.Abdurrahman, A.Antony Prabhu, K.Reyazalisahib, Chand ramohan Govindasamy, Muhammadlibrar Khan, Kokkarachedu Varaprasadi, Palanisamy Arulselvan, "Multifunctional cerium oxide-copper oxide nanocomposites prepared via one-pot engineering precipitation: Antimicrobial, antioxidant and anticancer activities", Journal of the Indian Chemical Society, DOI:10.1016/j.jics.2024.101525 January 2025(SCI).

David Jerell S, Shankar S M, Sudhakar K, Ganeshkumar Arumugam, Padmanaban Annamalai, Radhalayam Dhanalakshmi, Sreekanth T.V.M, Abdullah Alarifi, "Effect of Cu-ZnO nanoparticles on the photocatalytic degradation of reactive red 120", Elsevier, DOI : 10.1016 / j.surfin. 2024. 105579, December 2024(SCI)

K.Vanasundari, A.Viji, P.Sivaprakash, K.Ashok Kumar, Govindasami Periyasami, Chinna Bathula, Hyun-Seok Kim, Ikhyun Kim, "Investigation of photocatalytic and corrosion resistance properties of Zr-Ag doped SnO₂ Nanoparticles: The impact of calcination temperature" Journal of Molecular Liquids, DOI: <https://doi.org/10.1016/j.molliq.2024.126502>, December 2024(SCI)

A.Suheal, M.S.Jagatheeshwaran, N.Sudha, Pugalenth Ramesh, "Boosting Erosion-Corrosion Resistance : Collaborative Ni-P Electroless Deposition on Poly Amino - Alcohol@Functionalized GO Matrices", Journal of Chemistry Europe, DOI: <https://doi.org/10.1002/slct.202401531>, October, 2024(SCI)

Rangarajan Nagalakshmi, Vadivel Balachandran, Arangarajan Viji, Badladka Narayana, Fahd Alharethy, Ramadurai Murugan, Mukesh Kumar Dharmalingam Jothinathan and Divya Sivasubramani "Quantum chemical calculations and molecular docking studies of 5-amino-3-(2,5-dimethoxyphenyl)-1-isonicotinoyl-2,3-dihydro-1H-pyrazole-4-carbonitrile" De Gruyter, DOI : <https://doi.org/10.1515/zpch-2024-0750>, October, 2024(SCI)

K.Vanasundari, A.Viji, R.Vijayakumar, Prakasam, "NiCR 2-Xgd X O4 ceramics magnetic structural and electrical conductivity as well as their activation energy properties", Inorganic Chemistry Communications, DOI : 10.1016 / j.inoche. 2024.113110, September 2024 (SCI)

Ahmad Yahya Ahmad Bani Ahmad, Jafar Alzubi, Sophers James, Vincent O. Nyangaresi, Chanthirasekaran Kutralakani, Anguraju Krishnan, "Enhancing Human Action Recognition with Adaptive Hybrid Deep Attentive Networks and Archerfish Optimization", Computers, Materials & Continua, DOI : 10.32604 / cmc. 2024.052771 September 2024 (SCI)

A.Viji, P.Sivaprakash, R.Vijayakumar, V.Balachandran, Chinna Bathula, Hyun-Seok Kim, Ikhyun Kim, "Evaluation of experimental and computational studies and docking studies of (2E)-1-(anthracen-9-yl)-3-(4-bromophenyl) prop -2-en-one using a DFT method", Journal of Molecular Structure, doi.org / 10.1016 / j.molstruc. 2024.140002, October 2024 (SCI)

A.Suheal, M.S.Jagatheeshwaran, N.Sudha, Pugalenth Ramesh "Boosting Erosion-Corrosion Resistance : Collaborative Ni-P Electroless Deposition on Poly-Amino- Alcohol @ Functionalized GO Matrices", Journal of Chemistry Europe, doi.org/10.1002 / slct.202401531, November 2024 (SCI)

R.Thangathamizh, K.Balamurugan, C.Karnan, P.Shanmugavel, D.Balraj, "A Revised Fuzzy Differential Equations Using Weakly Compatible Self - Mapping in Revised Fuzzy Metric Spaces", Advances in Nonlinear Variational Inequalities, DOI: <https://doi.org/10.52783/anvi.v27.716>, August 2024 (SCOPUS)

R.Karthikeyan, S.Mohan kumar, K.Balasubramanian, Ms.R.Deepa, Ms.T.Priya, "Viscous Dissipation Effects on MHD free Convective Effects of Unsteady Flow Over a Vertical Porous Plate with Effects of Radiation", Communications on Applied Nonlinear Analysis, DOI: <https://doi.org/10.52783/cana.v32.1745>, October 2024 (SCOPUS)

S.Manivannan, R.Venkatesh, Gopal Kaliyaperumal, S.Karthikeyan, Vinayagam Mohanavel, Manzoore Elahi Mohammad Soudagar, N.Karthikeyan, "Magnesium Alloy Hybrid Composite Properties are Featured with Boron Carbide Particle for Automotive Seat Frame Usage", SAE International, DOI : <https://doi.org/10.4271/2024-01-5207> (SCOPUS)

T.Jeeva, P.N.Sudha, "A different approach to solve fuzzy transportation problem using triangular fuzzy numbers", AIP Conference proceedings, DOI : <https://doi.org/10.1063/5.0232812>, November 2024(SCOPUS)

T.Jeeva, P.N.Sudha "A novel approach for solving transportation problem in fuzzy environment", AIP Conference proceedings, DOI : <https://doi.org/10.1063/5.0232814>, November 2024(SCOPUS)

P.Thangamani, C.Thangapandi "Pentagonal fuzzy numbers : A newly proposed technique to resolve fuzzy transportation problem", AIP Conference proceedings, DOI : <https://doi.org/10.1063/5.0232747> November 2024 (SCOPUS)

J.Sophers, P.N.Sudha "An innovative approach for solving assignment problem in fuzzy environment using new ranking method", AIP Conference Proceedings, DOI: <https://doi.org/10.1063/5.0232820>, November 2024(SCOPUS)

J.Sophers, P.N.Sudha "Solving a fuzzy assignment problem in new algorithm using trapezoidal fuzzy numbers", AIP Conference Proceedings, DOI: <https://doi.org/10.1063/5.0232818>, November 2024(SCOPUS)

P.Saradha, R.D.Gomathi, M.Mythili, G.Jamuna, S.Karthick, N.Indhumathi, R.Gowthaman, M.K.Sai Sanjay, G.Hariharan, "Integration of AI tools in learning pedagogy for L2 Learners in Engineering Education: Impacts, Challenges and Possibilities", IEEE, DOI: 10.1109/ICCCNT61001.2024.10726115

Suresh.G.S, Praveen Sam, Joseph Vinoth Kumar and Sabarathinam, "MELTS (Motivational English Language Teaching Sources) for Building Language Acquisition of Gen Z Tertiary Level Engineering Students : A Study", Indian Journal of Natural Sciences, ISSN: 0976 - 0997.

Program attended by the Staff (Conference / FDP / seminar / others)

Mr.A.Antony Prabhu AP Physics department has presented a paper on Green Synthesis of SnO₂ Nanoparticles using biological and Photocatalytic Properties in one day International Conference entitled "Emerging Trends in Mathematics and Physical Science" at Shrimati Indra Gandhi College, Trichy on 24th Sep 2024.

Mrs.M.Janaki AP Physics department has presented a paper on Green Synthesis of Molecular Docking and Computational Studies Anti-Cancer Drug: Thiazole Derivatives in one day International Conference entitled "Emerging Trends in Mathematics and Physical Science" at Shrimati Indra Gandhi College, Trichy on 24th Sep 2024.

Mr.R.Gowthaman AP English department has presented a paper titled "Navigating Language and Cultural Identity in Chimamanda Ngozi Adichie's Americanah : A Comparative Analysis with Jhumpa Lahiri's The Namesake" In one day International Conference on "Global Voices: Innovations in Linguistics and Literature" at St.John's College of Arts and Science, Kanyakumari on 6th Sep 2024.

Dr.N.Sudha ASP, Mrs.G.Kalaimagal AP Chemistry department has attended in virtual International Conference on "Advancement in Drinking Water Disinfection Technologies" at Anna University, Chennai on 19th July 2024.

Mr.J.Sophers AP, Dr.D.Balraj AP, Dr.B.Nisha AP, Mr.K.T.Baalasubramaniyan AP Mathematics department has successfully participated in one week National Level Faculty Development Program on "Recent Development in Pure & Applied Mathematics" at IIST, Indore from 23rd to 28th Dec 2024.

Mr.R.Sathis Kumar AP Physics department has participated and successfully completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Advanced functional materials : Nano Shaping in Quantum domain" at Jai Shriram Engineering College from 9th to 14th Dec 2024.

Mr.A.Antony Prabhu AP Physics department has participated one week Online National Level FDP on "Recent Advances in Functional Materials and Characterizations" organized by SRM Institute Of Science & Technology, Ramapuram from 25th to 30th Nov 2024.

Mr.B.Raguraman & Mr.R.Gowthaman AP English department attended in Five Days Virtual FDP on "Empowering Educators : Teaching Pedagogy, Research and Innovation Skills" at Selvamm Arts and Science College, Namakkal from 25th to 29th Nov 2024.

Mr.S.Senthilkumar AP, Mr.G.Arunkumar AP English department has participated one week FDP on "Outcome based Education and Accreditation Process" organized by NITTR, Chandigarh from 25th to 29th Nov 2024.

Mrs.M.Janaki AP Physics department has participated one week FDP on "Outcome based Education and Accreditation Process" organized by NITTR, Chandigarh from 25th to 29th Nov 2024.

Mr.J.Sophers AP, Dr.D.Balraj AP Mathematics department has participated one week FDP on "Outcome based Education and Accreditation Process" organized by NITTR, Chandigarh from 25th to 29th Nov 2024.

Dr.N.Sudha ASP, Dr.S.Kathiresan ASP Chemistry department has participated one week FDP on "Outcome based Education and Accreditation Process" organized by NITTR, Chandigarh from 25th to 29th Nov 2024.

Mr.G.Arunkumar, Mrs.S.Seetha & Mrs.P.Annalakshmi AP English department has participated one week Online National level FDP on "Human Resource Leadership: Driving Organizational Success Through People" organized by Gokul Global University, Gujarat from 18th to 23rd Nov 2024.

Mr.K.T.Baalasubramaniyan & Dr.D.Balraj AP Mathematics department has participated one week Online FDP on "Innovative Applications of Mathematics" organized by Bapatla Engineering College, Bapatla from 18th to 23rd Nov 2024.

Mr.A.Antony Prabhu AP Physics department has participated one week Online FDP on "Engineering Physics - Basics" organized by NITTR, Chandigarh from 18th to 22nd Nov 2024.

Dr.D.Balraj AP Mathematics department attended in five days online FDP on "Next - Generation Technologies on Information and Communication" at Bengal College of Engineering and Technology, Bengal from 5th to 9th Nov 2024.

Mrs.T.Jeeva AP Mathematics department has participated in the one week online National level FDP on "Unleashing the Power of AI Tools for Teaching" organized by Sanatan Dharma College, Ambala Cantt from 30th Sep to 5th Oct 2024.

Dr.B.Nisha AP Mathematics department has participated one week Online FDP on "Enhancing Research Capabilities for Academic Career Progression" organized by NITTR, Chandigarh from 23rd to 27th Sep 2024.

Dr.S.M.Shankar AP Physics department has participated and successfully completed 5-days Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 23rd to 27th Sep 2024.

Mr.R.Gowthaman AP English department has participated and successfully completed 5-days Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 23rd to 27th Sep 2024.

Mr.M.Dhanapal AP Mathematics department attended five days Faculty Enrichment Program on "Indian Knowledge system and Universal values for Academic Integrity" organized by PG and Research Department of English, Jamal Mohamed College, Trichy from 23rd to 27th Sep 2024.

Dr.T.Vembu ASP English department has participated and successfully completed 5-days Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 9th to 13th Sep 2024.

Dr.B.Nisha AP, Mrs.P.Thangamani AP, Dr.A.Sobanappriya AP, Mrs.T.Jeeva AP Mathematics department has participated in International - FDP on "Ethical Issues in Research Writing" Organized by Regional College for Education Research and Technology, Jaipur (a unit of deepshikha group of colleges) and University of Technology, Jaipur in association with Scientific and Humanities Research Society, Jaipur, Rajasthan on 11th to 16th sep 2024.

Mr.R.Gowthaman AP English department has participated in International - FDP on "Ethical Issues in Research Writing" Organized by Regional College for Education Research and Technology, Jaipur (a unit of deepshikha group of colleges) and University of Technology, Jaipur in association with Scientific and Humanities Research Society, Jaipur, Rajasthan on 11th to 16th sep 2024.

Dr.B.Nisha AP Mathematics department has participated and successfully completed 5 -days Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 9th to 13th Sep 2024.

Dr.S.M.Shankar AP Physics department has participated in Five days Online FDP on "Renewable and Non Renewable Energy Sources and Their Impact on Current Energy Scenario", organized by the Department of Science and Humanities, Nehru Institute of Technology, Coimbatore from 27th to 31st Aug 2024.

Mr.R.Gowthaman AP English department has participated in one week Online National Level FDP on "Echoes from the Mountain Kingdom: Discovering Bhutan Through its Literature", organized by the Gokul Global University, Gujarat from 29th Aug to 4th Sep 2024.

Mr.D.Karunanithi AP Physics department attended in Five Days Online FDP on "Renewable Energy and Energy Storage Devices" at SNS College of Engineering, Coimbatore, Chennai from 19th to 23rd Aug 2024.

Dr.S.Kathiresan ASP, Mrs.A.Mageswari AP Chemistry department attended in Six Days Online FDP on "Artificial Intelligence's Impact on Transforming software, Robotics, Electrical, Electronics & Mechanical Fields" at Dhaanish Ahmed College of Engineering, Tambaram, Chennai from 5th to 10th Aug 2024.

Dr.K.Balasubramanian Prof. Mathematics department attended in five days online FDP on "International Advanced Faculty Development Program Designs Mechanics of Manuscript Drafting and Free Publication" at Eduxia research University, USA from 27th July to 5th Aug 2024.

Dr.A.Viji ASP, Mrs.M.Janaki AP, Mrs.T.Kanagapriya AP, Mr.A.Antony Prabhu AP, Mr.R.Sathishkumar AP, Physics department attended in Two Week Online FDP on "Frontiers in Materials Research, Innovations and Entrepreneurship (FMRIE'24)" at Sairam Engineering College, West Tambaram, Chennai from 25th July to 8th Aug 2024.

Mr.M.Dhanapal AP, Mr.M.Kannan AP Mathematics department attended in Two Week Online FDP on "Frontiers in Materials Research, Innovations and Entrepreneurship (FMRIE'24)" at Sairam Engineering College, West Tambaram, Chennai from 25th July to 8th Aug 2024.

Dr.N.Sudha ASP, Dr.S.Kathiresan ASP, Mrs.G.Kalaimagal AP, Mrs.A.Mageswari AP, Mrs.B.Subashini AP, Chemistry department attended in Two Week Online FDP on "Frontiers in Materials Research, Innovations and Entrepreneurship (FMRIE'24)" at Sairam Engineering College, West Tambaram, Chennai from 25th July to 8th Aug 2024.

Dr.N.Karthikeyan Prof, Dr.G.Saveetha ASP, Mrs.P.Thangamani AP, Mr.K.T.Baalasubramanian AP, Dr.A.Sobanappriya AP, Dr.D.Balraj AP, Mr.M.Danapal AP, Mr.M.Kannan AP, Mrs.T.Jeeva AP Mathematics department attended in Seven Days National Level inter Disciplinary virtual FDP on "Empowering Teaching And Research Through Emerging Technology" at Ethiraj College For Women, Chennai from 22 to 26th, 29 & 30th July 2024.

Mrs.A.Mageswari AP, Mrs.G.Kalaimagal AP, Mrs.B.Subashini AP Chemistry department attended in Seven Days National Level Inter Disciplinary virtual FDP on "Empowering Teaching and Research through Emerging Technology" at Ethiraj College for Women, Chennai from 22nd to 26th, 29th & 30th July 2024.

Mr.A.Antony Prabhu AP Physics department attended in Seven Days National Level Inter Disciplinary virtual FDP on "Empowering Teaching and Research through Emerging Technology" at Ethiraj College for Women, Chennai from 22nd to 26th, 29th & 30th July 2024.

Mr.G.Arunkumar AP English department attended in Seven Days National Level Inter Disciplinary virtual FDP on "Empowering Teaching and Research through Emerging Technology" at Ethiraj College for Women, Chennai from 22nd to 26th, 29th & 30th July 2024.

Dr.K.Balasubramanian Prof. Mathematics department attended in Five Days FDP on "Recent Trends in Computational Science" at Amity Institute of Applied Sciences Department of Statistics and Mathematics, Kolkata from 22nd to 26th July 2024.

Dr.K.Balasubramanian Prof. Mathematics department attended in Five Days International FDP on "Numerical Computations & Dynamical Systems (NCDS-2024)" at Anurag University, Hyderabad from 22nd to 26th July 2024.

Dr.G.Saveetha ASP, Dr.A.Sobanappriya AP, Mrs.T.Jeeva AP department has actively participated in "7 Days Online FDP on Essential Skills for Professional Development in Higher Education" organized by Star International Foundation for Research and Education, Namakkal from 1st to 7th July 2024.

Mrs.A.Mageswari AP Chemistry department attended in Seven Days FDP on "Success Strategy to Crack TNSET/UGC NET in Paper-1" at Meenakshi Ramaswamy Engineering College, Ariyalur from 1st to 7th July 2024.

Mrs.M.Janaki AP Physics department attended in Seven Days FDP on "Success Strategy to Crack TNSET/UGC NET in Paper-1" at Meenakshi Ramaswamy Engineering College, Ariyalur from 1st to 7th July 2024.

Mr.E.Manikandan AP Mathematics department attended in Seven Days FDP on "Success Strategy to Crack TNSET/UGC NET in Paper-1" at Meenakshi Ramaswamy Engineering College, Ariyalur from 1st to 7th July 2024.

Dr.D.Balraj, AP Mathematics department attended in Workshop on "Computing Calculus with Python" at Math Tech Thinking Foundation, Fazilka, Punjab on 23rd Dec 2024.

Dr.N.Sudha ASP, Mrs.G.Kalaimagal AP Chemistry department has participated in the International Seminar on "Advanced Materials for Sustainable Development for Energy Applications" at SRM Institute of Science & Technology, Ramapuram on 9th Nov 2024.

Dr.G.Saveetha ASP, Dr.B.Nisha AP, Dr.A.Sobanappriya AP, Mrs.P.Thangamani AP, Mrs.T.Jeeva AP, Mr.J.Sophers AP, Mrs.D.Latha AP, Mathematics department attended in "International Virtual Workshop on Equation of Intelligence: Exploring the Fusion of Mathematics and AI" at SRM Institute of Science & Technology, Ramapuram on 23rd & 24th Aug 2024.

Dr.N.Sudha ASP, Dr.S.Kathiresan ASP & Mrs.G.Kalaimagal AP Chemistry department attended in Workshop on "Nano Technology and Thin Films" at SRM Institute of Science & Technology, Ramapuram on 6th Aug 2024.

Mrs.M.Janaki AP, Mr.R.Sathishkumar AP & Mr.A.Antony Prbhu AP Physics department attended in Workshop on "Nano Technology and Thin Films" at SRM Institute of Science & Technology, Ramapuram on 6th Aug 2024.

Mrs.A.Mageswari AP Chemistry department attended in National seminar on "Recent Trends in Materials Science and Engineering" at SRM Institute of Science and Technology, Chennai on 1st Aug 2024.

Dr.D.Balraj AP Mathematics department attended in Workshop on "Quantum Mechanical Calculations through Computational Techniques" at SRM Institute of Science & Technology, Ramapuram on 27th July 2024.

Dr.N.Sudha ASP, Dr.S.Kathiresan ASP, Mrs.G.Kalaimagal AP, Mrs.A.Mageswari AP Chemistry department attended in "National Workshop on Hands on Training Programme on Useful Tools to Efficiently Create Research Summery" at SRM Institute of Science & Technology, Ramapuram on 22nd July 2024.

Dr.K.Balasubramanian Prof. Mathematics department attended in "International Workshop on Research Manuscript Drafting & Patent Filing Process" at Eudoxia Research University, USA on 13th July to 20th July 2024.

Dr.A.Viji, ASP Physics department attended in Workshop on "Indian Nanoelectronics Users Programme-Idea to Innovation" at IIT Madras, Chennai on 8th to 10th July 2024.

Dr.N.Sudha ASP Chemistry department has participated in International Seminar on "Advanced Materials for Sustainable Development for Energy Applications" at SRM Institute of Science & Technology, Ramapuram on 9th Nov 2024.

Mrs.B.Subashini AP Chemistry department has participated in the National Seminar on "Recent Trends in Materials Science and Engineering (NRTMSE- 2024)", at SRM Institute of Science and Technology, Ramapuram, on 1st Aug 2024.

Dr.N.Sudha ASP, Dr.S.Kathiresan ASP, Mrs.G.Kalaimagal AP Chemistry department attended in "National Symposium on Futuristic green energy Technology" at SRM Institute of Science & Technology, Ramapuram on 23rd July 2024.

Industrial Visit

Dr.S.Kathiresan ASP, Dr.S.Suresh ASP and Mr.P.Neelakandan AP, completed three days Industrial visit on Sugar Manufacturing process Kothari Sugars,Trichy 17th to 19th July 24.

Dr.N.Sudha ASP, Mrs.G.Kalaimagal AP, Mrs.A.Mageswari AP, Mrs.B.Subhashini AP Chemistry department visited Shine the Bio Bag (Manufacturers of Biodegradable Plastic Products), Rasipuram from 16th to 18th July 2024.

Dr.A.Viji ASP, Mr.D.Karunanidhi AP, Mr.A.Antony Prabhu AP, Mrs.M.Janaki AP, Mrs.T.Kanagapriya AP and Mr.R.Sathish Kumar AP Physics department visited Shri Amman Steel & Allied Industries(P)LTD, Nagamangalam, Trichy from 18th to 20th July 2024.

NPTEL Course attended by the Staff

S.No.	Name of the Faculty	Design/Dept.	Duration	Name of the Course
1	Dr. N.Karthikeyan	Pre-C.Maths	Jul - Oct 2024	Foundations of R. Software
2	Mrs.P.Thangamani	AP.Maths	Jul - Oct 2024	Foundations of R. Software
3	Mr.E.Manikandan	AP.Maths	Jul - Oct 2024	Foundations of R. Software
4	Dr.G.Saveetha	ASP.Maths	Jul - Oct 2024	Mathematical Methods and its Applications
5	Mr.J.Sophers	AP.Maths	Jul - Oct 2024	Mathematical Methods and its Applications
6	Mr.M.Kannan	AP.Maths	Jul - Oct 2024	Mathematical Methods and its Applications
7	Mrs.T.Jeeva	AP.Maths	Jul - Oct 2024	Mathematical Methods and its Applications
8	Mr.M.Champol	AP.Maths	Jul - Oct 2024	Mathematical Methods and its Applications
9	Mrs.T.Latha	AP.Maths	Jul - Oct 2024	Advanced Calculus for Engineers
10	Dr.D.Balraj	AP.Maths	Jul - Oct 2024	Advanced Calculus for Engineers
11	Dr.A.Viji	ASP.Physics	Jul - Oct 2024	Nanobiophysics: Touching Our Daily Life
12	Mr.D.Karunanidhi	AP.Physics	Jul - Oct 2024	Nanobiophysics: Touching Our Daily Life
13	Mrs.M.Janaki	AP.Physics	Jul - Oct 2024	Nanobiophysics: Touching Our Daily Life
14	Mr.A.Antony Prbhu	AP.Physics	Jul - Oct 2024	Nanobiophysics: Touching Our Daily Life
15	Mr.R.Sathish Kumar	AP.Physics	Jul - Oct 2024	Nanobiophysics: Touching Our Daily Life
16	Mrs.T.Kanagapriya	AP.Physics	Jul - Oct 2024	Nanobiophysics: Touching Our Daily Life
17	Mr.R.Govindhan	AP.English	Jul - Oct 2024	HR Analysis
18	Mr.S.Sathish Kumar	AP.English	Jul - Oct 2024	Soft Skills
19	Mr.G.Arunkumar	AP.English	Jul - Oct 2024	Soft Skills
20	Mr.D.Ragunathan	AP.English	Jul - Oct 2024	Soft Skills
21	Dr.N.Sudha	ASP.Chemistry	Jul - Oct 2024	Environmental Studies
22	Dr.S.Kathiresan	ASP.Chemistry	Jul - Oct 2024	Environmental Studies
23	Dr.S.Suresh	ASP.Chemistry	Jul - Oct 2024	Environmental Studies
24	Mrs.A.Mageswari	AP.Chemistry	Jul - Oct 2024	Environmental Studies
25	Mr.P.Neelakandan	AP.Chemistry	Jul - Oct 2024	Environmental Studies
26	Mrs.G.Kalaimagal	AP.Chemistry	Jul - Oct 2024	Environmental Studies
27	Mrs.B.Subashini	AP.Chemistry	Jul - Oct 2024	Environmental Studies

- Participated in Workshop and paper presented by the Students (Conference / Seminar/Symposium) and won in any competitions, (Curricular/Extra Curricular Activities)

Paper Presentation :

P.Sushmini of I year EEE department has participated the paper presentation on 'A National Level Technical Symposium' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

M.Mahaashree of I year EEE department has participated the paper presentation on 'A National Level Technical Symposium' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

S.Devadharshini of I year EEE department has participated the paper presentation on 'A National Level Technical Symposium' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

B.Rubashree of I year EEE department has participated the paper presentation on 'A National Level Technical Symposium' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

Technical Quiz :

M.Mahaashree of I year EEE department has attended a 'Technical Quiz' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

B.Rubashree of I year EEE department has attended a 'Technical Quiz' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

P.Sushmini of I year EEE department has attended a 'Technical Quiz' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

S.Devadharshini of I year EEE department has attended a 'Technical Quiz' held at JJ College of Engineering and Technology, Trichy on 13th Nov 2024.

Technical Symposium :

HACKATHON

M.Akkshetha of I year IT department has participated in National Level Technical Hackathon 'THINKATHAN 2k24' at K.S.R College of Engineering Namakkal on 8th Nov 2024.

S.Swetha of I year IT department has participated in National Level Technical Hackathon 'THINKATHAN 2k24' at K.S.R College of Engineering Namakkal on 8th Nov 2024.

A.Rayeesa Iffath of I year IT department has participated in National Level Technical Hackathon 'THINKATHAN 2k24' at K.S.R College of Engineering Namakkal on 8th Nov 2024.

S.Swetha of I year IT department has participated in National Level Technical Hackathon 'THINKATHAN 2k24' at K.S.R College of Engineering Namakkal on 8th Nov 2024.

B.Rithiga of I year AI&DS department has participated in National Level Technical Hackathon 'THINKATHAN 2k24' at K.S.R College of Engineering Namakkal on 8th Nov 2024.

K.S.Arun, B.Rubashree, R.Nawin Rathlyn of I year EEE department has participated in the event IDAS FOR VIKSIT BHARAT S&T HACKATHON as part of India International Science Festival 2024. He has presented entitled DEEPSEA SAMPLE COLLECTION SYSTEM FOR MANNED SUBMERSIBLES, organized by IIT Guwahati from 30th Nov to 3rd Dec 2024.

M.Tamilarasan, G.Sivasundar, of I year AD department has participated in the event IDAS FOR VIKSIT BHARAT S&T HACKATHON as part of India International Science Festival 2024. He has presented entitled LOW COST UNDERWATER 3D SONAR / LASER TRACKING, organized by IIT Guwahati from 30th Nov to 3rd Dec 2024.

BEST TEAM AWARD

S.B.Suganthan, V.Siddarth, R.Sanjay of I year CSE department the team Tech Titans, has secured Theme wise best team award under category Undergraduate in the event Ideas for Viksit Bharat 'S&T Hackathon' conducted from 30th Nov 2024 to 2nd Dec 2024 as part of 10th India International Science Festival 2024 organized by the Government of India's Ministry of Science & Technology, Ministry of Earth Sciences, and Government of Assam in association with Vijnana Bharati (VIBHA). This award is in recognition of the work on "Thunderstorm detection and prediction using Radar, lightning & other data, and AI/ML Techniques" under the theme "Energy, Climate Change and Weather".

NSS / YRC Activities

Blood Donation Camp was organized in our college campus on 16th July 2024 together with GH Blood Bank, Trichy. Nearly 120 students donated the Blood voluntarily on the humanitarian basis.



Blood Donation Camp was organized in our college campus on 7th Nov 2024 together with GH Blood Bank, Namakkal. Nearly 60 students donated the Blood voluntarily on the humanitarian basis.



The Eye camp, jointly organized by the NSS in collaboration with Joseph Eye Hospital, Trichy, has successfully provided assistance to a total of 705 individuals among them 130 parents 575 students have received beneficial Eye care services.

COLLEGE VISION & MISSION

VISION

"To become an 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 Changes for Sustainable Development.

Editorial Board

Chief Editors

Dr. K.Balasubramanian, Professor & HoD/S&H
Dr. N.Karthikeyan, Professor & Coordinator/S&H
Dr. T.Vembu, Associate Professor & Coordinator/S&H

Executive Editor

Mr. G.Arunkumar, Assistant Professor/English

Editors

B.Rithiga, I Year AI&DS **B.Rubasree**, I Year EEE
R.Sanjay, I Year CSE **S.Sumaiya Parvin**, I Year Civil
J.Caleb Thomas, I Year Mech



Kongunadu

College of Engineering & Technology
[Autonomous]

Namakkal - Trichy Main Road, Thottiam, Trichy (Dt) 621 215, Tamilnadu
Mob : 8012 505000, 8012 505011, 8012 505085 email : principalkncet@gmail.com

www.kongunadu.ac.in