



ANNAPOORANA ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE - New Delhi, Affiliated to Anna University, Chennai)

Accredited by NAAC with 'A' Grade & Accredited by NBA (Automobile, Civil, CSE, ECE, EEE & Mechanical)

2(f) & 12(B) Status as per UGC Act 1956 & ISO 9001:2015 Certified Institution

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AEC Chronicle News Letter

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Annapoorana Engineering College

(An Autonomous Institution)



FOUNDER CHAIRMAN & MADAM FOUNDER CHAIRMAN

Annapoorana Engineering College (AEC), An Autonomous Institution was promoted by the famous ThirumurugaKirupananda Variyar Thavathiru Sundara Swamigal Medical Educational and Charitable Trust (TKVTSSMEC Trust) in the year 2010. The trust is a pioneer in offering higher education for over 3 decades in the fields of Medicine, Engineering, Dental, Pharmacy, Nursing, etc. It is always striving to impart quality education to all the students by providing state of art facilities, good academic ambience and opportunities to interact with Top Academicians / Professionals and right motivation to take part in co-curricular and extracurricular activities, thereby enabling them to develop deeply into the aspects of modern technology.

No account of the history can be complete without remembering the pioneering work of our **FOUNDER CHAIRMAN Dr.A.SHANMUGASUNDARAM**. It is the philanthropy of our Founder Chairman that has made this College - a seat of Social Reform movements, Cultural Renaissance and Intellectual Awakening for the young men and women in this part of the country.

AEC is becoming a shining example of 'inclusive' culture providing quality education to students belonging to socially deprived groups. In this sense, this college proves to be a forerunner to the principle of social justice that was powerfully enunciated and enshrined in the constitution of Indian Republic. It aims at producing "Industry Ready World Class Engineers".

MOTTO

Achieve, Excel, Compete.

VISION

Excel as one of the renowned engineering and achieve greater recognition.

MISSION

- Recognition through quality Education, Research, Consultancy and innovation in education.
- Provide students with the basic and advanced engineering knowledge, interdisciplinary problem solving skills, societal and business issues and self -confidence to excel in their professions and be the in the Global environment.
- Maintain a collegial, supportive and diverse environment that encourages our students, faculty and staff to achieve and compete to the best of their abilities.

QUALITY POLICY

We at Annapoorana Engineering College is committed:

- ❖ To create an environment conducive to academic excellence and overall development of the students.
- ❖ To achieve excellence in technical education and commitment to continual improvement in producing Industry ready technocrats.
- ❖ To provide value - based quality education by maintaining pace with changing technology to produce competent and skilled professionals ready to accept upcoming industrial challenges.
- ❖ To maintain state-of-the art infrastructure and congenial learning environment.
- ❖ To achieve stake holders satisfaction by offering Quality Education and Training in the field of engineering in a disciplined environment.
- ❖ To collaborate with industries and organizations for students training and placements.
- ❖ To focus on the overall development of the students and thereby creating socially responsible professionals.
- ❖ To inculcate moral and ethical values among the students and staff
- ❖ To offer student centric activities
- ❖ To demonstrate excellent and effective teaching

EVENTS (WORKSHOP / SEMINAR/WEBINAR)

Guest Lectures on “Programming in Java-OOP”

The Department of Artificial Intelligence and Data Science organized a one-day guest lecture on “*Programming in Java – OOP*” on 26.09.2024 at Computer Lab 3. Mr. M. Devaraj, Assistant Professor, VMKV Arts and Science College, Salem, served as the resource person.

Dr. T. Buvaneswari, Professor & Head, CSE, welcomed and felicitated the gathering. The session aimed to enhance participants' understanding of Java programming, covering object-oriented principles, clean coding practices, and platform-independent application development.

Mr. Devaraj focused on key topics such as file handling, serialization, and deserialization using Java classes like File, File Reader, Buffered Reader, and File Writer. Around 60 participants attended and benefited from the insightful session. The event concluded with a vote of thanks proposed by Mr. T. Pooranachandar, AP/AI&DS.



Guest Lecture on “Limitations of Algorithm Power”

The Department of Artificial Intelligence and Data Science conducted a one-day guest lecture on “*Limitations of Algorithm Power*” on 01.10.2024 at the II Year AI&DS Classroom. Mr. T. Viswanath Kani, Assistant Professor, Department of Computer Science Engineering, Vivekananda College of Engineering for Women, Tiruchengode, was the resource person.

Dr. T. Buvaneswari, Professor & Head, CSE, welcomed and felicitated the gathering. The session provided participants with valuable insights into the design and analysis of algorithms and the real-world limitations they present in various industries.

Key topics covered included:

- Lower-Bound Arguments
- P, NP, NP-Complete, and NP-Hard Problems
- Backtracking (N-Queen, Hamiltonian Circuit, Subset Sum)
- Branch and Bound (LIFO & FIFO Search, Assignment Problem)

A total of 64 participants actively took part and benefited from the session. The event concluded with a vote of thanks by Mr. C. Sukumar, AP/AI&DS.



Workshop on “Electrical Vehicle Component”

The Department of Automobile Engineering organized a one-day workshop on “*Electrical Vehicle Components*” on 12.02.2024. The session was conducted by **Dr. R. Duraisamy, M.E., Ph.D.**, Junior Training Officer, Government ITI, Salem. The event was presided over by **Dr. A. Anbuchejian**, Principal.

Mr. N. Navaneetha Krishnan, AP/Automobile, welcomed the guest and introduced him to the participants. Dr. Duraisamy delivered an informative session covering key topics such as:

- Vehicle Control Unit (VCU)
- Electric Power Steering (EPS)
- Battery Management System (BMS)

Around 40 students attended and actively participated. The workshop concluded with a Q&A session, followed by certificate distribution. **Mr. B. Prabhu** delivered the vote of thanks.



Guest Lecture on “Recent Trends in Air Conditioning”

A Guest lecture was conducted by the Department of Automobile Engineering on 10/01/2024 for Students the topic Workshop on “Recent Trends in Air Conditioning”. Presented by Dr.R.Vasudevan.,ME.,Ph.D, ASP/Mechanical Engineering K.S.R College of Technology Tiruchengode. Dr. A. Anbuhezian, the principal, presided over the program.

He emphasized the importance of integrating renewable energy sources and the role of IoT in optimizing air conditioning performance. The lecture was well-received, providing students and faculty with valuable insights into the future of air conditioning technology. The event concluded with a Q&A session, fostering an engaging discussion on emerging industry trends.



Guest Lecture on “Biomedical Engineering View of Human Central Nervous System”

The Department of Biomedical Engineering organized a guest lecture on “*Biomedical Engineering View of Human Central Nervous System*” on 09.10.2025 from 11:30 a.m. to 1:00 p.m. via Google Meet. The session was delivered by **Mr. M. Sudherson**, Head of Operations at Fovea-z Biomedical, Atheenapandian Pvt. Ltd., Coimbatore.

The lecture focused on the central nervous system (CNS) as a vital communication network, emphasizing its role in movement, cognition, and sensation. Mr. Sudherson highlighted biomedical engineering applications in CNS research, including brain-computer interfaces, neural prosthetics, EEG, MRI, and fMRI technologies. He also discussed therapies for neurological conditions like Parkinson’s and epilepsy, along with innovations such as deep brain stimulators and computational brain models. The session provided valuable insights into the intersection of engineering and neuroscience, showcasing the potential of technology in treating neurological disorders.

Seminar on “Anatomy and Human Physiology”

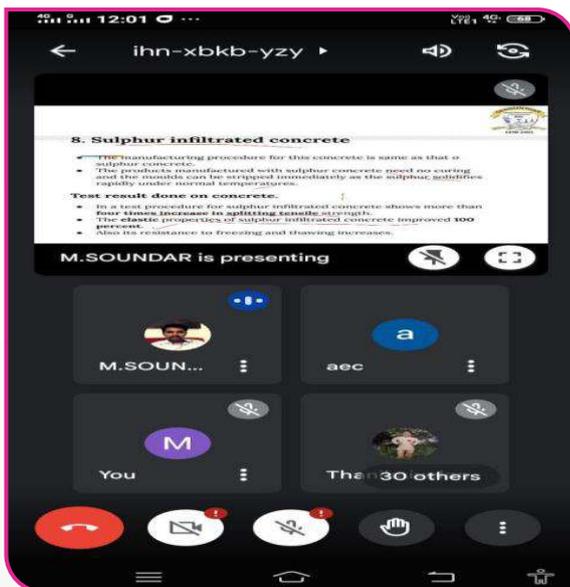
The Department of Biomedical Engineering organized a seminar on “*Anatomy and Human Physiology*” on 09.10.2025 from 11:30 a.m. to 1:00 p.m. at Dr. A. Shanmugasundaram Seminar Hall. The session was delivered by Mr. R. Gogul Prasath, B.E (MDE), Associate System Engineer at TCS, Chennai, and Founder of G.D Medtech Care.



The seminar provided an insightful overview of the structure and function of the human body, covering key systems such as circulatory, respiratory, muscular, and nervous. Mr. Gogul Prasath emphasized the importance of understanding anatomy and physiology for healthcare and biomedical innovations, highlighting the role of advanced tools like imaging and diagnostics in medical applications. The session enhanced participants' foundational knowledge, essential for careers in medicine, healthcare, and biomedical engineering.

DEPARTMENT OF CIVIL ENGINEERING

Online seminar on “High Strength Concrete and its Performance”



The Department of Civil Engineering, in association with the Indian Concrete Institute (ICI), organized an online seminar on “*High Strength Concrete and Its Performance*” on 13.08.2024 (Saturday) from 10:30 AM to 11:30 AM. **Dr. M. Soundarajan**, an expert in sustainable construction and materials engineering, served as the resource person.

The session began with a welcome note by **Ms. Mounika Jayalakshmi**, a third-year Civil Engineering student. Dr. Soundarajan delivered an insightful presentation on the use of recycled concrete aggregates, challenges in recycling, quality enhancement techniques, and their environmental impact.

A total of 70 participants attended via Google Meet. The seminar was well-coordinated by **Dr. S. Dhipan Aravind**, Assistant Professor/Civil, and concluded with a vote of thanks by **Mr. B. Nandhagopal**, Assistant Professor/Civil. The session enriched participants' knowledge of sustainable construction and the vital role of civil engineers in eco-friendly practices.

Seminar on "Career Opportunities for Civil Engineers in Government Sectors"

The Department of Civil Engineering, in collaboration with the Training and Placement Cell, organized a seminar on "*Career Opportunities for Civil Engineers in Government Sectors*" on 16th August 2024. **Dr. A. Murugesan, M.E., Ph.D.**, Founder and Director of Shree Varahi Engineering Academy, served as the chief guest and delivered an inspiring session. He highlighted key government sectors where civil engineers play a crucial role, including infrastructure, urban planning, transportation, and water resources.

The session concluded with an engaging interaction, where students received valuable guidance and motivation. The seminar proved to be highly informative, offering a clear roadmap for aspiring civil engineers interested in government careers.



Guest Lecture on "Vastu Planning"

The Department of Civil Engineering organized a guest lecture on "*Vastu Planning*" on August 23, 2024, in Lecture Hall 123. **Mr. P. Selvakumar**, Assistant Professor, Knowledge Institute of Technology, Salem, served as the chief guest and resource person.

The session began with a welcome address by **Mr. M. Siva**, AP/Civil. **Dr. R.S. Gandhimathi** highlighted the importance of Vastu in modern building design. Mr. Selvakumar's presentation focused on balancing the five natural elements earth, water, fire, air, and space for creating harmonious living environments. The lecture concluded with an interactive Q&A session, followed by a vote of thanks by Mr. M. Siva. The event provided students with practical insights into Vastu principles and their application in civil engineering.



International webinar on "Beam Design and Load Transfer: Best Practices and Case Studies"

The Department of Civil Engineering organized an international webinar titled "*Beam Design and Load Transfer: Best Practices and Case Studies*" on August 24, 2024, via Google Meet. **Dr. Pradeep T**, Post-Doctoral Researcher at Thammasat University, Thailand, served as the chief guest and speaker.

The event began with a welcome address by **Dr. R.S. Gandhimathi**, HoD/Civil, who emphasized the importance of beam design in structural engineering. **Mrs. Divya T** introduced Dr. Pradeep, highlighting his expertise and international experience in structural design. Dr. Pradeep shared key principles, best practices, and case studies related to beam design, greatly enriching students' understanding. The session concluded with an engaging Q&A segment, followed by a vote of thanks by **Dr. R.A. Shivasakthivadivelan**. The webinar offered valuable technical insights and was well-received by participants from various colleges.

Guest lecture on "Pile Installation Techniques: Driving, Drilling, and Boring"

The Department of Civil Engineering organized a guest lecture on "*Pile Installation Techniques: Driving, Drilling, and Boring*" on October 3, 2024. **Dr. Divish Ranjan Kumar**, Post-Doctoral Researcher at Thammasat University, Thailand, served as the chief guest and resource person. **Dr. R.S. Gandhimathi**, HoD/Civil, welcomed the gathering and emphasized the importance of practical knowledge in foundation engineering. **K. Gayathri**, a third-year student, introduced Dr. Kumar, highlighting his expertise in geotechnical engineering.



He delivered an engaging session on the principles and applications of pile foundations, detailing techniques such as driving, drilling, and boring with real-world examples.

The session concluded with a vote of thanks by **Mr. B. Nandhagopal**, appreciating the speaker and coordinators **Mrs. T. Divya**, **Mrs. Silpa N.**, and **Mrs. S. Shanmugapriya**. The lecture enriched students' understanding of pile installation and its significance in structural stability.

Training Program on "STADD PRO BOOT CAMP"

The Department of Civil Engineering organized a 7-day training program titled "*STADD Pro Boot Camp*" starting on November 18, 2024, at the CADD Laboratory. **Mr. Udhayasankar Ramasamy**, Managing Director of B.T.R Construction, served as the chief guest and resource person.

Dr. R.S. Gandhimathi, HoD/Civil, inaugurated the event, highlighting the importance of skill development in advanced structural engineering software. **Mrs. Silpa N.**, Assistant Professor, delivered the guest address, emphasizing the relevance of practical training for aspiring engineers.

Mr. Ramasamy, with his extensive industry experience, provided hands-on training in STADD Pro, covering real-time applications in structural analysis and design. **Mr. M. Siva**, Assistant Professor, delivered the vote of thanks. The boot camp successfully enhanced participants' technical skills and provided in-depth exposure to industry-relevant tools.



Department of Computer Science and Engineering - Department Association Inauguration

The Department of Computer Science and Engineering organized a one-day CSE Department Association Inaugural function on 04.09.2024 at Dr.A. Shanmugasundaram Seminar hall. Mrs Balamani Ramachandran-Team lead and Full stack developer at HPE was the Chief Guest for the event Dr.T. Buvaneswari-HOD/CSE welcomed and Dr.A. Anbuhezian-Principal/AEC felicitated the gathering.

The main aim of the Inaugural function is to know about the Department Association formation and int needs for entire year. Mrs Balamani Ramachandran-during his speech gave insights about IT field and various new Technologies developed in CS today and some job opportunities existing for students .250 number of students and faculty members participated in the event and got benefitted out of it. Mrs.R.Uma Mageswari-AP/CSE proposed the Vote of Thanks for the event.



One Day Training Program on “Data Analytics”

The Department of Computer Science and Engineering organized a one-day Training Program on “DataAnalytics18.09.2024” at CSE Lab. Mr. Rajat Somani-Chief Product officer /Jozuna-a Leading DataAI/Service Company and Mrs. Rosaline Nirmala J-Program Manager was the Chief Guest for the event. Dr.T. Buvanewari-Professor/HOD-CSE welcomed and Dr. A. Anbuchejian-Principal/Annapoorana Engineering College (Autonomous) felicitated the gathering.

The main aim of the Program is to enhance the Students to gain Knowledge about Data Analytics and glow in that platform. Mrs. Rosaline Nirmala J during his speech gave insights about the Principles and job opportunities that are upgraded in todays organization. 40 of participant participated in the event and got benefitted out of it. Mr.M. Mailsamy-ASP/CSE proposed the Vote of Thanks for the event.



Guest Lecture on “Transaction Management”

The Department of Computer Science Engineering organized a one-day guest lecture on “*Transaction Management*” on 19.09.2024 at Hall No: 108. **Ms. R.V. Sudha**, Assistant Professor, Computer Science and Business Science, served as the chief guest and resource person.

The session aimed to introduce students to real-world applications of transaction management in databases and business environments. Ms. Sudha provided insights into managing transactions while maintaining ACID properties—Atomicity, Consistency, Isolation, and Durability—and highlighted challenges in handling multiple transactions across systems. A total of 63 second-year AI&DS students participated and benefited from the informative session, gaining a deeper understanding of this vital computing concept.



Guest Lecture on “Data Exploration and Visualization”

The Department of Computer Science Engineering organized a one-day guest lecture on “*Data Exploration and Visualization*” on 25.09.2024. **Dr. D. Satheesh Kumar**, Associate Professor, Artificial Intelligence and Data Science, served as the chief guest and resource person.

The session aimed to introduce students to key techniques in data exploration and the importance of visualization in interpreting complex data. Dr. Satheesh Kumar shared insights on statistical methods, data management principles, and the role of ACID properties in data handling. He also discussed practical applications in science and business, emphasizing the importance of auditing and visual tools in modern data systems. A total of 60 third-year CSE students participated and gained valuable knowledge from the session.



Guest Lecture on “Programming in Java”

The Department of Computer Science and Engineering organizing a Guest Lecture on “Programming in Java” on the date 26.09.2024 at CSE Lab. Mrs.V.Saranya Assistant Professor / Adhiyaman College of Engineering was the Chief Guest for the event. Dr.T. Buvaneswari-Professor/HOD-CSE welcomed and Dr. A. Anbuhezian- Principal/Annapoorana Engineering College (Autonomous) felicitated the gathering.

The main aim of the Program is to enhance the Students to gain Knowledge about the Programming Concepts in Java and glow in that platform. Mrs.V.Saranya during her speech gave insights about various domain and platform of Java usage in present industry opportunities that are upgraded in todays organization. 60 of participant participated in the event and got benefitted out of it. Mrs.M.Saranya -AP/CSE proposed the Vote of Thanks for the event.



Guest Lecture on “Spring Boot in java and python”

The Department of Computer Science Engineering and Information Technology organized a one-day guest lecture on “*Spring Boot in Java and Python*” on 27.09.2024 at Dr. A. Shanmugasundaram Seminar Hall. Mr. S. Sathishkumar, Backend Developer at ISYS Technology, Chennai, served as the chief guest and resource person.

The session aimed to provide students with practical insights into backend development using Spring Boot and Python. Mr. Sathishkumar highlighted the strengths of Spring Boot for building robust and scalable Java applications and discussed Python's flexibility in backend services. The lecture offered real-world perspectives on application development in industry settings. The event sparked interest among students and enhanced their understanding of modern backend technologies.



One Day Guest Lecture on “Innovative Thinking on Artificial Intelligence”

The Department of Computer Science and Engineering organized a one-day guest lecture on “*Innovative Thinking on Artificial Intelligence*” on 30.09.2024 at the CSE Lab. Mr. Sasikumar, Project Manager at Dev Technology Solutions, Meyyanur, Salem, was the chief guest.

Dr. A. Anbuchejian, Principal of Annapoorana Engineering College (Autonomous), delivered the welcome address, and Dr. T. Buvaneswari, HoD/CSE, felicitated the gathering. Mr. Sasikumar discussed the emerging technologies in AI, highlighting its applications in data analysis, language processing, and intelligent decision-making. A total of 60 participants attended the session and benefited from the insights shared. Abinaya, a second-year AI&DS student, proposed the vote of thanks.



One Day Guest Lecture on “Innovations on Web Technology”

The Department of Computer Science and Engineering organized a one-day guest lecture on “*Design Thinking on Web Technology*” on 30.09.2024 at the CSE Lab. Mr. Sasikumar, Project Manager at Dev Technology Solutions, Meyyanur, Salem, served as the chief guest.

Dr. A. Anbuchejian, Principal, welcomed the gathering, and Dr. T. Buvaneswari, HoD/CSE, felicitated the guest. Mr. Sasikumar shared insights on the significance of modern web technologies, emphasizing design thinking approaches and how web technologies enable intelligent functions like data analysis and language processing. A total of 60 participants attended the session and gained valuable knowledge. The event concluded with a vote of thanks by Ms. G. Kaviya, III Year CSE.



Guest Lecture on “Innovative Thinking in Software Engineering Testing”

The Department of Computer Science and Engineering organized a guest lecture on “*Innovative Thinking in Software Engineering Testing*” on 30.09.2024 at the CSE Lab. Mrs. R. Bhuvaneshwari, Assistant Professor, Selvam College of Engineering, Namakkal, was the chief guest.

Dr. T. Buvaneswari, HoD/CSE, welcomed the gathering, and Dr. A. Anbuchejian, Principal, felicitated the event. Mrs. Bhuvaneshwari provided valuable insights into the various phases of software development and testing, discussing real-world testing scenarios and current industry practices. A total of 60 participants attended and benefited from the session. The event concluded with a vote of thanks by Mr. T.P. Udhayasankar, ASP/CSE.



Guest Lecture on “Scientific Values”

The Department of Computer Science and Engineering organizing a Guest Lecture on “Scientific Values” on the date 30.09.2024” at CSE Final Year Class Room. Mr R.T.Dinesh Kumar Hear-Assistant Professor of KSR College of Technology,Tiruchengode was the Chief Guest for the event. Dr.T.Buvaneswari-Professor/HOD-CSE welcomed and Dr.A.Anbuchejian-Principal/Annapoorana Engineering College (Autonomous) felicitated the gathering.

The main aim of the Program is to teach the Students Ethics and Values in Engineering. MrR.T.Dinesh Kumar also taught about various impacts of ethical reflections, awareness, Autonomy, responsibility and compassion in it.. 60 of participant participated in the event and got benefitted out of it. MrM.Mailsamy -ASP/CSE proposed the Vote of Thanks for the event.



Guest Lecture on “Object oriented Programming with C++”

The Department of Computer Science and Engineering organizing a Guest Lecture on “Programming in Java on the date 03.10.2024” at CSE Lab. Mrs.C.Gayathri Assistant Professor/ Mahendra Institute of Technology was the Chief Guest for the event. Dr.T. Buvaneswari-Professor/HOD-CSE welcomed and Dr. A. Anbuchejian- Principal/Annapoorana Engineering College (Autonomous) felicitated the gathering.

The main aim of the Program is to enhance the Students to gain Knowledge about the Programming Concepts in C and C++and glow in that platform . Mrs.C.Gayathri during her speech gave insights about various domain and platform of C++ usage in present industry opportunities that are upgraded in todays organization. 60 of participant participated in the event and got benefitted out of it. MrV.SaravanaKumar -AP/CSE proposed the Vote of Thanks for the event.



One Day National Level “Technical Symposium”

A one day National level technical symposium ‘TECHXPLORE’24 hosted by the Department of CSE on 04.10.2024. Every aspect of the event, from its inception to the execution had been the outcome of the culminated efforts of the faculty and students of the department. The website for the symposium was opened on 01.09.2024., in the duration of which an overwhelming response had been observed from participants belonging to over 40 colleges from all over the state.

The Principal, Dr.A.Anbuchejian and other honorable dignitaries of the institution presided the event. This symposium witnessed the enthusiastic participation of over 140 students in over 7 events that tested their wits and abilities. During the valedictory function the Head of the Department Dr.T.Buveneswari distributed the cash prizes and certificates to winners. Mr.T.P.Udhayasankar, coordinator presented a report on the entire happenings of the day and Mr.K.Thangadurai, Faculty Advisor, gave the vote of thanks.



Guest Lecture on “Data visualization using python”

The Department of Computer Science Engineering and Information Technology organized a one-day guest lecture on “Data Visualization Using Python” on 09.10.2024 at Dr. A. Shanmugasundaram Seminar Hall. Mr. M. Ramkumar, Associate Professor & HoD, Knowledge Institute of Technology, served as the chief guest.

The session focused on the importance of data visualization in data analysis and its practical applications in industry projects. Mr. Ramkumar highlighted the use of Python libraries for creating effective visualizations that help in transforming raw data into meaningful insights for better decision-making. The lecture offered students real-world perspectives and enhanced their understanding of data visualization techniques.



18 Days “CSR Training Program”

Annapoorana Engineering College, in association with ICT Academy and CSR Mphasis Foundation, organized the “*Employability Advanced IT Skill Training in Technology & Soft Skills*” from 17.10.2024 to 14.11.2024. The 100-hour training aimed to enhance students’ employability through structured modules in both technical and soft skills.

The program included 20 hours of soft skills training covering communication, grammar, and vocabulary, and 80 hours of technical training in hardware & networking, Python web development, and Machine Learning. Mr. Loganathan Rangasamy and Ms. Kasthuri Balakrishnan from ICT Academy served as the resource persons.

An online assessment, including an aptitude test, technical test, and face-to-face interview, was conducted at the end of the training. All 64 participating students successfully cleared the assessment and received joint certification from ICT Academy and Annapoorana Engineering College. Dr. T. Buvanewari, Professor/HOD and ICT Academy Coordinator, efficiently led and coordinated the program, contributing to its grand success.



One Day Hands–On Training “Intellectual Property Implemented with RTL-GDSII Flow Modules”

The Department of Electronics and Communication Engineering organized a one-day *Hands-On Training* on “*Intellectual Property Implemented with RTL-GDSII Flow Modules*” on 09.08.2024 at the Circuits and Simulation Lab.

Dr. B. Ramesh, HoD/ECE, delivered the welcome address, highlighting the importance of RTL-GDSII flow in VLSI design. The training was conducted by Mr. Vijayan Krishnan, FAE Manager, along with Mr. Akshey Nama and Mr. Ajay Kumar, VLSI Engineers from Chipware Technologies, Bangalore.

The session combined lectures, demonstrations, and practical exercises, covering topics such as RTL coding, simulation using Xcelium, synthesis, testing, equivalency checking, gate-level simulation, and timing analysis. The program provided students with valuable industry-relevant skills in digital design and VLSI implementation.



Webinar on “Innovation in 6G”



The Department of Electronics and Communication Engineering organized a webinar on “*Innovation and 6G*” on 14.08.2024 through Google Meet. Dr. B. Ramesh, HoD/ECE, presided over the session and welcomed the participants and resource person.

Mr. M. Jestin Joseph, AP/ECE, opened the session, followed by Usha B., IV Year ECE, who introduced the chief guest. The resource person, Mr. P. Navaraja, delivered an insightful talk on 6G communication and its role in shaping future connectivity. He also introduced the concept of business models and their applications in emerging technologies. The session offered participants a clear understanding of 6G’s potential to integrate the physical, digital, and biological worlds, marking a step toward a fully connected future.

Webinar on “Business model canvas”

The Department of Electronics and Communication Engineering organized a webinar on “*Business Model Canvas*” on 19.08.2024 through Google Meet. Dr. B. Ramesh, HOD/ECE, Annapoorana Engineering College, presided over the session and welcomed the participants and the guest speaker.

Mr. M. Jestin Joseph, Assistant Professor/ECE, welcomed the gathering, and Vijay V, IV Year ECE, introduced the resource person, Dr. M. Anbuselvi, Head & Assistant Professor of Commerce, Adhiyaman Arts and Science College for Women, Uthangarai.

Dr. Anbuselvi delivered an insightful session on the structure and benefits of the Business Model Canvas (BMC), a strategic tool widely used to develop and assess business models. She emphasized its role in helping businesses clarify objectives and pivot strategies effectively.

The session was informative and encouraged participants to explore entrepreneurial approaches in a structured way.



Webinar on “Communication for Entrepreneurship”

A webinar on “Communication for Entrepreneurship” was organized by the Department of Electronics and Communication Engineering, Annapoorana Engineering College on 23.08.2024 from 2.00 p.m. to 3.30 p.m. through virtual mode (Google Meet: <https://meet.google.com/ttg-jtdd-rgc>). The session was presided over by Dr. B. Ramesh, Head of the Department of ECE, who warmly welcomed the resource person and participants.

Mr. M. Jestin Joseph welcomed the gathering and introduced the chief guest, Ms. T. Anbu, Assistant Professor of English, Adhiyaman Arts and Science College for Women, Uthangarai. She delivered an insightful session on the fundamentals of communication and its relevance to



entrepreneurship. She highlighted how effective communication plays a vital role in building relationships with customers, partners, and teams, thereby contributing to business success.

The session was highly interactive, and the resource person addressed various queries from the participants. Over 150 students from the 2nd, 3rd, and 4th year ECE actively took part in the session, gaining valuable knowledge on communication

strategies for entrepreneurship.

Guest Lecture on “Recent Advances and Innovations in Spatial Filtering Techniques for Enhancing the Images”

The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a guest lecture on “Systematic Recent Advances and Innovations in Spatial Filtering Techniques for Enhancing the Images” on 29.08.2024 from 2.00 p.m. to 4.00 p.m. through virtual mode (Google Meet: <https://meet.google.com/ttg-jtdd-rgc>). The session was presided over by Dr. B. Ramesh, HOD/ECE, who extended a warm welcome to the resource person and participants.



Mrs. Suganya, Assistant Professor/ECE, welcomed the gathering, and S. Srividhya V, III year ECE, introduced the chief guest Ms. B. Latha, Associate Professor, KSR Institute of Engineering and Technology. The resource person delivered an insightful talk on spatial filtering techniques, covering their types and applications in image enhancement.

The session was interactive, and the resource person addressed various queries from the students. Third and fourth-year ECE students actively participated and gained valuable knowledge in advanced spatial filtering methods.

Webinar on “Systematic Approach to Signal Analysis and Design”

The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a webinar on “Systematic Approach to Signal Analysis and Design” on 06.09.2024 from 10.30 a.m. to 3.30 p.m. via Google Meet (<https://meet.google.com/ptk-tgcd-xtd>). The session was presided over by Dr. B. Ramesh, HOD/ECE, who warmly welcomed the resource person and participants.

Mrs. Suganya, Assistant Professor/ECE, introduced the guest speaker Mr. T. Thirunavukkarasu, Assistant Professor, R P Sarathy Institute of Technology, Salem. The resource person delivered a comprehensive session on system design, its applications, and the fundamentals of signal processing. Key topics included multimedia signal processing techniques and real-time processing frameworks used in fields like automotive systems and robotics. The session was highly interactive, with the speaker addressing various student queries. Over 95 students from 2nd year ECE and 4th year EEE actively participated and gained valuable insights into signal analysis and system design.



Webinar on “Perspectives in the Emerging law of Communication System”



The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a webinar on “Perspectives in the Emerging Law of Communication System” on 20.09.2024 at 2.00 p.m. through virtual mode (Google Meet: <https://meet.google.com/xkn-cyvo-aha>). The session was presided over by Dr. B. Ramesh, HOD/ECE, who warmly welcomed the resource person and participants.

Mrs. S. Devipriya, Assistant Professor/ECE, introduced the guest speaker Ms. D. Viji, Assistant Professor, Department of AI & DS, Erode Sengunthar Engineering College. The resource person delivered an insightful session on business models and their relevance to modern communication systems. She also discussed the concept of perspectives in communication, highlighting how personal viewpoints influence interpretation and understanding. The session provided valuable insights and was well-received by the participants.

One Day Training program “Data Analytics”

The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a training program on “Data Analytics” on 03.10.2024 from 10.00 a.m. to 4.00 p.m. The session was conducted by experts Mr. Rajat Somani and Mrs. J. Melrosalin Nirmala from JOZUNA, a leading AI/service company based in Coimbatore. Dr. B. Ramesh, HOD/ECE, presided over the event and welcomed the resource persons and participants.

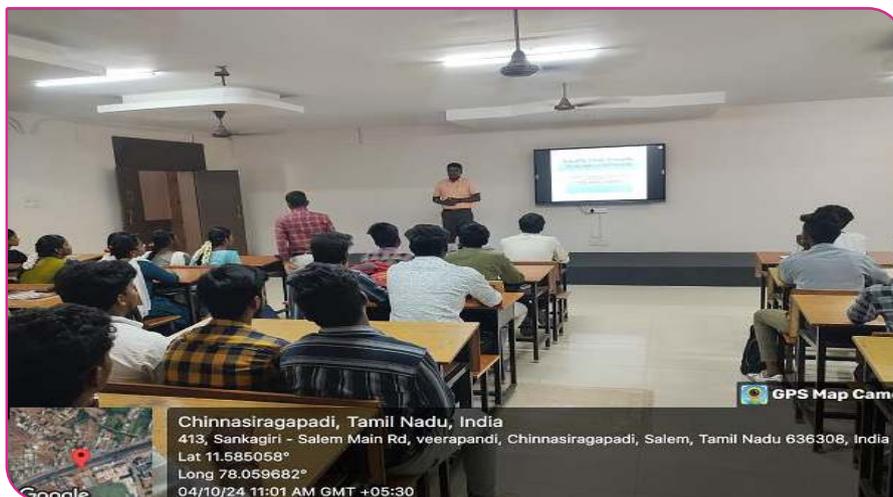
Mr. A. Jagadeeswaran welcomed the gathering, and Priyanka P S, II year ECE, introduced the guest speakers. Mr. Rajat Somani delivered an insightful session on the fundamentals and future scope of data analytics. Key topics included the role of data analytics in optimizing business performance and its application in business intelligence to track trends and predict outcomes. The session was interactive, with the speakers addressing participants' queries. More than 150 final-year students from ECE, EEE, and CSE actively participated and gained practical knowledge in data analytics.



Guest lecture on “Scientific Ethics”

The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a guest lecture on “Scientific Ethics” on 04.10.2024 from 10.00 a.m. to 12.00 p.m. at Dr. A. Shanmugasundaram Seminar Hall. The session was presided over by Dr. B. Ramesh, HOD/ECE, who extended a warm welcome to the resource person and participants.

Mr. M. Jestin Joseph, Assistant Professor/ECE, welcomed the gathering, and Kowsalya N, III year ECE, introduced the guest speaker Dr. S. Jambulingam, Head of the Department of ECE, Ganesh College of Engineering, Salem. The resource person delivered an engaging session on scientific ethics, emphasizing the importance of honesty, integrity, and ethical responsibility in scientific research and practice. Key topics included ethical principles such as respect for persons, beneficence, and justice, especially in research involving human subjects. The session was interactive, with students clarifying their doubts. Over 60 final-year ECE students actively participated and gained valuable insights into the ethical dimensions of scientific work.

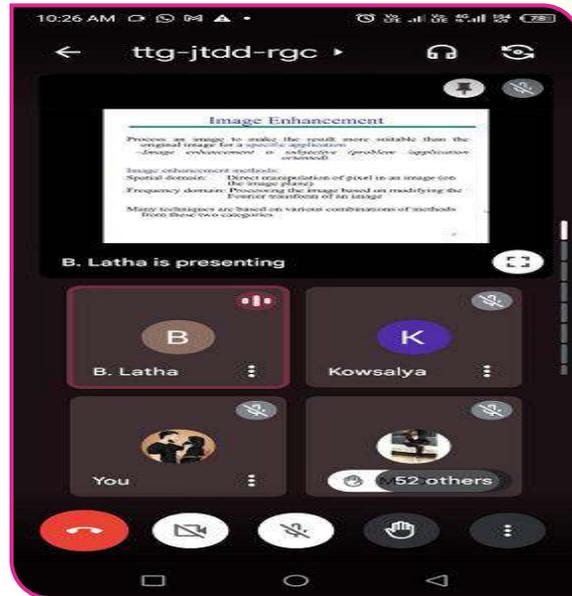


Webinar on “Image Processing”

The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a webinar on “Image Processing” on 07.10.2024 at 11.30 a.m. through virtual mode (Google Meet: <https://meet.google.com/ttg-jtdd-rgc>). The session was presided over by Dr. B. Ramesh, HOD/ECE, who warmly welcomed the resource person and participants.

Mrs. Suganya, Assistant Professor/ECE, welcomed the gathering, and Sri Vidhya V, III year ECE, introduced the guest speaker Mrs. B. Latha, Assistant Professor, KSR Institute for Engineering and Technology, Namakkal. The session covered the basics of image processing, its real-time applications, and future trends in the field.

The speaker highlighted the integration of AI and machine learning, advancements in VR/AR, and developments in medical imaging and remote sensing. The interactive session helped participants understand the evolving nature of digital image processing and its vast scope.



Guest lecture on “Smart Antennas and its Application”



The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a guest lecture on “Smart Antennas and Its Applications” on 10.10.2024 from 11.30 a.m. to 12.30 p.m. The session was presided over by Dr. A. Anbuhezian, Principal, who welcomed the resource person and participants.

Dr. B. Ramesh, HOD/ECE, introduced the guest speaker Dr. P. Padmaloshani, Associate Professor/ECE, Selvam College of Technology, Namakkal. The session began with an

introduction to antennas, followed by an in-depth explanation of the working principles and applications of smart antennas in modern communication systems. The session was interactive, and the speaker addressed various queries from the participants. Over 40 students attended and enhanced their understanding of smart antenna technology.

One Day Hands-On Training “Intellectual Property Implemented with RTL-GDSII Flow Modules”

The Department of Electronics and Communication Engineering, Annapoorana Engineering College, organized a one-day hands-on training on “Intellectual Property Implemented with RTL-GDSII Flow Modules” on 19.10.2024 at the Circuits and Simulation Lab. Dr. B. Ramesh, HOD/ECE, delivered the welcome address, highlighting the importance of RTL-GDSII flow for aspiring engineers.



The session was conducted by Mr. Vijayan Krishnan, FAE Manager, along with Mr. Akshey Nama and Mr. Ajay Kumar, VLSI Engineers from Chipware Technologies, Bangalore. The training included lectures, demonstrations, and practical sessions where students learned the complete design flow using Cadence tools—from VHDL/Verilog coding to simulation, synthesis, floorplanning, place-and-route, and finally generating a GDSII file. The program provided valuable industry-oriented exposure, and students actively participated, gaining hands-on experience in VLSI design and implementation.

Seminar on “Emerging Trends in Analog Integrated Circuit Design”

The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day seminar on “Emerging Trends in Analog Integrated Circuit Design” on 26th July 2024 from 10.00 a.m. to 12.00 p.m. The event was presided over by Dr. A. Anbuchejian, Principal, who extended a warm welcome to the resource person and participants.

Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Mr. J. Gabriel Rajan, Managing Director, JDG Power Solution, Salem. The seminar provided valuable insights into the current advancements and future directions in analog IC design. The session concluded with an interactive Q&A, during which students clarified their doubts and received guidance on career paths and research opportunities in analog and mixed-signal design. Dr. R. Venkatesh proposed the vote of thanks.



Guest Lecture on “Reactive Power Control and Compensation in Modern Power Systems”



The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day seminar on “Reactive Power Control and Compensation in Modern Power Systems” on 02nd August 2024 from 11.00 a.m. to 1.00 p.m. The session was presided over by Dr. A. Anbuchejian, Principal, who extended a warm welcome to the resource person and participants.

Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Dr. S. Sangeetha, Associate Professor/EEE, SREC, Coimbatore. The seminar focused on the significance of reactive power management for ensuring power system stability and efficiency. The session effectively connected theoretical concepts with practical applications. It concluded with an interactive Q&A, where students actively engaged with the speaker on topics related to careers and research in power systems. Dr. R. Venkatesh delivered the vote of thanks.

Guest Lecture on “The Future of Electrical Energy: Innovation and Sustainability”

The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day guest lecture on “The Future of Electrical Energy: Innovation and Sustainability” on 24th September 2024 from 10.00 a.m. to 1.00 p.m. The event was presided over by Dr. A. Anbuechian, Principal, who warmly welcomed the resource person and participants.

Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Mr. R. Sathishraj, CEO of E-Crusaders. The session highlighted the critical role of innovation and sustainability in shaping the future of energy systems. It provided valuable insights into emerging technologies and strategies to address global energy challenges. The event concluded with an interactive Q&A session, where students discussed career opportunities and project ideas. Dr. R. Venkatesh proposed the vote of thanks.



Seminar on “Human Values: Bridging the Gap between Individual and Collective Ethics”

The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day seminar on “Human Values: Bridging the Gap Between Individual and Collective Ethics” on 04th October 2024 from 11.00 a.m. to 1.00 p.m. The session was presided over by Dr. A. Anbuechian, Principal, who warmly welcomed the resource person and attendees.



Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Dr. R. Devarajan, Professor/EEE, Vinayaka Mission's Kirupananda Variyar Engineering College. The seminar offered insightful perspectives on the role of human values in fostering personal integrity and societal ethics. It encouraged students to uphold ethical standards in both personal and professional spheres. The session concluded with an engaging Q&A segment, followed by a vote of thanks proposed by Dr. R. Venkatesh.

Seminar on “Building A Culture of Continuous Improvement: The TQM Approach”



The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day seminar on “Building a Culture of Continuous Improvement: The TQM Approach” on 10th October 2024 from 10.00 a.m. to 12.30 p.m. The event was presided over by Dr. A. Anbuchejian, Principal, who warmly welcomed the resource person and participants.

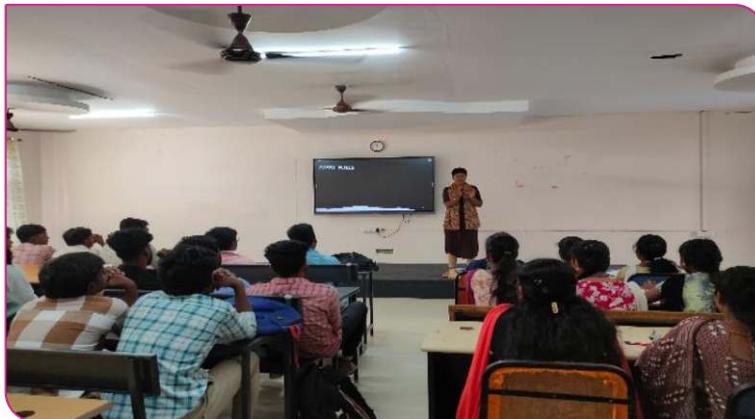
Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Mr. P. Manivanan, an alumnus of Annapoorana Engineering College and Electrical Engineer at Arthanari Clothing Pvt. Ltd. The session provided valuable insights into the principles of Total Quality Management and

highlighted the importance of fostering a culture of continuous improvement in both personal and organizational contexts. The seminar emphasized how TQM enhances innovation, efficiency, and customer satisfaction. Dr. R. Venkatesh concluded the event with a vote of thanks.

Seminar on “Optimizing Performance: Advanced Techniques in Electrical Machine Design”

The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day seminar on “Optimizing Performance: Advanced Techniques in Electrical Machine Design” on 16th October 2024 from 10.00 a.m. to 12.30 p.m. The event was presided over by Dr. A. Anbuechian, Principal, who extended a warm welcome to the resource person and participants.

Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Mrs. S. Suba, Assistant Professor/EEE, Mahendra Engineering College. The seminar provided insightful knowledge on advanced design techniques for enhancing the performance of electrical machines and emphasized the role of innovation in modern machine development. The session concluded with an interactive Q&A, and Dr. R. Venkatesh proposed the vote of thanks.



Guest Lecture on “Power Quality and System Analysis: Addressing Challenges in today's Grid”

The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day seminar on “Power Quality and System Analysis: Addressing Challenges in

Today's Grid" on 02nd August 2024 from 11.00 a.m. to 1.00 p.m. The event was presided over by Dr. A. Anbuchejian, Principal, who warmly welcomed the resource person and participants.

Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Mr. S. Aravinth, Senior Project Engineer, Ingenious Power and Control Systems Pvt. Ltd. (IPCS Automation). The seminar offered valuable insights into the theoretical and practical aspects of power quality and system analysis, highlighting current challenges and solutions in modern power grids. The session inspired students to explore innovations in smart and efficient power systems. Dr. R. Venkatesh concluded the event with a vote of thanks.



Seminar on "The Rise of Microcontroller: Applications in IoT and Beyond"

The Department of Electrical and Electronics Engineering, Annapoorana Engineering College, organized a one-day seminar on "The Rise of Microcontroller: Applications in IoT and Beyond" on 28th October 2024 from 10.30 a.m. to 12.30 p.m. The event was presided over by Dr. A. Anbuchejian, Principal, who warmly welcomed the resource person and participants.

Dr. R. Venkatesh, HOD/EEE, welcomed the guest speaker Dr. T. Kokilavani, Associate Professor/EEE, SKCET, Coimbatore. The seminar provided valuable insights into the evolving role of microcontrollers in embedded systems and IoT applications. It inspired students to delve deeper into innovative technologies shaping the future. The session concluded with a vote of thanks proposed by Dr. R. Venkatesh.



Guest lecture on “Graph Algorithm in Real Life”

The Department of Information Technology, Annapoorana Engineering College, organized a one-day guest lecture on “Graph Algorithms in Real Life” on 01.10.2024 at Hall No: 107. Mrs. M. Pushpalatha, Assistant Professor, Department of Information Technology, served as the chief guest for the session.

The lecture focused on the practical applications of graph algorithms in various domains such as transportation, social networks, and computer science. Mrs. Pushpalatha highlighted real-life case studies and current trends, emphasizing how graph theory enhances decision-making and problem-solving. The session offered valuable insights into the growing importance of graph algorithms in technology and industry.



Guest Lecture on “AI and Machine Learning: Transforming Human Work”

The Department of Information Technology, Annapoorana Engineering College, organized a one-day guest lecture on “AI and Machine Learning: Transforming Human Work” on 28.10.2024 at Dr. A. Shanmugasundaram Seminar Hall. The session was delivered by Mr. D. Jayaprakash, Assistant Professor, Information Technology, Sona College of Technology, Salem.

The lecture aimed to provide students with a clear understanding of supervised and unsupervised learning concepts in Artificial Intelligence and Machine Learning. Mr. Jayaprakash discussed various real-world applications of these techniques, including their role in bioinformatics, speech recognition, digital assistants, data clustering, visualization, and anomaly detection. The session offered valuable insights into the current trends and future scope of AI and ML, enhancing the students' knowledge and interest in the subject.



Webinar on “Orientation on Innovation and Entrepreneurship”

ANNAPOORANA ENGINEERING COLLEGE
(An Autonomous Institution)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited By NAAC 'A' Grade & Accredited By NBA (Civil, CSE & EEE)
201 & 12(B) Status as per UGC Act 1956 503/908/2015 Certified Institution
NH-47, Sankari Main Road, Periyasargapadi, Salem-636309, Tamil Nadu.

INSTITUTE'S INNOVATION COUNCIL
Department of Mechanical Engineering
Will organize webinar on
Orientation on Innovation and Entrepreneurship
Date: 10.07.2024 Time: 10.30 am

Resource person:
Mr. M. Nithyanantham
Final Year/Mechanical
Annapoorana Engineering College, Salem

For more details please contact:

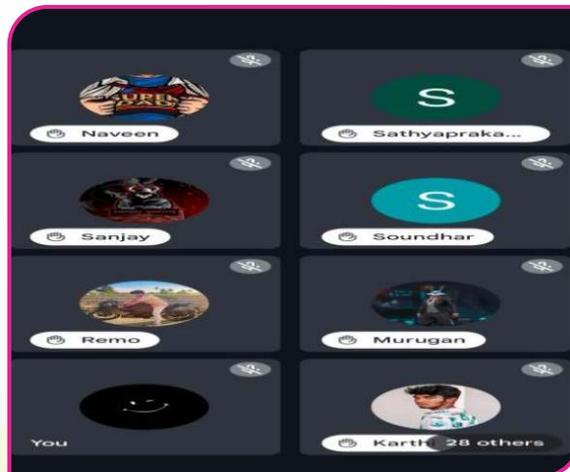
Convener IC President Dr. A. ANBU CHEZIAN Principal, Annapoorana Engineering College, Salem.	Co-Convener Mr. JESTIN JOSEPH AP-ECE Annapoorana Engineering College, Salem. 98425 46259
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Co-ordinators

Dr. J. SIVAKUMAR HOD/ASP - MECH	Mr. P. SAKTHIVEL AP - MECH
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The Institute Innovation Council and Department of Mechanical Engineering of Annapoorana Engineering College organized a one-day webinar on “Orientation on Innovation and Entrepreneurship” on 10.07.2024 at 10.30 a.m. Around 60 students and 10 faculty members actively participated in the session.

The webinar provided valuable insights into the role of innovation and entrepreneurship in today’s competitive world. Participants learned about various manufacturing processes and the importance of identifying, evaluating, and exploiting business opportunities. The session also highlighted how innovation drives value creation and growth in both economic and social contexts.



Webinar on “Entrepreneurship and Innovation as Career Opportunity”

Institute Innovation Council and Department of Mechanical Engineering has arranged one day webinar on “Entrepreneurship and Innovation as Career Opportunity” which was held on 24.07.2024 from 10.30 A.M. Nearly 60 Students and 10 Faculty members from Annapoorana Engineering College participated in the webinar. All the participants got various details about Entrepreneurship and Innovation” as Career Opportunity all manufacturing industries.

Career Opportunity promote the importance of Entrepreneurship and innovation as career opportunity and inculcate skill set required for a young graduate. Career Opportunity stimulates the overall architecture of the Entrepreneurship lifecycle and how student can create innovative product by undertaking relevant methods. To demonstrate global entrepreneurship activity skill set required to become an entrepreneur and how to convert simple idea into an innovation.



Webinar on “Review on Advanced Technologies in Various Engineering Sectors”

Institute Innovation Council and Department of Mechanical Engineering has arranged one day webinar on “Review on Advanced Technologies in Various Engineering Sectors” which was held on 01.08.2024 from 11.30 A.M. Nearly 60 Students and 10 Faculty members from Annapoorana Engineering College participated in the webinar. All the participants got various details about Review on Advanced Technologies in Various Engineering Sectors all manufacturing process.

The engineering sector has always been at the forefront of technological innovation, constantly pushing the boundaries of what is possible to design, build, and maintain our increasingly complex world. In recent years, the pace of innovation has accelerated exponentially, thanks to breakthroughs in various fields. From cutting-edge robotics to augmented reality solutions, engineers are now armed with various innovative technologies that are transforming how they approach their work.



Workshop on “Intellectual Property Rights (IPRs) and IP management for startup”



Institute Innovation Council and Department of Mechanical Engineering has arranged one day workshop on “Intellectual Property Rights (IPRs) and IP management for startup” which was held on 02.08.2024 from 11.30 A.M. Nearly 60 Students and 10 Faculty members from Annapoorana Engineering College participated in the workshop. All the participants got various details about on Intellectual Property Rights (IPRs) and IP management for start up all development process.

The students enjoyed the workshop and were benefitted with the all-encompassing understanding of Intellectual Property Rights and its importance in IP Management for start-up. This empowered the students with the necessary awareness, knowledge and tools to protect their ideas and their

business. They got to know how intellectual property rights can help their business to build a market value and that having an IPR is an asset for the company and that it can be bought, sold, licensed and exchange like any other property.

Webinar on “Session Panel discussion with innovation and Start-up Ecosystem Enablers from the Region/State/National level”

Institute Innovation Council and Department of Mechanical Engineering has arranged one day webinar on “Session Panel discussion with innovation and Start-up Ecosystem Enablers from the Region/State/National level” which was held on 08.08.2024 from 10.30 A.M. Nearly 60 Students and 10 Faculty members from Annapoorana Engineering College participated in the webinar. All the participants got various details about Session Panel discussion with innovation and Start-up Ecosystem Enablers from the Region/State/National level all manufacturing process.

The poster is for a webinar organized by the Institution Innovation Council, Department of Mechanical Engineering, at Annapoorana Engineering College. The event is titled "SESSION / PANEL DISCUSSION WITH INNOVATION AND START-UP ECOSYSTEM ENABLERS FROM THE REGION/STATE/NATIONAL LEVEL." and is scheduled for 08.08.2024 at 10.30 am. The resource person is Dr. Boopathi. D., Assistant Professor in the Department of Automobile Engineering, College of Engineering and Technology, SSVI Institute of Science and Technology, Kattankulathur, Chennai. The poster also lists the IC President, Dr. A. ANBUCHIZIAN, and the IC Director, Mr. M. JESTIN JOSEPH. Co-ordinators are Dr. J. SIVAKUMAR and Mr. P. SAKTHIVEL. The college is an Autonomous Institution, Accredited by AICTE, NAAC 'A' Grade, and NBA.

Report on One Day Online Session on “Innovation and Start-Up Ecosystem Enablers from the Region/State/National Level”. To create awareness to the students regarding innovation ecosystem by transforming new ideas into reality through access and financial investment and how to create that ecosystem. The distinguishing factor in this year’s Ranking framework is that categories are developed on the basis of population of States. The categorization aims to:

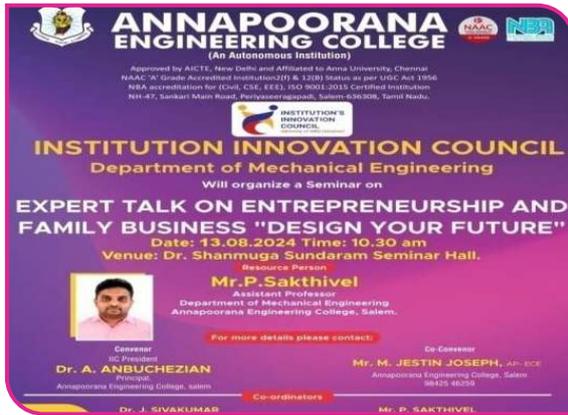
Bring uniformity in the evaluation process and bring all the States/UTs on a level-playing field.

Seminar on “Expert Talk on Entrepreneurship and Family Business Design Your Future”

Institute Innovation Council and Department of Mechanical Engineering has arranged one day Seminar on “Expert Talk on Entrepreneurship and Family Business Design your Future” which was held on 13.08.2024 from 10.30 A.M. Nearly 60 Students and 10 Faculty members from Annapoorana Engineering College participated in the Seminar. All the participants got various details about Expert Talk on Entrepreneurship and Family Business "Design your Future" all manufacturing process.

Design your Future is develop skills in successfully initiating, expanding, diversifying and managing a business enterprise with focus on understanding real life business situations and

business practices. Inculcate among students, entrepreneurial competencies including self-confidence, goal setting, planning, information seeking, problem solving and planned risk taking. Provide intensive personal counselling to develop a competent entrepreneur and a successful business executive of tomorrow.



Seminar on “Enterprise Design Thinking and Prototype Development”



Institute Innovation Council and Department of Mechanical Engineering has arranged one day Seminar on “Enterprise Design Thinking and Prototype Development” which was held on 21.08.2024 from 10.30 A.M. Nearly 60 Students and 10 Faculty members from Annapoorana Engineering College participated in the Seminar. All the participants got various details about Enterprise Design Thinking and Prototype

Development for all design development organization. Enterprise Design Thinking and Prototype Development are key elements in creating innovative solutions within organizations and also integral to fostering innovation and solving complex challenges in organizations. Enterprise Design Thinking focuses on understanding user needs and fostering innovation at an organizational level, while Prototype Development involves creating and refining models to test and validate ideas. Both are integral to creating effective, user-centered solutions and driving organizational success.

Report on “Intra Institutional Idea Competition”



The Department of Mechanical Engineering, in association with the Institute Innovation Council, conducted an *Intra-Institutional Idea Competition* on 18th September 2024. The primary aim of the event was to encourage innovation and creative thinking among students in the areas of engineering solutions, sustainable technologies, and design innovations. A total of 68 students (23 batches) and 15 staff members actively participated in the event. Ideas were evaluated based on creativity, technical feasibility, and real-world applicability. Winners received prizes and departmental support to further develop their concepts.

The competition was a resounding success, reflecting the department's strong commitment to fostering innovation and collaboration. Participants expressed high levels of satisfaction and enthusiasm for future events. Plans are underway to expand the competition in upcoming editions to include more categories and promote broader participation. This initiative significantly contributed to building a culture of innovation and laid the foundation for integrating student ideas into research and real-world applications.

Seminar on “Designing the Future: An Innovation Journey”

The Department of Mechanical Engineering, in association with the Institute Innovation Council, organized a seminar titled "Designing the Future: An Innovation Journey" on 23rd September 2024 at 10.30 a.m. A total of 64 students and 6 faculty members from Annapoorana Engineering College participated in the event. Mr. A. Elamvazhuthi, Assistant Professor in the Department of Mechanical Engineering, served as the resource person. He holds over 3 years of teaching experience and one year of industrial exposure. He completed his B.E. in Mechanical Engineering from Maha Bharathi Engineering College and M.E. in Thermal Engineering from Salem College of Engineering and Technology (2017–2019).

The seminar provided a comprehensive overview of the innovation process, emphasizing design thinking, prototyping, and entrepreneurial skills. Through interactive sessions and expert insights, participants explored ways to tackle real-world challenges through innovative approaches. The event aligned with the mission of the Institute Innovation Council to foster a student-centric innovation ecosystem.

Participants gained practical knowledge on identifying problems, building prototypes, and navigating the innovation journey, contributing to the institution's ongoing efforts to promote entrepreneurship and innovation.



Seminar on “Entrepreneurship & Innovation as a Career Opportunity”

The Department of Mechanical Engineering, in association with the Institute Innovation Council, conducted a seminar on "Entrepreneurship & Innovation as a Career Opportunity" on 7th October 2024 at 10.30 a.m. A total of 63 students and 8 faculty members from Annapoorana Engineering College actively participated.

Mr. J. Boopathi, Assistant Professor in the Department of Mechanical Engineering, served as the resource person. He has over 10 years of teaching experience and one year of industrial experience. He completed his B.E. in Mechanical Engineering from Muthayammal Engineering College and M.E. in Manufacturing Engineering from Mahabharathi Engineering College (2014–2015). He has published two Scopus-indexed journals and holds one patent.

The seminar emphasized the importance of entrepreneurship in addressing real-world needs and developing innovative solutions. Students were introduced to key concepts of innovation, business

development, and entrepreneurial thinking. The session encouraged students to explore entrepreneurship as a viable career path and inspired them to generate and develop new ideas. The event was a success, fostering innovation and entrepreneurial mindset among the participants.



Seminar on “Introduction to Innovation and Entrepreneurs”

The Department of Mechanical Engineering, in collaboration with the Institute Innovation Council, organized a seminar on "Introduction to Innovation and Entrepreneurship" on 12th November 2024 at 11.30 a.m. A total of 52 students and 5 faculty members from Annapoorana Engineering College participated in the event.

Mr. R. Karthikeyan, a third-year B.E. Mechanical Engineering student, actively took part in the seminar. Known for his consistent academic performance and strong grasp of core mechanical engineering concepts such as mechanics, thermodynamics, and materials science, he has shown a deep interest in innovation and entrepreneurship.

The seminar aimed to introduce students to the fundamentals of innovation and entrepreneurial thinking. It provided insights into how creative ideas can be transformed into real-world solutions and business ventures. The session inspired students to think beyond academics and explore opportunities to create impactful innovations. The event was well-received and encouraged a spirit of curiosity and initiative among the participants.



PLACEMENT AND TRAINING CELL

Report on "Career Important Steps to Land Your Dream Job "

On August 8, 2024, the Placement and Training Cell hosted a webinar titled "Important Steps to Land Your Dream Job," led by Rohit Ravinder, CEO of Tap Academy. This session was tailored for final year students to provide essential guidance and strategies for successfully entering the job market.

Rohit stressed the importance of assessing personal strengths, skills, and career aspirations. He suggested tools and techniques for self-evaluation to align career goals with individual capabilities. Practical tips were provided for crafting effective resumes and optimizing LinkedIn profiles. Rohit highlighted the significance of customizing resumes for each job application and maintaining a professional online presence.

The session was engaging, with interactive elements such as live Q&A and polls. Students actively participated, posing questions and discussing their concerns regarding job applications



and interviews. The webinar offered valuable insights and practical advice from Rohit Ravinder on securing a dream job. Final year students gained essential strategies for resume building, networking, and personal branding, equipping them to navigate the job market effectively.

Report on "National Mathematics Day Celebration"

The Department of Science and Humanities, Annapoorana Engineering College, celebrated National Mathematics Day on 20.12.2024 under the theme "A Man Who Knew Infinity," commemorating the birth anniversary of the legendary mathematician Srinivasa Ramanujan.

The event was presided over by the Principal, Dr. A. Anbuchejian, who highlighted Ramanujan's contributions and the significance of cultivating mathematical thinking. A documentary on Ramanujan's life was screened, followed by a series of engaging events including paper presentations, Math Olympiad, model display, quiz, rangoli, drawing, and connexions

FACULTY AWARDS (July 2024-Dec 2024)

SL. NO.	NAME OF THE RECIPIENT OF THE AWARD	DESIGNATION	TITLE OF THE AWARD
1.	Dr.A.Anbuchejian	Principal & Professor /CIVIL	The Outstanding Leadership Principal of the year presented by International Icon Awards 2024
2.	Dr.T.Buvaneswari	HOD/CSE	International Women's Day Award(Women Empowerment Appreciation Award)
3.	Dr. S.M. Kamali	Professor /EEE	Best Researcher Award, Samp, Organized By Zadhyan Engineering College, Hosur.

FACULTY JOURNAL PUBLICATIONS (July 2024-Dec 2024)

Sl. No.	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE			
1.	T.Poornachandar	Intelligent Farming system Using Artificial Intelligence	IEEE Xplore(Scopus)
DEPARTMENT OF AUTOMOBILE ENGINEERING			
2	S.Paul Raj	Review on characterization, impacts and optimization of EDM parameters on composite structure in additive manufacturing	Progress in Additive Manufacturing
DEPARTMENT OF CIVIL ENGINEERING			
3	Silpa. N, Anbuchejian ashokan	A Case Study In Aruovil Blocks Villupuram District Tamil Nadu, India: To Evaluate Ground Water Quality For Drinking And Irrigation Suitability	Nanotechnology Perceptions
4	Silpa. N, Anbuchejian ashokan	The Effect Of Blue Green Infrastructure For New Development Of Town And Cities	Nanotechnology Perceptions
5	Gandhimathi.R.S Kishore Kunal Vairavelmadeshwaren	Effect Biomedical Waste Management: Optimizing Segmentation And Classification With Enu -Net -Dnn -Bmwc	Global Nest

6	Anbuchejian ashokan Suresh Pungaiiah Muthukumaran Nithya	Influence Of Siliceous Rock Duct On Mechanical, Thermal And Flammability Behaviour Of Himalayan Nettle Fibre Reinforced Vinyl Ester Composite	Polymer Bulletin
7	Dhipanaravind singaravel Anbuchejian ashokan Silambarasan rajendran Ratchagaraja dhairiyasamy	Influence Of Nanoceramic Addiction On The Performance Of Cement –Based Material	Revistamateria
8	Dr.Anbuchejian ashokan Silambarasan rajendran Ratchagaraja dhairiyasamy	A Comprehensive Study On Enhancing Of The Mechanical Properties Of Steel Fiber Reinforced Concrete Through Nano -Silica Integration	Scientific Reports
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			
9	Mr.T.P.Udhayasankar	Detection of Phishing Website Block using Machine Learning	International Journal of Innovative Research in Science and Engineering and Technology (IJIRSET)
10	Mr.K.Thangadurai	Intelligent Framing System using Artificial Intelligence	International Conference on Power Energy Control and Transmission System
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
11	Dr. R. Venkatesh	Improved gazelle optimization algorithm (IGOA) -based optimal design of solar/battery energy storage/EV charging station	Springer Berlin Heidelberg
		Implementation of DC - DC Step -up Converter for Renewable Energy Applications	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)
		Maximum Power Generation of PV system using ADO Algorithm for Different Load Conditions	2024 3rd International Conference on Automation, Computing and Renewable Systems (ICACRS)
		Study of Modified Nine Level Multilevel Inverter with Reduced Power Switches	2024 3rd International Conference on Automation, Computing and Renewable Systems
12.	Dr. S.M. Kamali	Improved Gazelle optimization	Journal of Electrical

		Algorithm)(IGOA) - based optimal design of Solar/Battery energy storage /EV charging station	Engineering
		A Context -Aware Content Recommendation Engine for Personalized Learning using Hybrid Reinforcement Learning Technique	Journal of Advancement in Parallel Computing
		An AI -Based Intelligent Exam Proctoring System for Secure and Fair Online Assessments	Journal of Advanced Research in Artificial Intelligence & It's Applications
		KGCD: Leveraging Knowledge Graphs for Intelligent Curriculum Design in Education	Journal of Recent Trends in Cloud Computing and Web Engineering
		Evaluating Silver Nanoparticles, Copper Coatings and Zinc Oxide Nanostructures for Antimicrobial Medical Device Applications	International Journal of REVISTAMATERIA
		Synergizing Smart Grids, Renewable Energy, and WiFi Marketing: A Path way to Sustainable Business Innovation	Library Progress International
		Modular Multilevel Converter -Based Hybrid Energy Storage System for Electric Vehicles: Design, Simulation, and Performance Evaluation	International Journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects
13.	Mrs. T.Muthamil	Axial flux permanent magnet synchronous generation using wind source based on maximum power point tracking	AIP Publishing
DEPARTMENT OF SCIENCE & HUMANITIES			
14	Dr.R.Karthikeyan	Viscous Dissipation effects	Communications on

		on MHD free convective effects of unsteady flow over a vertical Porous Plate with effects of Radiation	Non-Linear Analysis - Scopus Indexed
15	Dr.S.S.Uma Sundara Sood	Tenets of Technology as a Post -Truth Credo in Indian Rural Academia.	Scopus Journal : Pakistan Journal of Life and Social Sciences. 07.11.2024
16	Dr.V. Chellasamy	Microwave assisted synthesis Pt _x Ru _{1-x} -NiTiO ₃ : A novel Hybrid Nanostructured Electrocatalyst for Direct Methanol Oxidation	ECS Advances
DEPARTMENT OF MECHANICAL ENGINEERING			
17	J.Srinivas, Senthilkumar, G.V. Kroshna Pradeep, J.Sivakumar,R.Silambarasan	Effectiveness of Materials as Thermal Barrier Coating for I.C. Engines - A Review.	Library progress Internationals
18	Dhavamani Chinnathambi, Sivakumar Jaganathan, Silambarasan Rajendran, SudagarSubramanian , Chander Prakash, Vinod Balmiki	Investigation of material characteristics on 3D printing of vertical windmill blade using finite element method	RevistaMatéria,
19	Sivakumar Jaganathan, Raju Kandasamy , Ravikumar Venkatachalam Muthu Gunalan , RatchagarajaDhairiyasamy	Advances in Optimizing Mechanical Performance of 3D-Printed Polymer Composites: A Microstructural and Processing Enhancements Review	Advances in Polymer Technology

BOOK /CHAPTER PUBLICATION BY FACULTY MEMBERS

(July 2024-Dec 2024)

Sl.No	Name	Title of the book /Chapter	ISBN No	Edition	Publication
DEPARTMENT OF CIVIL ENGINEERING					
1.	Mrs.T.Divya	Disaster Preparedness Planning and Management	978-81-972982 - 2-6	1 st	VA Book Publication
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING					
2.	Mrs. R.Saranya	Advances in Artificial Intelligences Theories	978-81-982496 -	--	Association of Global Academician and Researchers(AGAR)

		Techniques and Practical Applications	1-6		
DEPARTMENT OF INFORMATION TECHNOLOGY ENGINEERING					
3.	Mrs.Saranyadurai A	Introduction to artificial intelligence: Concepts and applications	978 -81 -982496 - 1-6		Association of Global Academicians and Researchers (AGAR)
DEPARTMENT OF SCIENCE AND HUMANITIES					
4.	Dr.S.S.Uma Sundara Sood (Book Chapter)	Contemporary World Literature: A Global Perspective./ Ecofeminism and the Feminine Connection to Nature with Reference to Colleen McCullough's Oeuvre.	-	-	Blue AvA Ford Publications. 01-09-2024
		The Scrolling Scholars: Bridging Academia and Social Media	-	-	Prasanth Arockiasamy, Caro Velma 01-11-2024
DEPARTMENT OF MECHANICAL ENGINEERING					
5.	Mr.M.Govindaraj	Heat Transfer	9789366745268	I ST	Scientific International Publishing House
6.	Dr.J.Sivakumar	Additive Manufacturing	9788197951534	I ST	Vinsa Publications
7.	Dr. V. Moorthi	Electric Vehicle Technology	978 -81 - 980367 -3-5	I ST	Kalaivani publication

IN-PLANT TRAINING (July 2024-Dec 2024)

Sl.NO .	DATE	NAME	BATCH	COMPANY NAME
DEPARTMENT OF BIOMEDICAL ENGINEERING				
1.	01.08.2024 – 10.08.2024	Jayamohan S	2023 -2027	Mithra Scans

2.	05.08.2024 – 10.08.2024	Kanimozhi C	2023 -2027	Wearable Mems Private Ltd
3.	05.08.2024 – 10.08.2024	Jayanthi A	2023 -2027	Wearable Mems Private Ltd
4.	05.08.2024 – 10.08.2024	Shanmugapriya	2023 -2027	Wearable Mems Private Ltd
5.	05.08.2024 – 10.08.2024	Atchaya R	2023 -2027	Wearable Mems Private Ltd

DEPARTMENT OF CIVIL ENGINEERING

1.	01.07.2024 to 18.07.2024	V.Dhivya P.Nivetha	2022 -2026	Janasaran Associates
2.	01.07.2024 to 18.07.2024	D.Ajith G.Arun Kumar A.Mohamed Ibrahim J.Vignesh	2022 -2026	SRI Associates
3.	01.07.2024 to 18.07.2024	T.Dheenadhayalan K.Mohankumar G.Surya C.Jayaseelan J.Mithuna N.Shyamala M.Manojkumar	2022 -2026	D.V.Associates
4.	01.07.2024 to 18.07.2024	C.Rajeshkumar V.Vignesh S.Balayogi	2022 -2026	Icon Homz
5.	01.07.2024 to 18.07.2024	G.Sathiyamoorthi K.Gayathri S.Senthilkumar G.M.Monikaa Jayalakshmi S.Sakthivel P.Sabarinathan D.Ravikumar	2022 -2026	DMV Construction
6.	01.07.2024 to 18.07.2024	P.Nagarajan M.Murali J.Rajasekar D.Singaravel C.Thouseef Basha	2022 -2026	VENUS Builder
7.	01.07.2024 to 18.07.2024	E.Jebaraj M.Rajamani	2022 -2026	Koya & Co Construction
8.	01.07.2024	K. Thirunavukkarasu	2022 -2026	G-21Architect

	to 18.07.2024	P.Yugeswaran		
9.	01.07.2024 to 18.07.2024	M.Natarajan J.Vignesh Hariharan S.Vijay Sankar	2022 -2026	A Systematic design construction (SD)
10.	01.07.2024 to 18.07.2024	B.Karthick I.Kamalesh M.Marimuthu T.Balaji V.Balaji N.Santhanakumar E.Arivukkarasan	2022 -2026	Triple M Constructions
11.	01.07.2024 to 18.07.2024	Vipula T Vijayan K.Neethu V.Anandhu N.Elango M.Parvesh T.Sriram	2022 -2026	Civilians High Tech Builders
12.	01.07.2024 to 18.07.2024	M.Dinakaran S.Tamilarasan	2022 -2026	Grid Construction
13.	01.07.2024 to 18.07.2024	M.Sunilkumar J.Jayakumar	2022 -2026	Dreamline Construction
14.	01.07.2024 to 18.07.2024	M.Vinothkumar C.Venkatasalam P.Tamilzhiniyan K.Suresh M.Sree Ram G.Mohan raj C.Vinitha	2022 -2026	Vikram Constructions

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

15.	08.08.2024 - 12.08.2024	M.Muthazhagan B.Muthu	2022 -2026	Artifai Tech Pvt Limited
16.	05.09.2024 - 09.09.2024	Arun K Abinaya Shabana Niranjana Naveena Dinesh V	2022 -2026	Eagle Hi -tech softcloupvt Ltd.
17.	07.10.2024 - 12.10.2024	Hariharan M	2022 -2026	Rapisoft solution Private limited

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

18.	13.11.2024	All 3 rd Year 45 Student's	2022 - 2026	Barrage Power House - 1, Chekkanur, Salem.
19.	13.11.2024	All 2 nd Year 43 Student's	2023 - 2027	Mettur Dam & Tunnel Power House, Salem.

DEPARTMENT OF MECHANICAL ENGINEERING

20.	16.12.2024 to 22.12.2024	Sripughal P Vikash K Vishnu G Yamuna S Yuvaraji E	2023 -2027	MM Gears, Coimbatore
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FACULTY ACTIVITIES FROM (July 2024-Dec 2024)

Sl. No.	DATE	NAME	EVENT	TITLE	COLLEGE NAME
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE					
21.	01.07.24 To 05.07.24	Mr.T.Pooranachandar	FDP	Cybersecurity	Adhiyamaan College of Engineering (Autonomous)
	16.12.24 To 20.12.24		FDP	Salesforce Platform Developer 1	Mahendra Engineering College (Autonomous)
22.	29.07.24 To 02.08.24	Mr.C.Sukumar	FDP	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Royapettah, Chennai.
	05.08.24 To 09.08.24		FDP	Exploring Machine Learning Cyber Security: Tools and Trends	Sri Venkateswara Engineering College Chennai
	29.10.24		Project	Develop a Vegetable Harvester to Reduce Waste and Improve Productivity.	Naan Mudhalvan(Tamil Nadu Skill Development Corporation)
	09.11.24		Workshop	Nvidia's Jetson Nano	Pantech e Learning
	25.11.24 To 30.11.24		FDP	Recent Advancements in AI&IOT	Periyar Maniammai Institute of Science and Technology, Thanjavur.
	13.12.24		Course	Programming Fundamentals using Python	Infosys
23.	01.07.24 To 05.07.24	Mrs.P.Priya	FDP	Salesforce Platform Developer 1	Annapoorana Engineering College (Autonomous)

DEPARTMENT OF BIOMEDICAL ENGINEERING

24.	05.08.2024 – 17.08.2024	P.T.Bhuvana	FDP	Harnessing Digital Healthcare Technologies: Biomarkers, Iot, Date Analytics And Ai In Precision Medicine	Atal (Knowledge Institute Of Technology, Salem)
25.	30.09.2024 – 05.10.2024	P.T.Bhuvana	INTERNAT IONAL FDP (IFDP)	Biomedical Science & Technology	International Fovea -Z Biomedical, Atheenapandian Private Limited
26.	30.09.2024	P.T.Bhuvana	WORKSH OP	Quality Control In Medical Device Calibration	KSR College Of Engineering, Tiruchengode
27.	30.09.2024	P.Yasodha Devi			
28.	02.12.2024 – 07.12.2024	P.T.Bhuvana	FDP	Advanced Solutions For Space Exploration And Modern Defense System	ATAL (Iiit Kottayam)
29.	09.12.2024 – 14.12.2024	P.T.Bhuvana	FDP	Advancing Healthcare With Robotics: Rehabilitation Therapy & Sports Medicine	ATAL (Sona College Of Technology, Salem)
30.	02.12.2024 – 07.12.2024	P.Yasodha Devi	FDP	Advanced Solutions For Space Exploration And Modern Defense System	ATAL (Iiit Kottayam)
31.	09.12.2024 – 14.12.2024	P.Yasodha Devi	FDP	Advancing Healthcare With Robotics: Rehabilitation Therapy & Sports Medicine	ATAL (Sona College Of Technology, Salem)
32.	09.12.2024 – 14.12.2024	S.Gnanasekaran	FDP	Advancing Healthcare With Robotics: Rehabilitation Therapy & Sports Medicine	ATAL (Sona College Of Technology, Salem)
Department Of Civil Engineering					
33.	23.09.2024 - 27.09.2024	Mr.B.Nandhagopal	FDP	Strategies To Enhance Industry - Academia Linkages (Iste)	Rasiklal M. Dhariwal Sinhgad School Of Engineering

34.	09.09.2024 - 14.09.2024	Mr.B.Nandhagopal	FDP	Entrepreneurship Development And Accelerating Innovation And Start -Ups	Vinayaka Missions Kirupananda Variyar Arts And Science College Vinayaka Missions Research Foundation Deemed To Be University
35.	08.09.2024 - .06.09.2024	Mr.B.Nandhagopal	FDP	3d Printing In Construction Technology	National Engineering College
36.	02.07.2024 & 03.07.2024	Mr.B.Nandhagopal	FDP	Environmental Pollution: Monitoring & Control	Adi Shankara College Of Engineering And Technology
37.	02.07.2024 & 03.07.2024	Dr.R.S.Gandhimathi			
38.	02.07.2024 & 03.07.2024	Dr.S.Dhipanaravind			
39.	JULY -OCT	Mr.B.Nandhagopal	FDP	Wastewater Treatment And Recycling	NPTEL
40.	JULY -OCT	Dr.R.S.Gandhimathi			
41.	27.08.2024 - 31.08.2024	Dr.A.Murugesan	FDP	Renewable And Non Renewable Energy Sources And Their Impact On Current Energy Scenario	Nehru Institute Of Technology
42.	27.08.2024 - 31.08.2024	Dr.R.S.Gandhimathi			
43.	21.08.2024 - 04.09.2024	Dr.R.A.Shivasakthivadive lan	FDP	Vertical Urbanization With Tall Structures And Construction Challenges	SRM Institute Of Science And Technology
44.	21.08.2024 - 04.09.2024	Mrs.T .Divya			
45.	21.08.2024 - 04.09.2024	Mrs.Silpa.N			
46.	09.09.2024 - 13.09.2024	Mr.P.Ayyanar	FDP	Research Trends & Future Scope In Civil Engineering	National Institute Os Technology Jamshedpur
47.	23.09.2024 - 27.09.2024	Mr.M.Siva	FDP	Advanced Materials And Techniques For The Repair And Strengthening Of Concrete Structutres	R.V.R & J.C. College Of Engineering
48.	23.09.2024 - 27.09.2024	Mr.P.Ayyanar			

				Concrete Structures	
49.	25.09.2024 - 30.09.2024	Mrst.Divya	FDP	Recent Advances And Challenges In Geotechnical Engineering -An Industry Perspective	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology
50.	17.08.2024	Dr.R.S.Gandhimathi	Workshop	Application Of AI in Civil Engineering	S.A.Engineering College
51.		Mrs.T.Divya			
52.		Mr.M.Siva			
53.		Mrs.S.Shanmugapriya			
54.	29.07.2024	Mr.P.Ayyanar	Webinar	Best Practices In Research & Innovation	Ramireddy Sunnarami Reddy Engineering College
55.	15.08.2024	Mr.P.Ayyanar	Webinar	Commerate The Birth Anniversary Of Apj Abdul Kalam In The Theme	Neev/Twd/Kalam-2024 -233
56.	27.08.2024	Dr.R.S.Gandhimathi	Webinar	Flowing Towards Sustainability: Water Treatment For A Greener Future	Coimbatore Institute Of Engineering & Technology
57.		Mr.B.Nandhagopal			
58.		Mrs.T.Divya			
59.		Mrs.N.Silpa			
60.		Dr.S.Dhipanaravind			
61.		Mr.M.Siva			
62.	05.09.2024	Mr.B.Nandhagopal	Webinar	Seawater Mixed Concrete	SRM Madurai College For Engineering And Technology
63.		Dr.R.A.Shivasakthivadivelan			
64.		Mr.M.Siva			
65.		Dr.S.Dhipanaravind			
66.	23.09.2024	Mr.P.Ayyanar	Webinar	Use AI In Estimating	Jaypee University Of Engineering & Technology
67.	30.09.2024	Dr.R.S.Gandhimathi	Webinar	Geomembranes And Its Application	KPR Institute Of Engineering
68.		Mr.P.Ayyanar			
69.		Mr.M.Siva			
70.		Mr.P.Ayyanar			
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING					
71.	16.12.2024 - 20.12.2024	Mrs.P.Maheshwari	FDP	Salesforce Platform Developer 1	Mahendra Engineering College.
72.	18.11.2024 - 22.11.2024	Mrs.P.Maheshwari	FDP	Cloud Architect	Vardhaman Engineering College
73.	16.12.2024 -	Mrs.R.Saranya	FDP	Salesforce	Mahendra

	20.12.2024			Platform Developer 1	Engineering College.
74.	14.10.2024 - 16.10.2024	Mrs .G.Suganya	FDP	Team Building and Managing	AVS College of Arts and Science
75.	18.11.2024 - 22.11.2024	Mrs.A.Deepa	FDP	Cloud Architect	JB Institute of Engineering and Technology
76.	25.11.2024 - 29.11.2024	Mrs.A.Deepa	FDP	Microsoft Power BI Data Analyst	Muthayammal Engineering College
77.	14.10.2024 - 16.10.2024	Mrs.R.Uma Mageswari	FDP	Team Building and Managing	AVS College of Arts and Science
78.	22.07.2024 - 02.08.2024	Mr.K.Thangadurai	FDP	Transforming Education Integrating OBE and NEP 2020	CVR College of Engineering
79.	09.09.2024 - 14.09.2024	Mr.K.Thangadurai	FDP	Entrepreneurship Development and accelerating Innovation and Startups	Vinayaka Missions Kirupananda Variyar Arts and Science College
80.	19.10.2024	Mr.K.Thangadurai	FDP	How to create Effective Research Papers	Annapoorana Engineering College
81.	08.10.2024 & 09.10.2024	Mr.K.Thangadurai	Conference	Intelligent Farming system using Artificial Intelligence	SAI RAM Engineering College
82.	08.10.2024 & 09.10.2024	Mr.A.RameshKumar	Conference	Intelligent Farming system using Artificial Intelligence	SAI RAM Engineering College
DEPARTMENT OF ELECTRONICS AND COMMUNICAT ENGINEERING					
83.	Jul-Aug 2024	Dr.B.Ramesh	FDP	Teaching and Learning in General Programs: TALG	NPTEL
84.	Jul-Aug 2024	Dr.B.Ramesh	NPTEL - Course	Teaching and Learning in General Programs: TALG	NPTEL
85.	Jul-Aug 2024	Mrs.S.Devipriya	FDP	Teaching and Learning in General Programs: TALG	NPTEL
86.	Jul-Aug 2024	Mrs.S.Devipriya	NPTEL - Course	Teaching and Learning in General Programs: TALG	NPTEL

87.	Jul-Aug 2024	Mrs.M.Suganya	FDP	Teaching and Learning in General Programs: TALG	NPTEL
88.	Jul-Aug 2024	Mrs.M.Suganya	NPTEL - Course	Teaching and Learning in General Programs: TALG	NPTEL
89.	05.08.2024 - 17.08.2024	Mr.A.Kumaravel	FDP	Harnessing Digital Healthcare Technologies: Biomarkers, IoT, Data Analytics and AI in Precision Medicine	Knowledge Institute of Technology
90.	Jul-Oct 2024	Mr.A.Jagadeeswaran	NPTEL - Course	Digital Circuits	NPTEL
91.	Jul-Oct 2024	Dr.B.Ramesh	NPTEL - Course	Digital Circuits	NPTEL
92.	Jul-Oct 2024	Mrs.M.Jestin Joseph	NPTEL - Course	Digital Circuits	NPTEL
93.	Jul-Oct 2024	Mrs.S.Devipriya	NPTEL - Course	Digital Circuits	NPTEL
94.	Jul-Oct 2024	Mrs.M.Suganya	NPTEL - Course	Digital Circuits	NPTEL
95.	Jul-Oct 2024	Mr.S.Karthick	NPTEL - Course	Digital Circuits	NPTEL
96.	02.09.2024 - 06.09.2024	Mrs.S.Devipriya	FDP	Deep Learning for Engineering Applications	NITTR -Erode Sengunthar Engineering College
97.	02.09.2024 - 06.09.2024	Mrs.M.Suganya	FDP	Deep Learning for Engineering Applications	NITTR -Erode Sengunthar Engineering College
98.	16.09.2024 - 20.09.2024	Mr.A.Kumaravel	FDP - NITTR	Microstrip Patch Antenna Design Techniques and Tools	NITTR, Chandigarh
99.	23.09.2024 - 28.09.2024	Mr.R.Arul.Arumugam	FDP	Innovation and Design Challenges in Antenna and RF Devices for Next Generation 5G/6G Wireless Communication	Sri Manakula Vinayagar Engineering College
100.	Jul Sep 2024 -	Mrs.S.Devipriya	FDP	Introduction to Basic Cognitive Processes	NPTEL

101.	Jul-Sep 2024	Mrs.S.Devipriya	NPTEL - Course	Introduction to Basic Cognitive Processes	NPTEL
102.	Jul-Sep 2024	Mrs.M.Suganya	FDP	Introduction to Basic Cognitive Processes	NPTEL
103.	Jul-Sep 2024	Mrs.M.Suganya	NPTEL - Course	Introduction to Basic Cognitive Processes	NPTEL
104.	19.10.2024	Mrs.M.Suganya	FDP	One Day Faculty Development Programme	CII IWN -Salem
105.	11.11.2024 - 23.011.2024	Mr.A.Jagadeeswaran	FDP	Recent Advancements and Challenges in the Realm of Flexible & Transparent Wearable Electronic Devices for PrecisionHealthcare Systems Using IoT, AI&ML	Mahendra Engineering College
106.	25.11.2024 - 30.11.2024	Mr.S.Jayakumar	FDP	AI and Emerging Technologies for Sustainable energy and climate Adaptation	IIIT Kottayam
107.		Mr.A.Jagadeeswaran			
108.		Mrs.M.Suganya			
109.	09.12.2024 - 14.12.2024	Mr.S.Karthick	FDP	Advancing Healthcare with Robotics: Rehabilitation Therapy & Sports Medicine	Sona College of Technology
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING					
110.	Jul' – Aug' 2024	Dr. ALAGARASAN	NPTEL	Technical Communication For Engineers	SWAYAM
111.	09.09.2024 to 14.09.2024	Mr. Saravanapriyan R	FDP ATAL	Entrepreneurship Development And Accelerating Innovation And Start -Ups	Vmkv Arts And Science College, Salem.
112.	16.12.2024 to 21.12.2024	Dr. Kannan K	FDP ATAL	Climatic Crisis And Mitigation Through Sustainable	Sri Krishna College Of Engineering And

				Development Of Energy And Environmental Systems	Technology, Coimbatore.
113.	16.12.2024 to 21.12.2024	Mrs. Muthamil T	FDP	Advanced Data Science & NLP : Elevate Your Research And H-Index	SRM Valliammai Engineering College
114.	2024	MrS. Muthamil T	GUIDE	Niral Thiruvizha - Hackathon	Tn Skill Development Corporation, Government of Tamil Nadu.
DEPARTMENT OF INFORMATION TECHNOLOGY ENGINEERING					
115.	16.12.2024 - 20.12.2024	Mrs. Saranyadurai A	FDP	Sales Force Platform Developer	Mahendra Engineering college.
116.		Mr. Kumaravel M			
DEPARTMENT OF SCIENCE & HUMANITIES					
117.	23.11.2024 To 25.11.2024	Dr. R. Karthikeyan	Workshop	Making Successful Academic Presentations	Global Research and Training Centre
118.		Mr .M. Kumar			
119.	14.09.2024 To 16.09.2024	Mrs .M.Ragapriya	Workshop	Data Analysis using Excel and AI Tools	Global Institute of Statistical Solutions
	05.10.2024 To 07.10.2024			Research Methodology	Global Research and Training Centre
	23.11.2024 To 25.11.2024		WORKSH OP	Making Successful Academic Presentations	Global Research and Training Centre
	26.12.2024 To 30.12.2024		Five Days Online Workshop	Master the art of Research and Publication AI Tools and Techniques of Research for Quick Report Writing and Quality Publication	Global Research and Training Centre
120.	23.11.2024 To 25.11.2024	Ms.R.Banu	Workshop	Making Successful	Global Research and Training

				Academic Presentations	Centre
121.	07.08.2024 To 09.08.2024	Mrs .Jangam Saraswathi	International Virtual Workshop	Lavender Literary Club India, Cape Comorin Trust, India, Malasian Industrial Relations and Human Resource Association (MIRHA) Malasiya.	Soft skills, Research skills and Teaching Methods for Effective Teaching
122.	07.08.2024 to 09.08.2024	Dr.S.S.Uma Sundara Sood	3 Day International Workshop	Soft Skills, Research Skills and Teaching Methods for Effective Teaching	Lavender Literary Club, India, Cape Comorin Trust, India, Malaysian Industrial Relations & Human Resource Association (MIRHA), Malaysia
	12.08.2024 to 17.08.2024		6 Day National FDP.	Mindfulness and Wellbeing for Professionals	Gokul Global University, Sidhpur, Gujarat and Nucleus of Learning and Development(NLD).
	25.08.2024 to 31.08.2024		One Week International FDP.	Navigating Research and IPR for the Educators in Recent Scenario	R&D Cell & IPR Cell, AVP College of Arts and Science, Tiruppur& Department of English St. John's College of Arts and Science, Ammandivilai.
	02.09.2024 to 07.09.2024		Five Day National FDP.	Research Paper Writing and Publication in Scopus Journal.	Pencil Bitz Academy, Ministry of MSME.
	09.09.2024 to		Two Week International	Foresights into English Language	Department of English,

25.09.2024		1 FDP.	Teaching and Research – FELTR '24.	Saveetha Engineering College, Chennai.
23.09.2024 to 27.09.2024		Five Day National FDP.	Empowering Educators: Enhancing Skills for Excellence.	Department of English, Kongunadu College of Engineering and Technology, Trichy.
02.09.2024 to 30.09.2024		One Month 3 Credit Certificate Course	Social Media For Academics	St. Josephs College, Trichy.
16.10.2024 to 22.10.2024		One Week National FDP	Unspoken Impact: Unlocking the Power of Non Verbal Communication	Gokul Global University, Sidhpur, Gujarat and Nucleus of Learning and Development(N LD).
16.08.2024		One Day International Seminar on Language and Literary Studies: Prospects and Challenges.	Entwined Destinies: Ecofeminism in the Select Novels of Colleen McCullough	Neyan Publications, World English Language Learners, Teachers and Trainers Association & Kanchi Shri Krishna College of Arts & Science.
20.08.2024		One Day International Seminar on Transcending Borders through Translation and Comparative Literature.	Ecoculture in the Outback: Environmental Vision in Colleen McCullough's Select Novels	Research Department of English, A.D.M College for Women, Nagapatinam.
22.08.2024 and 23.08.2024		Two Day International Conference	Transforming English Language Education through AI -	Department of English Literature, St. Josephs College

			on The Role of AI - Driven Technology in the Realm of Humanities.	Driven Learning.	ge for Women, Tiruppur.
	August - October 2024		NPTEL	Technical English For Engineers	NPTEL
123.	15.07.2024 to 21.07.2024	Dr.M.R.Sripriya	Online National Faculty Development Programme	Harnessing AI Tools: A Step Towards Strategic Teaching Approach	Nucleus of Learning and Development
124.	17.10.24 & 18.10.24	Dr. D.Dhivya Priya	Seminar	Recent Trends In Drug Design And Development In Chemical Sciences	Pgp College Of Arts And Science
	05.01.2024		National Seminar	SERB Sponsored one day National Seminar on Recent Trends, Challenges and Future of sodium -Ion Batteries for Electric Vehicles.	IFET College of Engineering, Villupuram
125.	10.02.2024 & 12.02.2024	Dr.P. Periyannan	International workshop	-	Sathybamainstitute of Science and Technology
	24.05.2024		National Seminar	National Level Seminar on Frontiers in Functional Materials	National College Trichy.
126.	05.01.2024	Dr.S.Masilamani	National Seminar	SERB Sponsored one day National Seminar on Recent Trends, Challenges and Future of sodium -Ion Batteries for Electric Vehicles.	IFET College of Engineering, Villupuram

	10.02.2024 & 12.02.2024		International Conference	International conference on Multidisciplinary Aspects in Physics	SRCAS, Coimbatore.
	14.06.2024 & 15.06.2024		International Conference	ICMAC - 2024	Sri Ramakrishna College of Arts and science, Coimbatore
	24.05.2024		National Seminar	National Level Seminar on Frontiers in Functional Materials	NATIONAL COLLEGE TRICHY.

DEPARTMENT OF MECHANICAL ENGINEERING

127.	08.07.2024 to 15.07.2024	M.Govindaraj	FDP	Emerging Concepts HVAC&R in	Kalinga Institution of Industrial Tecnology
128.	July to Oct 2024	E.Hariharan	NPTEL	Joining Technologies for Metals	AICTE
129.	Aug to Oct 2024	E.Hariharan	NPTEL	Advances in Welding and Joining Technologies	AICTE
130.	09.09.2024	E.Hariharan P.Sakthivel	FDP	Recent Trends in Digital Manufacturing	Adhiyamaan college of Engineering
131.	09.09.2024 to 14.09.2024	S.Kannan	FDP	Entrepreneurship Development and Accelerating innovation & Start ups	VMKV
132.	23.09.2024 to 27.09.2024	S.Kannan	FDP	Product Design Engineering using Fusion	Mahendra Institute of Technology
133.	30.09.2024 to 05.10.2024	M.Ranjithkumar	FDP	Machine Drawing Through Auto CAD	CVR College of Engineering

134.	09.12.2024 to 14.12.2024	E.Hariharan	FDP	Digital Manufacturing of Personalized Implants in Welding Based Additive Manufacturing and Post Machining	Coimbatore Institute of Engineering and Technology
135.	16.12.2024 to 21.12.2024	M.Govindaraj	FDP	Sustainable Practices in Energy and Environment Sector	D.Y.Patil International University

MOUs SIGNED(July 2024-Dec 2024)

SL. NO	NAME OF THE INDUSTRY / INSTITUTE	DATE OF SIGNING MOU	PURPOSE OF SIGNING MOU	DURATION
DEPARTMENT OF BIOMEDICAL ENGINEERING				
1.	Atheenapandian Private Limited	30.09.2024	Hands On Training, Workshop, Placement	10 Years
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING				
2.	Bhairav Industries	16.08.2024	Skill Development of Industrial Motors And Drives	13 Months

STUDENTS ACHIEVEMENT: (SYMPOSIUM, WORKSHOP,PAPER PRESENTATION AND COMPETITION)

S.NO	DATE	NAME	BATCH	EVENT	TITLE	COLLEGE/ INSTITUTION NAME
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE ENGINEERING						
1.	18.10.24	S.Lakshmi Priya	2023 -2027	Paper Presentation	Real Time Object Detection	Salem College of Engineering and Technology

					Using YOLO and OPENCV	
2.	18.10.24	S.Poojasri	2023 -2027	Paper Presentation	Data Analysis and Interpretation	Salem College of Engineering and Technology
3.	18.10.24	S.Praveen	2023 -2027	Paper Presentation	Game Theory	Salem College of Engineering and Technology
4.	25.10.24	S.Lakshmi Priya	2023 -2027	Paper Presentation	Deep Learning Techniques for Image Recognition.	Ganesh College of Engineering
DEPARTMENT OF BIOMEDICAL ENGINEERING						
5.	30.09. 24	Priyadharshine S	2023 -2027	Workshop	Quality control in medical device calibration	KSR college of engineering
6.		Sathyamalini V				
7.		Sakthi R				
8.		Arthi K				
9.		Atchaya R				
10.		Geetha B				
11.		Harini S				
12.		Ishwarya R				
13.		Kalpana C				
14.		Madhumitha S				
15.		Malini S				
16.		Nathiya M				
17.	Pavithra R					
18.	Prabha P					
19.	Prema M					

20.		Sha Nini V				
21.		Shanmugapriya B				
22.		Sindhu G				
23.		Sivaranjani P				
24.		Soundarya S				
25.	20.12. 24	Pranesh S	2023 -2027	Math Connection	A Man Who Knew Infinity	Annapoorana Engineering College
26.	19.10. 24	Prabha P	2023 -2027	Webinar	Placement Oppurtunities	Tech Vedhu
27.	28.09. 24	Nathiya M	2023 -2027	Paper Presentation	Health Care Technologies	KSR College Of Engineering
28.		Nathiya M				
29.	16.10. 24	Arthi K	2023 -2027	Paper Presentation	Health Care Devices And Technologies	Gnanamani College Of Technology
DEPARTMENT OF CIVIL ENGINEERING						
30.	17.08. 24	P.Nivetha	2022 -2026	Workshop	Applicatio n of AI In Civil Engineerin g	S.A. Engineering College,
31.	24.08. 24	P Nivetha D Nithish Kumar G Muthusamy K Gayathri V Dhivya M Keerthana N Durga Devi G Gopi G M Monikaa V Praveen M Yuvaraj R Sanjay	2022 -2026 & 2023 - 2027	QUIZ	SPACE TECHNOLOGY	NATIONAL WATER ACADEMY

		G M Monikaa V Dhivya				
32.	27.08. 24	Monikaa Jayalakshmi Santhanakumar N G Sathiyamoorthi P Nivetha V Dhivya	2022 -2026	WEBINAR	Flowing Towards Sustainabi lity:Water Treatment For A Greener Future	CIET,COIMBA TORE
33.	27.08. 24	Vivekanandan M	2021 -2025			
34.	27.08. 24	S R Hariharan Kalidas Thirumaran	2021 -2025			
35.	27.09. 24	Gayathri K Dhivya V Nivetha P	2022 -2026	Workshop	3D & 4D IN BIM USING REVIT	K.S.R College of Engineering,Na makkal
36.	27.09. 24	Ramya G	2023 -2027			
37.	11.09. 24	S Senthil Kumar G Sathiyamoorthi Monikaa Jayalakshmi Dhivya V E Arivukarasan Santhanakumar N Vinitha C P Nivetha	2022 -2026	Workshop	Interior Tech Gala Workshop	GUVI
38.	JUL -OCT 2024	P Nivetha Monikaa Jayalakshmi	2022 -2026	NPTEL	Wastewater Treatment And Recycling	NPTEL
39.	27.10. 24	R Sanjay	2023 -2027	Silambam	Silambam(1 st)	Spsshs,Andra Pradesh
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING						
40.	06.08.24 - 07.08. 24	R.Gomathi v.Anuradha J.Hemalatha T.Jayasri	2022 -2026	Paper Presentation	Hack the horizon	VIT,Chennai
41.	09.08. 24	S.Sathish J.UmmaHabiba	2022 -2026	Workshop	Flutter App Development	Kongu Engineering College
42.	19.12. 24	S.Janarthanan	2022 -2026	Speech Competition	Thamilagam	DMK,Salem

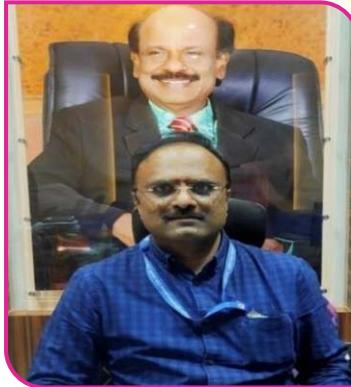
		D.Vetrivel K.Naveena A.Indhumathi T.jayasri J.UmmaHabiba				
43.	08.07.24 - 12.07. 24	Muthazhagan	2022 -2026	Paper Presentation	Data Science and Machine Learning	Indureka a Veranda enterprise
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING						
44.	25.10. 24	Pradeep Kumar M	2022 -2026	Quiz, Debugging, Ppt – Forest Fire Detection System	National Level Technical Symposiu m “Agni”	R P Sarathy Institute Of Technology
		Priyadharshini R		Quiz		
		Roja M		Quiz.		
		Sadhasivam S		Quiz, Debugging, Ppt – Forest Fire Detection System		
		Salomi P		Quiz		
Sridhar G	Quiz, Debugging, Ppt – Switches					
45.	08.11. 24 & 09.11. 24	Pradeep Kumar M	2022 -2026	Mindware Maze – Won	National Level Technical Symposiu m“Techfin ix”	Paavai Engineering College
		Sadhasivam S		Mindware Maze – Won	National Level Technical Symposiu m“Techfin ix”	Paavai Engineering College
		Pradeep Kumar M		Mindware Maze –	National Level	Paavai Engineering

				Won	Technical Symposium "Techfinix"	College
		Sadhasivam S		Project Expo	National Level Technical Symposium "Techfinix"	Paavai Engineering College
DEPARTMENT OF INFORMATION TECHNOLOGY ENGINEERING						
46.	01.01.24	S Devadharshini	2023 -2027	workshop	Python Express 2024:Fast Track to fun coding	Marcello Tech
47.	01.01.24	P BharathKumar	2023 -2027	workshop	Python Express 2024:Fast Track to fun coding	Marcello Tech
48.	18.06. 24	S.Mohammed Arif	2023 -2027	Aptitude Quiz	Innovate and Inspire	K.Ramakrishnan college of Engineering
49.	25.10. 24	M.Jothika	2023 -2027	Quiz, Connection	Vyatka	R P Sarathy Institute of Technology
50.	19.10. 24	S.Mohammed Arif	2023 -2027	Nation Level Competition	Nation Level Competition	Indian Society for Technical Education
DEPARTMENT OF SCIENCE AND HUMANITIES						
51.	20.12. 24	K.Vimalesh	2024 -2028	Paper Presentation	National Mathematics Day	Annaporana Engineering College
DEPARTMENT OF MECHANICAL ENGINEERING						
52.	02.10. 24	Gokul G	2022 -2026	Workshop	Basics of CATIA V5	SKILL LYNC
53.	15.10. 24 to 13.11. 24	Gokul G	2022 -2026	Course	TCS iON Career Edge – Young	TCS Ion

					Professional	
54.	10.10.24	Gokul G	2022 -2026	Course	Product Design Engineering using Fusion	ICTACADEMY
		Harish M				
		Deepanraj M				
		Elango T				
		Gowtham R				
		Mahendhiran K				
		Sridhar K				
		Mahendran P				
		Gowtham R				
		Murugan A				
		Abinash S				
		Sadaiyaoillai				
		Murail Dharan				
		Sakthi V				
		Santhosh Raj S				
		Mathivanan A				
		Sathya Prakash T				
		Soundhar S				
		Naveen Akash R				
Karthikeyan R						
		Nithyanantham M	2021 -2025	Course	Product Design Engineering using Fusion	ICT ACADEMY
		Gokul G				
		Ravisankar K				
		Prakash S				
		Sasikumar M				

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