



ANNAPOORANA ENGINEERING COLLEGE

(An Autonomous Institution)



AEC Chronicle

NEWS LETTER

Volume : 7, Issue : 2

ANNAPOORANA ENGINEERING COLLEGE (Autonomous)



FOUNDER CHAIRMAN & MADAM FOUNDER CHAIRMAN

Annapoorana Engineering College (AEC) was promoted by the famous Thirumuruga Kirupananda 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 institutions and achieve greater recognition.

MISSION

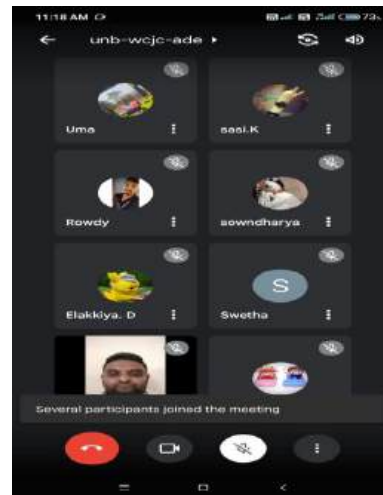
- ❖ Recognition through quality education, research, consultancy and innovation in education.
- ❖ Provide students with the basic and advanced engineering knowledge, interdisciplinary problem solving skills, societal and business issues and self-confidence to excel in their professions and be leaders 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

Seminar on “LATEST TECHNOLOGY IN 3D PRINTING”



A one-day Seminar was conducted by the Department of Automobile Engineering on 10/07/2023 for Students by online meet on the topic “**Latest Technology in 3D Printing**”. Presented by Dr Dr.Dinesh Kumar & Rajendran, Asst. Professor, Mechanical Engineering, NIT SRINAGAR. Mr. N. Navaneetha Krishnan AP/Automobile welcomed the Chief Guest with a short introduction about him. Then the Chief Guest started the session with his presentation and the students learned the following topics are Additive manufacturing, exploring the range of materials used in 3D printing& 3D printing Application. Nearly 40 people participated in the webinar and all are supplied with knowledge and certificate. Then the session is completed with a queries and solutions.

Workshop on “ELECTRICAL VEHICLE COMPONENT”



A one-day workshop was conducted by the Department of Automobile Engineering on 12/02/2024 for Students the topic “Workshop on “ELECTRICAL VEHICLE COMPONENT””. Presented by Dr.R.Duraisamy., ME., Ph.D, Junior Training Officer, Government Industrial Training Institute, Salem. The Chief Guest started the session with his presentation and the following are the things, the students learned in the webinar:

1. Vehicle Control Unit (VCU):
2. Electric Power Steering (EPS)
3. Battery Management System (BMS)

Thus the topic itself shows that the workshop is more informative.Mr. B. Prabhu thanked the Chief Guest for his useful session and the Certificate is distributed to all the Participants. Nearly 40 people participated in the webinar and all are supplied with knowledge and certificate. Then the session is completed with a queries and solutions.

Guest Lecture on “RECENT TRENDS IN AIR CONDITIONING”



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

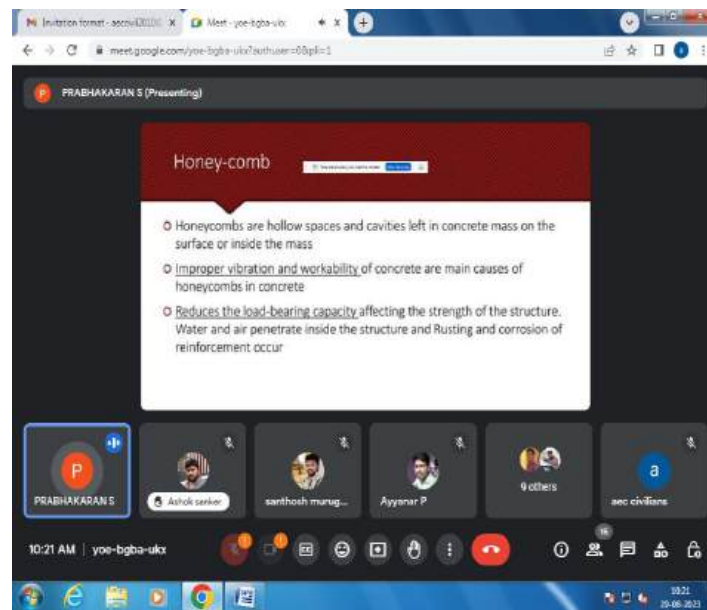
Seminar on “PROJECT TO PRODUCT TRANSFORMATION IDEAS FOR BUDDING ENTREPRENEURS”



On 2nd August 2023, the department of Civil Engineering in association with IIC organized a seminar titled “PROJECT TO PRODUCT TRANSFORMATION IDEAS FOR BUDDING ENTREPRENEURS” was organized by the Institution Innovation Council and Department of Civil Engineering in Dr.A.Shanmugasundaram seminar hall at 10.15 a.m. Interested students from all departments were invited for the event. Prof.R.S.Gandhimathi, Associate Professor & Head of the department was the keynote speaker. She explained the importance of project work and the ways to transform projects to successful products.

Adopting an agile development strategy and a user-centric design approach is one of the most crucial parts of the project to product transformation. Agile development enables ongoing testing, feedback, and iteration, all of which are essential for producing a product that fulfills consumer needs. Understanding consumer goals and pain points enables the development of products that meet those needs. This is possible with the user-centric approach. Mrs.T.Divya proposed the Vote of Thanks for the event.

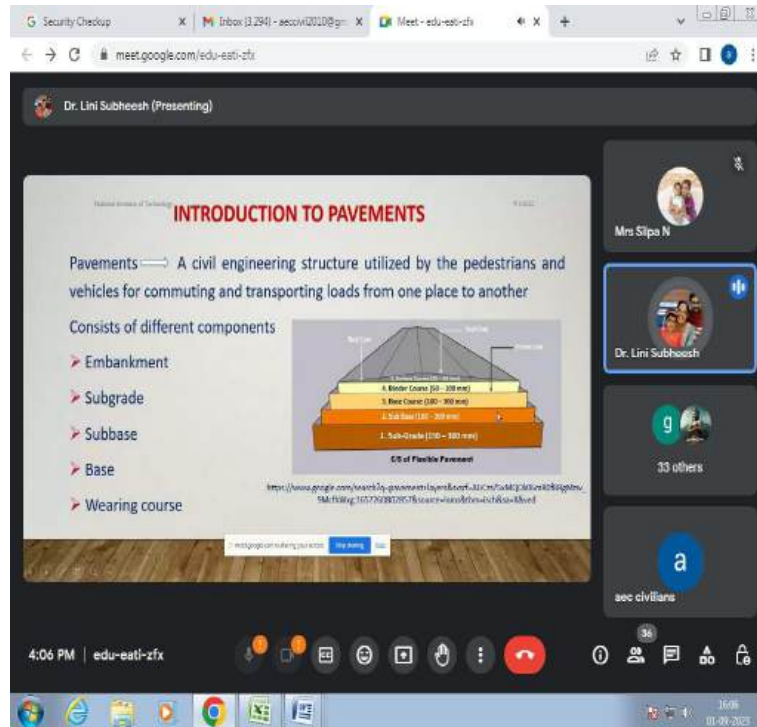
Technical workshop on “FAULTS AND RECTIFICATIONS IN CONCRETE CONSTRUCTION PRACTICE”



The Department of Civil Engineering in association with ICI Salem chapter organized a Technical lecture on Faults and rectifications in concrete construction practice on 29.08.2023 through google meet link. Er.S.Prabhakaran, Managing Director, SPK Designs & Constructions, Salem was the Chief Guest for the event. Dr.R.S.Gandhimathi, HoD welcomed and Dr.A.Anbuchejian, Principal felicitated the gathering.

The main aim of the technical lecture is to get experienced to existing construction practice and challenges faced. Er.S.Prabhakaran, during his speech gave insights about Various types of faults along with remedies were discussed. blisters, cracking, crazing, curling, delamination, discoloration, dusting, efflorescence, low spots, popouts, scaling, or spalling. So it is very important for the civil engineers to ensure good construction practices are followed at every stage of construction to prevent structural damage and failure of the structure. 71 students participated in the event and got benefitted out of it. Mrs.T.Divya proposed the Vote of Thanks for the event.

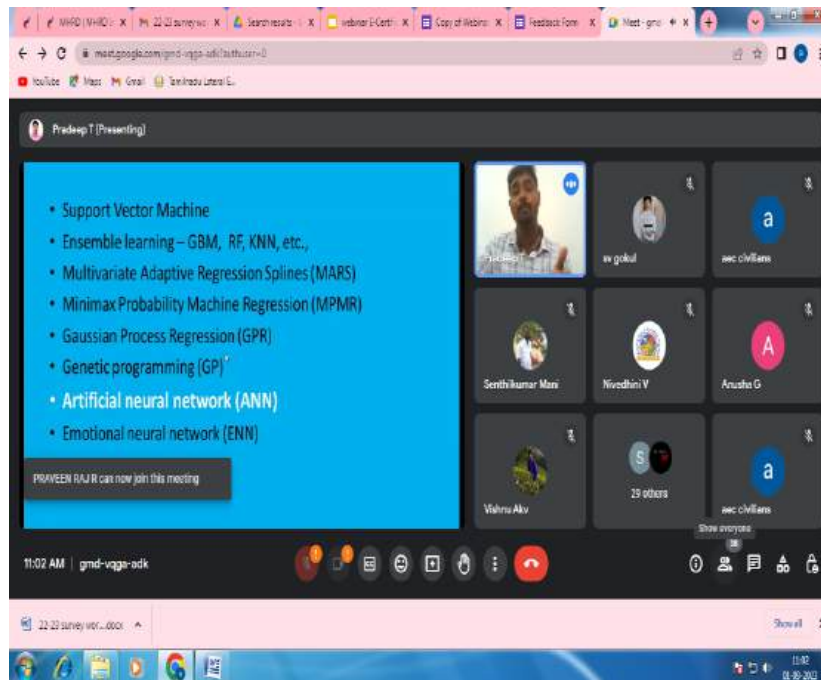
A webinar on “ALTERNATIVE MATERIALS FOR PAVEMENT APPLICATIONS ON GEOTECHNICAL CHARACTERIZATION AND STABILIZATION PROCEDURES”



The Department of Civil Engineering and ICI-Students Chapter has organized a webinar on “Alternative Materials for Pavement Applications on Geotechnical Characterization and Stabilization Procedures” will be conducted on 01.09.2023 Monday, between 03:30 PM to through the Google Meet platform. The lecture in this webinar was given by Dr. Lini Dev. K Assistant Professor Department of Civil Engineering National Institute of Technology, Patna, Bihar. Totally 100 participants attended this event, from various institutions through, the Google Meet link sent to their respective Mail ID’s.

Before that, Dr.R.S.Gandhimathi, Head of the Department, preside over the session and Mrs.N.Silpa, Assistant Professor, gave a welcoming message on the chief guest. Dr. Lini Dev. K gave a talk on “Alternative Materials for Pavement Applications on Geotechnical Characterization and Stabilization Procedures." She talk about Physical and mechanical types of soil stabilization include with five different types of techniques namely; compaction, pre-wetting, wetting-drying cycles, reinforcement and solid wastes.

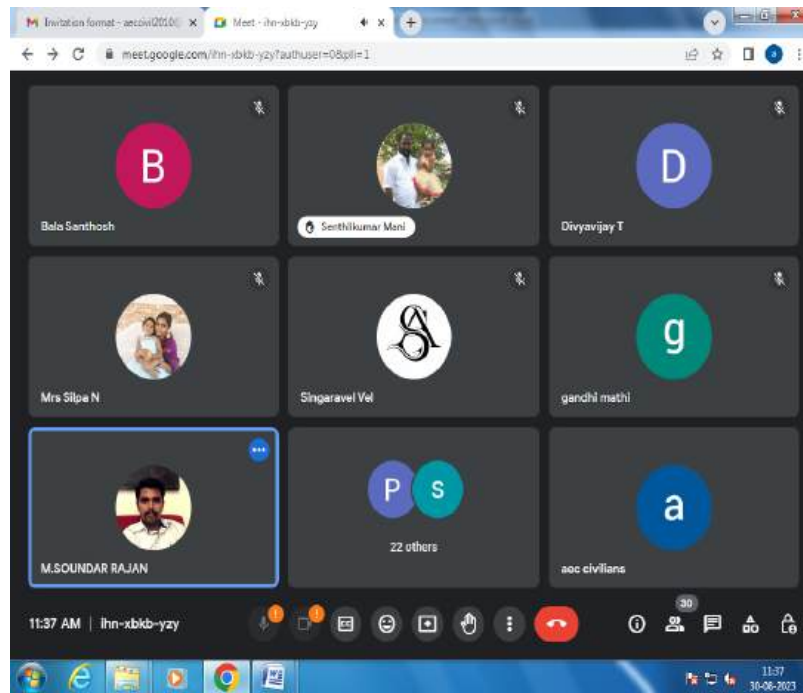
A webinar on “AI IN CIVIL ENGINEERING”



The Department of Civil Engineering and ICI-Students Chapter has organized a webinar on “AI in Civil Engineering” will be conducted on 25/08/2023 Friday, between 10:30 AM, through the Google Meet platform. The lecture in this webinar was given by Dr. Pradeep T Assistant Professor /Civil, Adhoc Faculty, NIT Andhra Pradesh. Totally 50 participants registered for this event, from that 30 participant’s attended the event with the Google Meet link sent to their respective Mail ID’s.

Mrs.R.Renuka, Assistant Professor gave the welcome note and Mrs.T.Divya, Assistant Professor, gave the introductory to the resource person. Dr. Pradeep did a presentation on “AI in Civil Engineering ".He described about the AI solution and challenges by streamlining tasks, reducing errors, and increasing productivity. She gave a special thanks to the Management of Annapoorana Engineering College, Salem, and she the thanked Principal, Dr. A. Anbuhezian, sir the Head of the Department, Dr. R.S. Gandhimathi, other faculty members for their support and thanked students, for their wholehearted involvement in make the event most successful one.

A webinar on “SPECIAL CONCRETE”



The Department of Civil Engineering and ICI-Students Chapter has organized a webinar on “Special Concrete” will be conducted on 30/08/2023 Wednesday, between 11:30 AM to 12:30 PM, through the Google Meet platform. The lecture in this webinar was given by Prof. M.Soundarajan M.E.,(Ph.D), Assistant Professor Department of Civil Engineering, Sengunthar Engineering College (Autonomous), Tiruchengode. Totally 50 participants registered for this event, from that 30 participant’s attended the event with the Google Meet link sent to their respective Mail ID’s.

Mrs.T.Divya, Assistant professor, presided over the session and offered welcome note before introducing the resource person. M.Soundarajan did a presentation on “Special Concrete ”. He quickly described the importance of new materials and how they might be utilised in contemporary building techniques. The speaker largely focused on the differences between important materials such as cement, sand, and fine and coarse aggregate. In their positive reaction, the crowd made passionate reactions and supportive words.

A seminar on “CRITICAL ANALYSIS IN ENTREPRENEURSHIP”



On 30.08.2023, a seminar titled “CRITICAL ANALYSIS IN ENTREPRENEURSHIP” was organized by the Institution Innovation Council and Department of Civil Engineering in Dr.A.Shanmugasundaram seminar hall on 30.08.2023 at 11 a.m. Final and Prefinal year students from all departments were present for the event. Prof.T.Divya, Assistant Professor was the resource person.

People can learn new company management techniques from a global viewpoint and how to employ the newest technology available for humanity's benefit through entrepreneurship in the twenty-first century. The Entrepreneurship Development platform enables business owners to address complicated and difficult business concepts. According to research findings, entrepreneurial competence is a key component of ED and encompasses educational competency, opportunity identification competency, learning competency, personal competency, technical competency, social responsibility competency, ethical competency, and technological and innovation competency.

A Seminar on “HUMAN RESOUCES MANAGEMENT FOR ENTREPRENEURS”



The department of Civil Engineering in association with IIC organized a seminar titled “HUMAN RESOUCES MANAGEMENT FOR ENTREPRENEURS” was organized by the Institution Innovation Council and Department of Civil Engineering in Dr.A.Shanmugasundaram seminar hall on 31.08.2023 at 10.15 a.m. Final year students from all departments were invited for the event. Prof.Silpa.N, Assistant Professor was the guest speaker. In her presentation she told that human resource management has a big role and responsibility in helping entrepreneurs ensure that assumptions and expectations within the organisation drive the right behaviour.The desired outcome for human resource management being that staff align themselves with the organisation’s belief system, values, structure, and take self-directed action to help the organisation reach desired results. Mr.B.Nandhagopal proposed the Vote of Thanks for the event.

Seminar on “ASK IN ENTREPRENEURSHIP”



The department of Civil Engineering in association with IIC organized a Seminar on "Attitude, Skill, Knowledge" in entrepreneurship, presented by Mrs.T. Divya, AP/Civil, on 30.01.2024 at Civil Incubation centre was a transformative session aimed at equipping aspiring entrepreneurs with the essential tools for success. She eloquently emphasized the critical importance of attitude, skill, and knowledge in navigating the complexities of entrepreneurship. She began by stressing the significance of attitude, highlighting traits such as resilience, adaptability, and a growth mindset. She emphasized that a positive attitude is foundational to overcoming challenges and seizing opportunities in the dynamic business landscape

In conclusion, this webinar served as an invaluable resource for aspiring entrepreneurs, offering a holistic understanding of the fundamental elements essential for entrepreneurial success. 32 Participants left the session inspired and equipped with the tools and mindset needed to embark on their entrepreneurial ventures confidently. Mrs.Silpa.N proposed the Vote of Thanks for the event.

Guest lecture on “CONSTRUCTION TECHNIQUES AND ITS TECHNIQUES”



The Department of Civil Engineering organized a Technical Guest Lecture in association with Institutions Innovation Council and Indian Concrete Institute ICI-Students Chapter on the topic “Innovation on Construction Techniques and its Techniques” is conducted on 14.12.2023 Thursday, between 10:00 AM to 01:00 PM at Dr.A.Shanmugasundram Seminar Hall. The lecture was given by Er.M.Boopathi M.E., TCT Associates, Salem. Totally 46 participants attended this event.

Before that, Dr.R.S.Gandhimathi, Head of the Department, preside over the session and Mr.Ayyanar, Assistant Professor, gave a welcoming message on the chief guest. Er.M.Boopathigave a talk on “Construction Techniques and its Techniques.” He discussed about Construction techniques are innovative methods and technologies that are more efficient, sustainable, and safer than traditional construction methods. Adding to that, the audience responded enthusiastically and positively. The expert congratulated the organizers for his opportunity for this guest lecture. Lastly, Dr. S. DhipanAravind thanked everyone for attending the webinar and he thanked the Management, Principal Dr. A. Anbuchejian, and Head of the Department Dr. R.S. Gandhimathi, Department faculties and students for their active participation in making the event successful.

Workshop on “INNOVATIVE THINKING ON WEB TECHNOLOGY AND CLOUD COMPUTING”



The Department of Computer Science and Engineering organized a Two days workshop on “Innovative thinking on Web Technology and C loud Computing” on 30.08.20 and 31.08.23 at Computer Lab 2. Mr.V.Sasikumar,Project Manager/Dev Technologies,Meyyanur,Salem was the Chief Guest for the event. Dr.T.Buvaneswari-Professor/HOD/CSE welcomed and felicitated the gathering. The main aim of the workshop is to provide to participants with a comprehensive understanding of Cloud computing in todays Industry and how it integrates with Web practices.

The training aimed to equip participants with the knowledge and skills needed to efficiently manage cloud resources and implement Web applications with best practices in their organizations. Mr.V.Sasikumar during his speech gave insights about Web Fundamentals, Web Services and Integration, Infrastructure as Cloud computing services. 80 of participant participated in the event and got benefitted out of it. Ms .Hashita of final year proposed the Vote of Thanks for the event.

Five days Training Program on “AI BASED PRODUCT DESIGN”



The Department of Computer Science and Engineering organized a Five days Training Program on “AI BASED PRODUCT DESIGN” on 11.09.2023-15.09.23_ Computer Lab 1 and 2. Dr .A. Athif Shah/Founder CEO, ABE Semiconductor Design, Chennai was the Chief Guest for the event. Dr.A.Anbuchejian - Principal/AEC welcomed and Dr.T.Buvanewari-HOD/CSE felicitated the gathering.

The main aim of the event is to Provide the students a set of concepts, guidelines, and workflows for critically thinking about the design and use of an interactive product, map-based Activities for execution of various projects . The training aimed to equip participants with the knowledge and skills needed to efficiently manage core concepts from Artificial Intelligence based design that is important to cartography and visualization, focusing on issues related to visual design. It also helped them to broader experience of an interaction, a distinction that separates AI based design concepts. Dr .A. Athif Shah during his speech gave insights about AI Applications in Manufacturing. 65 of participant participated in the event and got benefitted out of it. Ms Rithika - IV(CSE) proposed the Vote of Thanks for the event.

Guest Lecture on “ENTREPRENEURSHIP AND MANAGEMENT CONCEPTS”



The Department of Computer Science and Engineering organized a one day Guest lecture on “Entrepreneurship and Management Concepts” (13.10.2023)_at CSE Lab 2: Dr.S. Subhashini Associate Professor/Sand H, Annapoorana Engineering College. was the Chief Guest for the event. Dr.T.Buvaswari-HOD/CSE welcomed and felicitated the gathering.

The main aim of the Guest lecture is to provide the students and participants with a comprehensive understanding of the principles of Management studies and its practices in their real time executable applications. The program engaged the participants with the knowledge and skills needed to efficiently manage best practices in their organizations and to overcome all kind of management studies in their life. Dr.S. Subhashini during his speech gave insights about

10 Key Concepts in Entrepreneurship explained are :

- Risk-taking Concept.
- Organization Concept.
- Vision Concept.
- Creativity Concept.

57 of participant participated in the event and got benefitted out of it. Mrs. R.Uma Mageswari proposed the Vote of Thanks for the event.

One-day Training Program on “AWS AND DEVOPS”



The Department of Computer Science and Engineering organized a One-day Training Program on “AWS and Devops” on 18.10.2023 at CSE LAB 2. Mr.G. Vishnu-Devops Engineer/MNP Technologies, Bangaluru, Karnataka. was the Chief Guest for the event. Dr.T.Buveneswari-HOD/CSE welcomed and felicitated the gathering.

The main aim of the provided participants with a comprehensive understanding of Amazon Web Services (AWS) and how it integrates with DevOps practices. The training aimed to equip participants with the knowledge and skills needed to efficiently manage cloud resources and implement DevOps best practices in their organizations. Mr.G. Vishnu during his speech gave insights about AWS Fundamentals, AWS Services and DevOps Integration, Infrastructure as Code (IaC). 90 of participant participated in the event and got benefitted out of it. R.Uma Mageswari-AP/CSE proposed the Vote of Thanks for the event.

One-day Guest Lecture on “INNOVATIVE THINKING ON SOFTWARE ENGINEERING”



The Department of Computer Science and Engineering organized One-day Guest Lecture on “Innovative Thinking on Software Engineering” on 19.10.2023 at Internet Lab. Dr.T. Buvanewari Professor/HOD/CSE, Annapoorana Engineering College was the Chief Guest for the event. R.Uma Mageswai-AP/CSE welcomed and felicitated the gathering.

The main aim of the Guest lecture is to provide the students and participants with a comprehensive understanding of the software Engineering studies and its practices in their real time executable applications.

The program engaged the participants with the knowledge and skills needed to efficiently manage best practices in their organizations and to overcome all kind of soft skill studies in their life.

Dr.T. Buvanewari during his speech gave insights about the 7 Phases Of SDLC (Software Development Life Cycle). 60 of participant participated in the event and got benefitted out of it. Ms.G.Aasaipriya proposed the vote of Thanks for the event.

One-day Seminar on “AMAZON WEB SERVICES”



The Department of Computer Science Engineering organized a one day seminar on “AMAZON WEB SERVICES ” on 20.10.2023 at Computer Science lab 2 . Mr.Ashok/Software developer/Ascent Technologies, Bangaluru, Karnataka was the Chief Guest for the event. Dr.T.Buvanewari-HOD/CSE welcomed and felicitated the gathering.

The main aim of the seminar is to provide participants with a comprehensive understanding of Amazon Web Services (AWS) . The training aimed to equip participants with the knowledge and skills needed to efficiently manage cloud resources and implement best practices in their organizations Mr.Ashok during his speech gave insights about AWS Fundamentals.AWS Cost Management’Containerization and Orchestration.80 of participant participated in the event and got benefitted out of it. Ms.Malathy proposed the Vote of Thanks for the event.

Guest lecture on “CONCEPTS AND APPLICATIONS OF DATA STRUCTURES”



The Department of Computer Science and Engineering organized a one day Guest lecture on “Concepts and Applications of Data Structures on 30.11.2023 at Dr.A.Sanmugasundaram Seminar Hall.Mr.S.A.Althaf Ahamed ,Assistant Professor,-CSE/Dhirajlal Gandhi College of Technology, Salem was the Chief Guest for the event. Mrs N.Radha welcomed and felicitated the gathering. The main aim of the Guest lecture is to provide the students and faculties an effective concepts and outputs in Data structures used in today’s life for many calculations. Mr.S.A.Althaf Ahamed during his speech gave insights about. 60 of participant participated in the event and got benefitted out of it. Ms. Kaviya proposed the Vote of Thanks for the event.

Hands-on training report “PROBLEM SOLVING APPROACHES BY USING PYTHON”



The Department of Computer Science and Engineering organized a one day HANDS-ON TRAINING REPORT “PROBLEM SOLVING APPROACHES BY USING PYTHON” on 29.12.2023 at AEC Drawing Hall. Ms. VANI RAVI/ SOFTWARE DEVELOPER/RHEINBRUCKE IT CONSULTING/CHENNAI were the Chief Guest for the event. Mrs.N.Radha ASP/CSE welcomed and Mrs.A.Saranyadurai felicitated the gathering.

The main aim of the HANDS-ON TRAINING is to provide not only theoretical knowledge but also hands on training program in python programming language. Ms. Vani Ravi during his speech gave insights about python role in Industry, Usage of functions, Write Coding for the real time problems.150 of participant participated in the event and got benefitted out of it. Mr.G.S.SanthoshPradeep of First year AIDS proposed the Vote of Thanks for the event.

Workshop on “UNVEILING THE SECRETS OF ETHICAL HACKING”



The Department of Computer Science and Engineering organized a one day National Level Technical workshop on UNVEILING THE SECRETS OF ETHICAL HACKING on 9.01.2024 at AEC Drawing Hall. Mr.Hidayath Husen/Network and System Associate/NTT data service/Bangalore was the Chief Guest for the event. Dr.T.Buvanewari HOD/CSE welcomed and Mrs.N.Radha ASP/CSE felicitated the gathering.

The main aim of the workshop is to equip participants with the knowledge and skills needed to identify potential security weakness and recommended measure to improve the overall security and implement best practices in their organizations. Mr.Hidayath Husen during his speech gave insights about Reconnaissance; scanning, gaining and maintaining access.121 of participant participated in the event and got benefitted out of it. Mrs.A.Saranyadurai AP/CSE proposed the Vote of Thanks for the event.

PLACEMENT TRAINING PROGRAM FROM 22.01.2024 TO 14.02.24



The Department of Computer Science and Engineering organized a 19 days Placement Training Program from 22.01.2024 to 14.02.24 at Dr.A.Shanmugasundaram Seminar Hall. Ms, Rajeeve Dharmaraj Technical Trainer, ICT and Ms K.Kiruthika, Soft Skill Trainer, ICT were the resource person for the 130 hours training program. Dr.A.Anbuchejian -Principal/AEC welcomed and felicitated the gathering.

The main aim of the training program was scheduled for duration of 130 hours, out of which 30 hours were allotted for soft skill training, 100 hours for technical training, Group Discussion & Mock Sessions.

The modules for soft skills training included areas such as business communication, personal communication, English grammar, vocabulary & accent. And with regard to technical skill training, the modules covered included hardware & networking, Microsoft Azure AI, AI fundamentals, and Machine Learning. Ms, Rajeeve Dharmaraj Technical Trainer, ICT and Ms K.Kiruthika, Soft Skill Trainer, ICT were the resource person for the 130 hours training program.

50 participants participated in the event and got benefitted out of it. Dr.T.Buvaneswari, PROFESSOR/HOD/-ICT Academy Institute coordinator, Coordinated throughout the training program and made this event a grant Success.

Guest lecture on “REQUIREMENTS ANALYSIS AND SPECIFICATION”



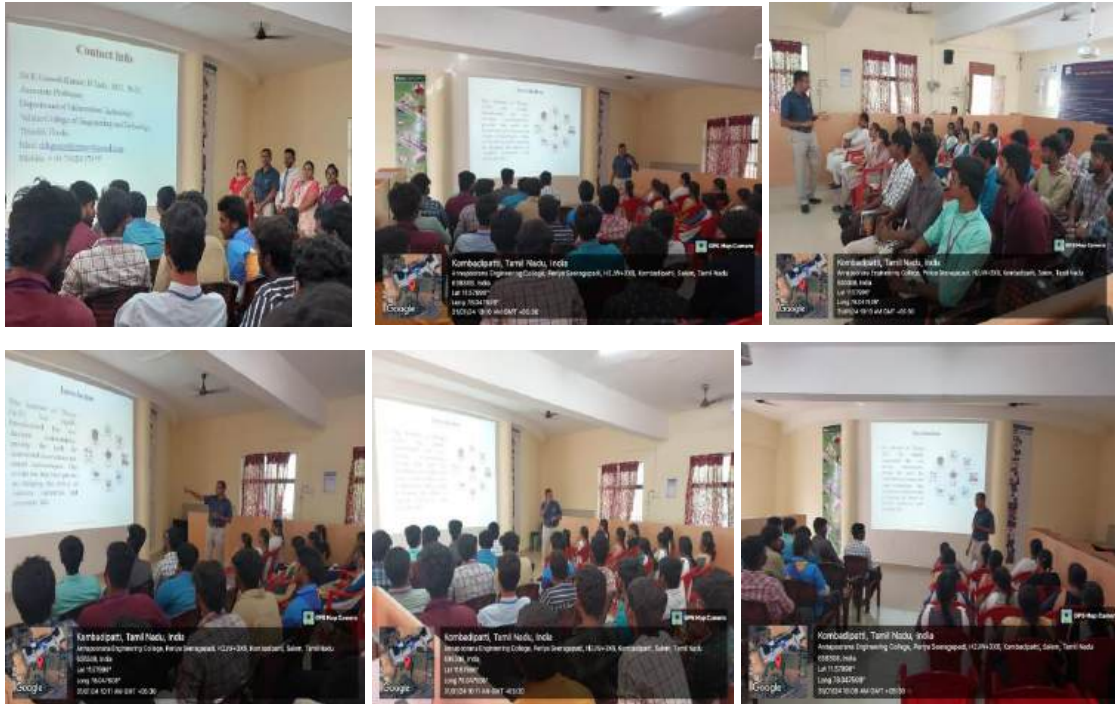
The Department of Computer Science and Engineering organized a One day guest Lecture on “Requirements Analysis and Specification” on 30.01.2024 at Dr.A.Shanmugasundaram Seminar Hall. Ms.s.Sinduja -Assistant Professor/CSE/VivekandhaCollege of Engineering for Women, Tiruchengode was the Chief Guest for the event. Mr.M.Mailsamy-ASP/CSE welcomed and felicitated the gathering.

The main aim of the Guest lecture is to provide information’s about Requirement Analysis which is also called requirements engineering. It is a process that is used to understand the needs and expectations of a new product or service. This process involves analysing, documenting, validating, and managing the requirements.

In this process, all the stakeholders, software developers, end-users, and customer managers need to contribute with their understanding of the product. This is mostly done at the beginning of the project to ensure the final product meets the expectations.

The requirements of a project should be testable, actionable, documented, measurable and traceable. Ms.S.Sinduja during his speech gave insights about The requirements of a project should be testable, actionable, documented, measurable and traceable.60 of participant participated in the event and got benefitted out of it. Mrs N.Radha -ASP/CSE proposed the Vote of Thanks for the event.

Guest lecture on “STARTUP ON COMPONENTS IN INTERNET OF THINGS”



The Department of Computer Science and Engineering organized one-day guest lecture on “Startup on Components in Internet of Things” on 31.01.2024 at IIC LAB of cse Dr.K. GaneshKumar-ASP/IT, Vellalar College of Engineering and Technology-Thindal was the Chief Guest for the event. Mr.K.Thangadurai-ASP/CSE welcomed and felicitated the gathering.

The main aim of the Guest lecture is to provide the students data about IOT. Internet of Things can include anything with a sensor that is assigned a unique identifier (UID). They were thought the primary goal of the IoT is to create self reporting devices that can communicate with each other. Dr.K. GaneshKumar during his speech gave insights about

What are the benefits of IoT?

- Real-time asset/resource visibility.
- Reduced costs.
- Improved operational efficiency.

60 of participant participated in the event and got benefitted out of it. G.Suganya-AP/CSE proposed the Vote of Thanks for the event.

Webinar on “SMART SYSTEM DESIGN IN IOT”



Webinar on “Smart System Design in IoT” organized by the Department of Electronics and Communication Engineering on 31.07.2023 from 11.30 am , through Google Meet App.The resource person Dr. K. Amudha, Prof/ECE, Kongunadu College of Engineering and Technology was greeted by Dr. B.Ramesh, Associate Professor/ECE/HOD at Annapoorana Engineering College, who also gave a brief introduction to her credentials.Resource PersonDr. K. Amudha briefly explained the Smart System Design in IoT, the Internet of Things, meaning factories can wirelessly connect several thousands of smart devices like cameras and sensors to automatically collect data in real-time. The factories can analyze and process this data to make operations more efficient and cost-effective.

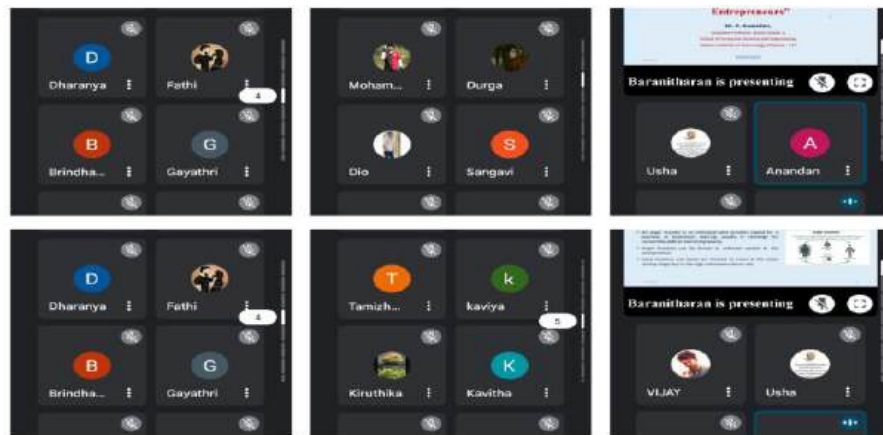
Seminar on “INNOVATION IN 5G”



Seminar on “Innovation in 5G” organized by the Department of Electronics and Communication Engineering on 08.08.2023 from 10.00 am at Viswesvaraya Seminar Hall.The resource person Dr. B. Ramesh, Associate Professor, HoD /ECE, Annapoorana Engineering College was greeted by

Dr.V.NAGARAJ, Assistant Professor/ECE at Annapoorna Engineering College, who also gave a brief introduction to his credentials.Resource Person Dr. B. Ramesh briefly explained the Innovation in 5G, 5G mobile networks are an opportunity for manufacturers to create hyper-connected smart factories. 5G supports the Internet of Things, meaning factories can wirelessly connect several thousands of smart devices like cameras and sensors to automatically collect data in real-time. The factories can analyze and process this data to make operations more efficient and cost-effective. For example, smart sensor technology can make accurate predictions about equipment lifecycles, inform planning decisions, and predict when machines need maintenance.

Webinar on “BULK CALIBRATION METHOD OF MICRO ELECTRO MECHANICAL SYSTEM”



Webinar on “Bulk Calibration Method of Micro Electro Mechanical System” organized by the Department of Electronics and Communication Engineering on 28.08.2023 from 10.30 am through Google meet .The resource person Dr. Baranitharan P, Assistant Professor, Department of Automobile Engineering SRM Easwari Engineering College was greeted by G.Kavitha, Assistant Professor/ECE at Annapoorna Engineering College, who also gave a brief introduction to his credentials.Resource Person Dr. P. Baranitharan briefly explained the Bulk Calibration Method of Micro Electro Mechanical System, Micro-electro-mechanical system (MEMS) is a micro-system that integrates micro-sensors, micro-actuators, micro-mechanical structures, micro-power supply, and high-performance electronic integrated devices.Vote of gratitude from M.Suganya AP / ECE, to the resource person, the department head for inspiring us to plan a beautiful session, and all the attendees for their enthusiastic involvement.

Seminar on “VECTOR ANALYSIS”



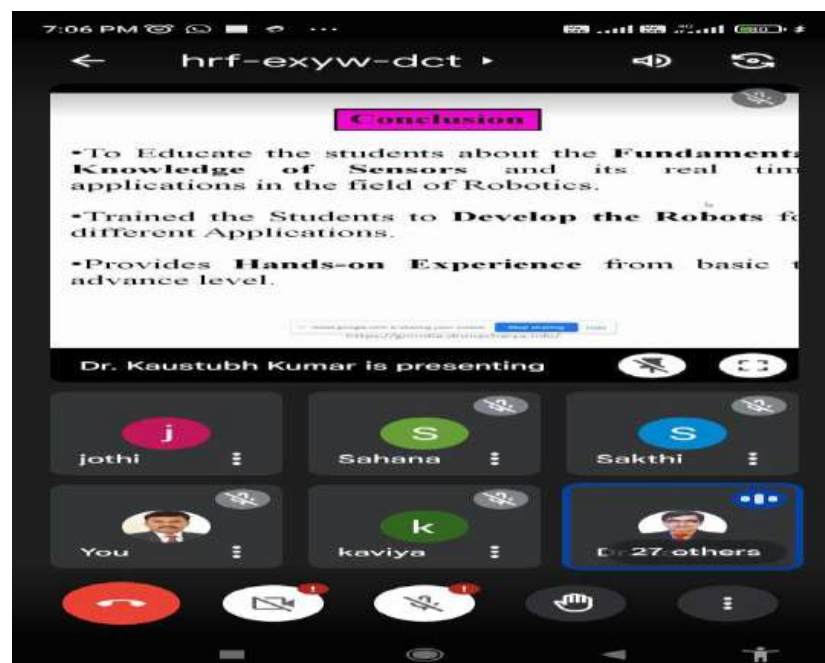
One day Seminar on “Vector Analysis” organized by the Department of Electronics and Communication Engineering on 13.09.2023 from 10.30 am at Dr. Shanmuga Sundaram Seminar Hall. The resource person Dr.R.VENKATESH, Professor & HOD, Annapoorana Engineering College was greeted by S.Devipriya, Assistant Professor/ECE at Annapoorana Engineering College, who also gave a brief introduction to his credentials. Resource Person Dr.R.VENKATESH briefly explained that the Vector analysis is an analysis which deals with the quantities that have both magnitude and direction. Vector calculus deals with two integrals such as line integrals and surface integrals. Vote of gratitude from G. Kavitha AP / ECE, to the resource person, the department head for inspiring us to plan a beautiful session, and all the attendees for their enthusiastic involvement.

Guest Lecture on “ANALYSIS ON IMAGE COMPRESSION USING BIT-PLANE SEPARATION METHOD”



Guest Lecture on “Analysis on Image Compression Using Bit-Plane Separation Method” organized by the Department of Electronics and Communication Engineering on 21.09.2023 from 10.30 am at Dr. Shanmuga Sundaram Seminar Hall. The resource person Dr. D. Murugesan, Associate Professor, Dept. of Biomedical Engineering was greeted by Dr. B. Ramesh, HOD/ECE at Annapoorana Engineering College, who also gave a brief introduction to his credentials. Resource Person Dr. D. Murugesan briefly explained the analysis on Image Compression Using Bit-Plane Separation Method, Image encryption plays a major role in information security. It is mainly used to convert the original image into another form. In this work, we propose a bit plane slicing of digital image to provide the more security. It focuses on three techniques such as image scrambling, bit plane slicing and image rotation for efficient image encryption. Vote of gratitude from G. Kavitha AP / ECE, to the resource person, the department head for inspiring us to plan a beautiful session, and all the attendees for their enthusiastic involvement.

Webinar on “CIRCUITS AND DEVICE MODELING BASED ON SENSOR TECHNOLOGY”



A Webinar on “Circuits and Device Modelling based on Sensor Technology” organized by the Department of Electronics and Communication Engineering on 23.09.2023 between 10.00 a.m. to 12.30 p.m. through Google meet. Google Link: <https://meet.google.com/hrf-exyw-dct>

The Resource Person Dr.Kaustubh Kumar Shukla,Assistant Professor, Dronacharya Group of Institutions,Greater Noida, Delhi. was greeted by Dr.B.Ramesh, HOD/ECE at Annapoorana Engineering College. Mrs.J.Jothilakshmi ASP gave a brief introduction about Guest speaker's credentials.Resource Person Dr.Kaustubh Kumar Shukla briefly explained Sensors. He also gave the detailed information about Robotics. In his speech he mentioned list of open source software's in this field. Nearly 40 students from various department were attended the session and enrich their knowledge in the field of Sensor Technology.

Workshop on “MATLAB”



“Workshop on MATLAB” organized by the Department of Electronics and Communication Engineering on 12.10.2023 & 13.10.2023 through the Google meet.The resource person Mr. B.Vinothkumar, ME.,(Ph.d), Assistant Professor, Department of ECE, KSRIET was greeted by Dr. B. Ramesh, HOD/ECE at Annapoorana Engineering College, who also gave a brief introduction to his credentials.Resource Person Mr. B.Vinothkumar briefly explained the MATLAB combines a desktop environment tuned for iterative analysis and design processes with a programming language that expresses matrix and array mathematics directly. It includes the Live Editor for creating scripts that combine code, output, and formatted text in an executable notebook.

Vote of gratitude from G. Kavitha AP / ECE, to the resource person, the department head for inspiring us to plan a beautiful session, and all the attendees for their enthusiastic involvement.

Seminar on “REVIEW OF 5G ADVANCED SERVICE”



One day Seminar on “Review of 5G Advanced Services” organized by the Department of Electronics and Communication Engineering on 19.01.2024 from 10.00am at Visweswaraya seminar hall. The resource person Dr. M.CHITRA, Assistant Professor of ECE, Mahendra Engineering College, Namakkal was greeted by Dr. B. Ramesh, HOD/ECE at Annapoorana Engineering College, who also gave a brief introduction to her credentials. Introduction Speech was given by DINESH S, III/ECE, to the resource person.

Resource Person Dr. P. Padmaloshani briefly explained in her speech that currently, mobile technology is playing a crucial role and is evolving very quickly. With the rise in demand come a larger user experience and a greater data rate. It supports higher data speeds, greater coverage with throughputs, with shorter transmission and reception times. Nearly 87 percent of students from various department were attended the session and enrich their knowledge.

A One Day Seminar on “FUTURE OF AI – OPPORTUNITY AND CHALLENGES”



A One Day Seminar on “FUTURE OF AI – OPPORTUNITY AND CHALLENGES”

Organized by the department of EEE on 14.08.2023 between 11.00 a.m. -12.30 p.m. Dr.A.Anbuchejian, Principal, Annapoorana Engineering College has presided over the Workshop with the warm welcome to the resource person and the participants. Dr.R.Venkatesh, HOD/EEE welcomed Mr.M.Sugumaran, Assistant Professor/EEE, Sona College of Technology, Salem and the participants.

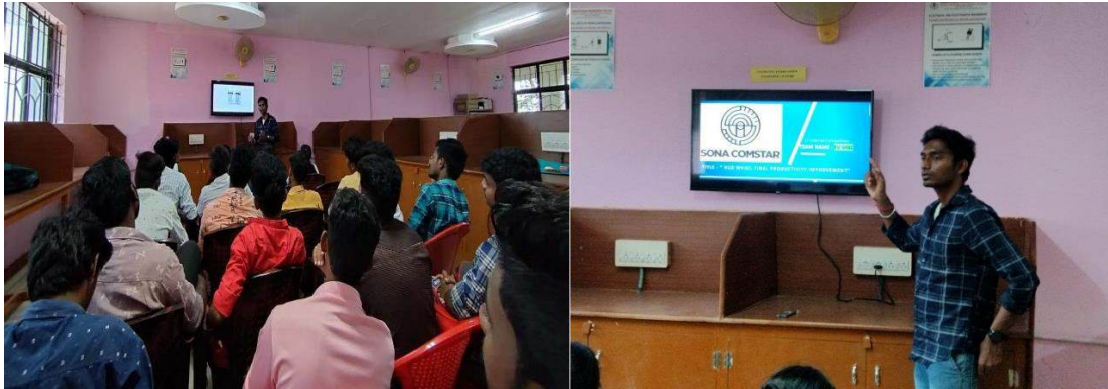
In this session, he explained about to create an awareness among the students about future of Artificial Intelligence, its scope and opportunities. He explained about benefits and important of AI. He also explained the challenges and future of AI. He gave lot of ideas about the applications used in AI and also stressed the importance of the opportunities of AI in future. It was highly interactive session for participants. Dr.R.Venkatesh, Professor & Head/EEE proposed the vote of thanks to the resource people and the participants.

Guest lecture on “POWER QUALITY MITIGATION TECHNIQUES



A One Day Guest lecture on “POWER QUALITY MITIGATION TECHNIQUES” organized by the department of EEE on 22.09.2023 between 10.00 a.m. -12.30p.m. Dr.A.Anbuchejian, Principal, Annapoorana Engineering College has presided over the Guest Lecture with the warm welcome to the resource persons and the participants. Dr.R.Venkatesh, HOD/EEE welcomed Dr.T.Kokilavani, Associate Professor/EEE, SKCET, Coimbatore and the participants. In this session the resource person was focused about the Necessity of power quality audit, power quality issues and mitigation techniques. Power quality problems can include interruptions, sags, switching transients, harmonic distortion, and poor power factor. Finally she concluded with benefits. It was highly interactive session for participants. Dr.R.Venkatesh, Professor & Head/EEE proposed the vote of thanks to the resource people and the participants.

Seminar on “RECENT ADVANCEMENTS IN ELECTRIC VEHICLE TECHNOLOGY”



A One Day Seminar on “RECENT ADVANCEMENTS IN ELECTRIC VEHICLE TECHNOLOGY” organized by the department of EEE on 13.10.2023 between 01.00 p.m. - 03.30p.m. Dr.A.Anbuchejian, Principal, Annapoorana Engineering College has presided over the Workshop with the warm welcome to the resource person and the participants.

Dr.R.Venkatesh, HOD/EEE welcomed Mr.J.Chandran, Alumni-Annapoorana Engineering College, Sona Comstar Chennai Pvt Ltd, Chennai and the participants. In this session he explained the Greenhouse gas (GHG) emissions are one of the major problems that the world is facing nowadays. The transportation sector, where vehicles run on oil, contributes a large amount of GHG. The development of electric vehicles to meet the allowed GHG limits has recently been the main focus of research worldwide. Research in electric vehicles (EVs) has observed a tremendous upsurge in recent years. It was highly interactive session for participants.

Workshop on “ELECTRICAL SAFETY IN BUILDING (WIRE & CABLES)”



A One Day Workshop on “ELECTRICAL SAFETY IN BUILDING (WIRE & CABLES)” organized by the department of EEE on 13.10.2023 between 01.00 p.m. -03.30p.m. Dr.A.Anbuchejian, Principal, Annapoorana Engineering College has presided over the

Workshop with the warm welcome to the resource person and the participants.

Dr.R.Venkatesh, HOD/EEE welcomed Mr.V.Suganthan, Project Consultant(Tamil Nadu), International Copper Association India and the participants. In this session the resource person was focused about the Necessity of electrical safety in various circumstances and also in buildings. Also practically he explained about Wires & Cables. Finally he concluded with applications and safety protocols. It was highly interactive session for participants. Dr.R.Venkatesh, Professor & Head/EEE proposed the vote of thanks to the resource people and the participants.

Workshop on “POWER ELECTRONICS IN REAL-TIME INDUSTRIAL APPLICATIONS”



A One Day Workshop on “POWER ELECTRONICS IN REAL-TIME INDUSTRIAL APPLICATIONS” Organized by the department of EEE on 07.12.2023 between 03.30 p.m. - 04.30 p.m. Dr.A.Anbuchejian, Principal, Annapoorana Engineering College has presided over the Workshop with the warm welcome to the resource person and the participants. Dr.R.Venkatesh, HOD/EEE welcomed Mr. P.Manivanan (Alumini-Annapoorana Engineering College) Electrical Engineer, Arthanari Clothing Pvt ltd and the participants.

In this session, he explained about the power electronics role in real-time industrial applications and use of industrial automation, robotics, and power generation systems. He explained its role in automobile industry in engine control and car-entertainment systems. It is used in utility systems like boiler feed pumps, high voltage DC transmission, static circuit breakers, and smart grid systems. Dr.R.Venkatesh, Professor & Head/EEE proposed the vote of thanks to the resource people and the participants.

FDP ON “PRODUCT DESIGN ENGINEERING USING AUTODESK FUSION 360”



Department of Mechanical Engineering in association with ICT Academy Organizes Five days Faculty Development Program on “PRODUCT DESIGN ENGINEERING USING AUTODESK FUSION 360” From 09.10.2023 to 13.10.2023 at Annapoorana Engineering College. The

Technical part of the FDP was covered by Mr.S.R.DEVIYAPRASANTH, Lead-Technical Trainer, ICT Academy. The programme commenced with the lighting of the Ceremonial lamp by Dr.A.Anbuchejian Principal, Dr.S.Subhashini Director-Academics, Dr.J.Sivakumar HOD/Mech, Dr.C.T.Buvaneswari HOD/CSE. Dr.J.Sivakumar HOD/Mech, introduced the guests and welcomed the gathering. After Inaugural ceremony, Mr.S.R.Deviyaprasanth conducted a highly interactive session on Fusion 360, a cloud-based 3D CAD/CAM tool for product development that combines industrial and mechanical design, collaboration, and machining in a single package. The tools in Fusion 360 enable fast and easy exploration of design ideas with an integrated concept-to-production toolset. Fusion 360 is natively written for both Mac and PC, allowing you to use your preferred OS or both. In the beginning of the FDP Mr.S.R.Deviyaprasanth introduces the participants with the basic of Computer Aided Design in the respect of fusion 360. He explained about software used, the scope in designing field and about the industry scope. Then in practice session, he introduced to the basics of the software “Autodesk Fusion 360” like how to draw lines, circles, splines and all other sketching tools. After that he gave various types of exercises to draw models in 3-D using different tools.

In this FDP 30 staff members from various Institutions were participated. Certificates were distributed to all the participants. It helped the staff members to develop their skills and subject knowledge on CAD/CAM. Mr.E.Hariharan, AP/Mech congratulated all the participants and organizers for successful completion of FDP and proposed the vote of thanks.

EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION TO “METTUR THERMAL POWER STATION”



Institute Innovation Council has arranged one day Industrial visit on “EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION TO METTUR THERMAL POWER STATION”

which was held on 30.10.2023 from 10.30 A.M. Industrial Visits are an integral part of curriculum, to help students become well-acquainted with real working environments. Industrial Visits generate excitement among students as they get opportunity to learn something outside the boundary of their college walls, towards this, Mechanical Department organized an Industrial Visit to Mettur Thermal Power Station for our 45 students. This visit gave an excellent opportunity for the visiting students to learn things practically in a real-time functional environment through interactions, witnessing the working methods and clarifying their doubts with experienced engineers of the power station.

Students were first allowed to see the central control room, where a clear explanation about the working of plant was given by the employees. Then under the guidance of the employees, students were taken to different sections of the plant to observe diverse operations in a power plant. The students were explained how the coal is powdered before feeding it to the boilers. Different processes like water treatment for generation, combustion process that includes the operation of diesel gun, oil gun and powdered coal, the steam turbine operation etc., were thoroughly explained. The state of the art construction and technologies awed the visiting delegation. The students had a great experience in visiting the plant and got an insight of the actual working of the thermal power plant.

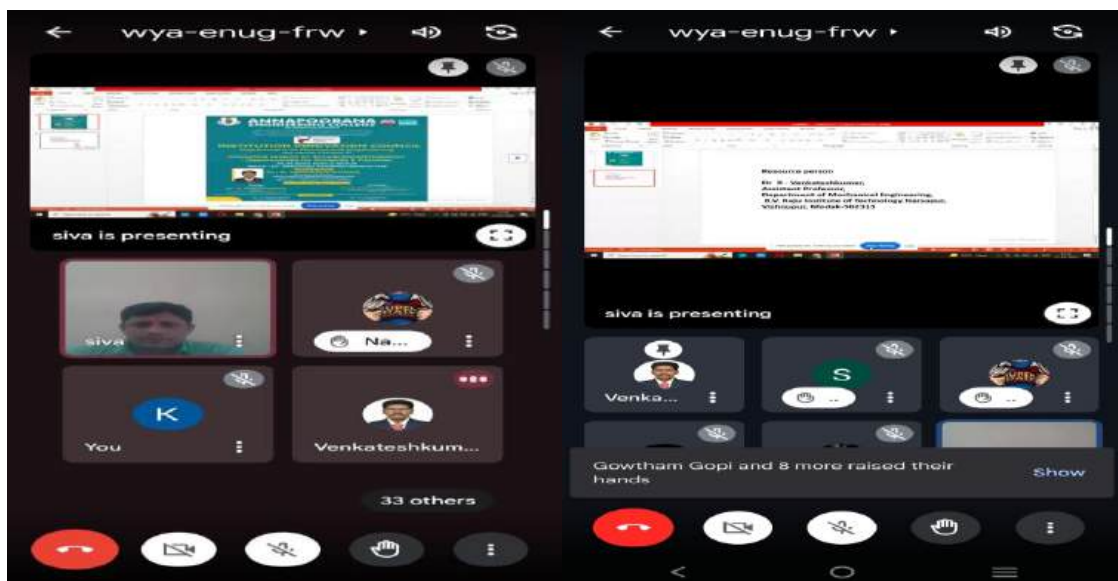
Seminar on “ORGANIZATIONAL INNOVATION”



Institute Innovation Council and Department of Mechanical Engineering has arranged Seminar on Organizational Innovation which was held on 18.12.2023 from 10.30 A.M. Nearly 50 Students and 10 Faculty members from Annapoorana Engineering College participated in the Seminar. Mr.J.Boopathi, Innovation Ambassador / IIC, Assistant Professor / MECH, Annapoorana Engineering College was the honourable speaker for the session.

The importance of innovation manager who is a professional whose tasks include the creation of new products and services in order to expand a company's offering and also provide a solution for consumer issues and demand was explained. Career preparation and work-based learning is experience and instruction that occurs in the community, or brings community partners to the classroom, to help youth develop confidence in making informed choices about their future employment goals. The importance of career preparation was enumerated.

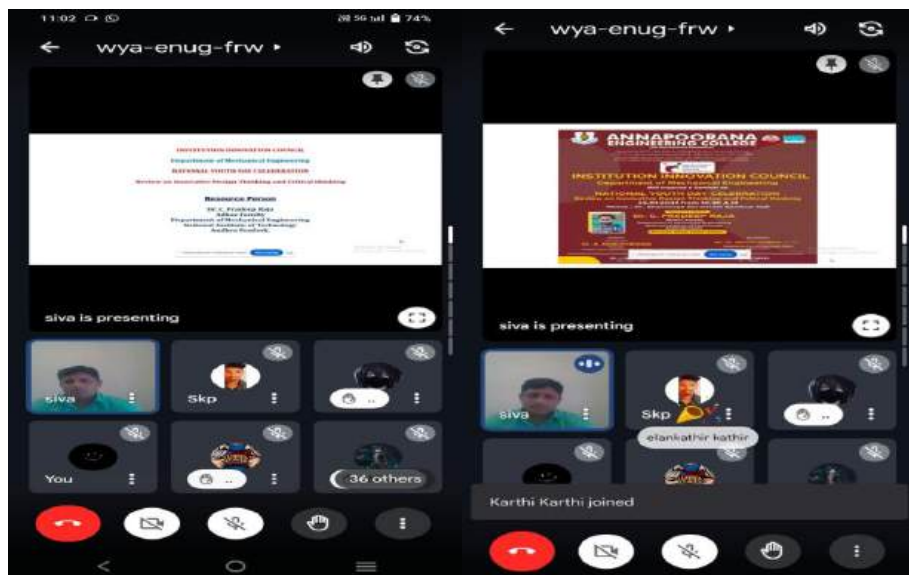
Seminar on “INNOVATIVE SESSION ON ACCELERATORS/INCUBATION-OPPORTUNITIES FOR STUDENTS & FACULTIES”



Institute Innovation Council has arranged one day online Seminar on “Innovative Session on Accelerators/Incubation-Opportunities for Students & Faculties” which was held on 19.01.2024 from 02.30 P.M. Nearly 50 Students and 15 Faculty members from Annapoorana Engineering College and various others colleges participated in the Seminar. All the participants got various details about Review on Innovative Session on Accelerators/Incubation-Opportunities students & staffs for all areas.

Focal point of the discussion was the concept and purpose of accelerators and incubators for the growth of start-ups. Dr.R.Venkateshkumar is also in-sighted on the idea of accelerators in business—the advantages of accelerators and incubators. Further, the primary distinction between incubators and accelerators was discussed in-depth with the students.

Seminar on “REVIEW ON INNOVATIVE DESIGN THINKING AND CRITICAL THINKING”(National Youth Day Celebration)



Institute Innovation Council has arranged one day online Seminar on “Review on Innovative Design Thinking and Critical Thinking” which was held on 24.01.2024 from 10.30 A.M. Nearly 60 Students and 10 Faculty members from Annapoorana Engineering College and various other colleges participated in the Seminar. All the participants got various details about Review on Innovative Design Thinking and Critical Thinking all process.

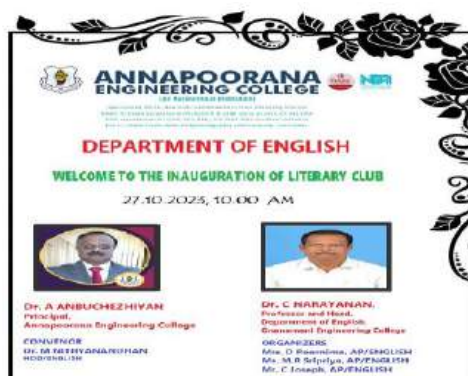
All were explained about the steps involved in the Design thinking offers innovation the upgrade it needs to inspire meaningful and impactful solutions. Design thinking is a non-linear, iterative process that teams use to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test. It is most useful to tackle ill-defined or unknown problems and involves five phases: Empathize, Define, Ideate, Prototype and Test. Critical thinking involves analyzing and evaluating information, arguments, and evidence to arrive at logical conclusions.

Workshop on “IMPORTANCE OF LISTENING SKILLS”



The Department of English organized a workshop on Importance of Listening Skills on 25.11.2023 at Dr.A.Shanmuga Sundaram seminar hall. Dr.T.Ravindran, Professor, Department of English, Annapoorna Engineering College was the resource person for the workshop. DR.K.Akilandeswari proposed the welcome address and Dr.A.Priyanga felicitated the gathering. The main aim of the workshop on the importance of listening skills is to enhance the students' ability to actively and effectively listen which involves understanding, interpreting and responding appropriately to spoken communication. During his speech, the resource person emphasized the need for developing better listening skills to enhance overall communication. About 60 students participated in the inauguration and got benefitted out of it. Mr.M.Nithyananthan proposed the vote of thanks.

ENGLISH LITERARY CLUB INAUGURATION



The Department of English inaugurated the English Literary Club on 27.10.2023 at Dr.A.Shanmuga Sundaram seminar hall. Dr.C.Narayanan, Professor and Head, Department of English, Gnanamani Engineering College was the chief guest for the inauguration. Dr.K.Akilandeswari proposed the welcome address and Dr.A.Priyanga felicitated the gathering. The main aim of the inauguration is to provide the students with numerous opportunities to develop their literary talents and showcase their talents which help them to build confidence and critical thinking abilities. During his speech, the chief guest emphasized the need for such platforms in educational institutions to nurture young minds. About 60 students participated in the inauguration and got benefitted out of it. Mr.M.Nithyananthan proposed the vote of thanks.

Workshop on “MASTERING READING SKILLS”



The Department of English organized a workshop on Mastering Reading Skills on 12.01.2024 at Dr.A.Shanmuga Sundaram seminar hall. Dr.T.Ravindran, Professor, Department of English, Annapoorna Engineering College was the resource person for the workshop. DR.K.Akilandeswari proposed the welcome address and Dr.A.Priyanga felicitated the gathering.

The main aim of the workshop on mastering reading skills is to enhance the students' ability to actively and effectively read with greater comprehension, speed and retention. During his speech, the resource person emphasized the need for cultivating a deeper appreciation for reading, helping individuals become more confident and effective readers in both academic and personal contexts. About 60 students participated in the inauguration and got benefitted out of it. Mr.M.Nithyananthan proposed the vote of thanks.

MATHEMATICS DAY CELEBRATION

Report on “Legends Day Celebration”



National Mathematics Day was organized on 22nd December 2023 in the remembrance of Shri. Srinivasa Ramanujan, the great mathematical genius who made exemplary contribution to mathematics. The Mathematics Day was celebrated with objective of creating awareness about importance of mathematics in day-to-day life situation and also to create students interest in studying the mathematics.

As part of the celebrations, Paper presentation, Quiz program, Math Drawing and Math Rangoli were organized. Students from various departments actively participated in all the events. Our beloved principal Dr.A.Anbuechian graced the occasion and encouraged the students to participate in such activities in future as well.

FACULTY AWARDS (AUGUST 2023 - JANUARY 2024)

Sl.No	Name of the Recipient of the Award	Designation & Department	Title Of The Award
1	Dr.N. Nedunchezhian	Professor/Automobile	Best Educationist (Brand Empower)
2	Dr.R. Subramanian	Professor/Automobile	Best Educationist (Brand Empower)
3	Dr.N. Nedunchezhian	Professor/Automobile	Bharat VidyaShiromani award(Indian Solidarity council)
4	Dr.B.Ramesh	ASP/ECE	Best Professor Award IIT Alumni Industry Interaction Center,

BOOK / CHAPTER PUBLICATION (AUGUST 2023 – JANUARY 2024)

Sl.No	Name	Title of the book /Chapter	ISBN No	Edition	Publication
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING					
1.	Dr.T.Buveneswari Prof/CSE, Mrs.R. Sujitha AP/CSE, Mrs.R.Umamaheswari AP/CSE.	Unveiling The Future: Emerging Trends In IoT	978-93-5747-531-0	Second	IIP Series

2.	Mrs.N.Radha ASP/CSE	Cloud Service Management	978-81-969450-7-7	Second	AASAN
3.	Mrs.M.Saranya Mr.T.Pooranachandar	The Future Of Iot Privacy And Security	978-93-6252-960-2	Volume 3	IIP Series

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

4.	Dr.B.Ramesh	Securing Privacy in the Metaverse: Advancing Biomedical Image Analysis Through Federated Learning	10.4018/979-8- 3693-1874-4.ch005	Federated Learning and Privacy- Preserving in Healthcare AI	IGI Global Publishing Tomorrow 's Research Today
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DEPARTMENT OF MECHANICAL ENGINEERING

5.	Dr.M.Vairavel Mr.M.Govindaraj	Mechanical; and thermal feature of fiber reinforced epoxy composite	9788196020040	First Edition	Kalaivani publications
6.	Dr.M.Vairavel Mr.M.Govindaraj	Nano textures of polymer metal composites	9788196020026	First Edition	Kalaivani publications
7.	Dr.Sivakumar	Nano science and Engineering	9788119489619	First Edition	RK Publications

FACULTY JOURNAL PUBLICATIONS (AUGUST 2023 - JANUARY 2024)

Sl.no	Name	Title of the paper	Name of the journal
DEPARTMENT OF CIVIL ENGINEERING			
1.	Dr.R.S.Gandhimathi	An investigation of the bio-medical waste ash on cement mortar bricks	Material Today: Proceedings
2.	Dr.S.Dhipan Aravind	An investigation of the bio-medical waste ash on cement mortar bricks	Material Today: Proceedings
3.	Dr.R.S.Gandhimathi	Biodegradation of naphthalene-Ecofriendly approach for soil pollution mitigation	Environmental Research
4.	Dr.A.Anbuchejian	Investigating the influence of nano silica incorporation on mechanical characteristics of steel fiber reinforced concrete to mitigate solid waste and environmental contamination	Energy sources, Part A: Recovery, Utilization and Environmental effects
5.	Dr.A.Anbuchejian	Sustainable strategies for reducing environmental impact in concrete block manufacturing: a comprehensive life cycle assessment	International Journal of Green energy
6.	Dr.A.Anbuchejian	Sustainable strategies for reducing environmental impact in concrete block manufacturing: a comprehensive life cycle assessment	International Journal of Green energy

7.	Dr.S.Dhipan Aravind	Assessing the Weathering Performance and Functionality of Nanoparticle-Enhanced High-Pressure Laminates for Building Facade Applications	ACS Omega Publication
8.	Dr.A.Anbuchejian	Analysis of environmental performance indicators for concrete block manufacturing: embodied energy, CO ₂ emissions and water consumption	Environmental Science and Pollution research
9.	Dr.A.Anbuchejian	A comprehensive study on enhancing of the mechanical properties of steel fiber reinforced concrete through nano silica integration	Scientific reports
10.	Dr.S.Dhipan Aravind	Enhancing high-performance concrete sustainability: integration of waste tire rubber for innovation	Scientific Reports Journal

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

11.	Dr.O.Saravanan	Literature Review On Resource Scheduling & Resource Management Schemes In Cloud Computing	Journal Of Data Acquisition And Processing
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

12.	Mr.R.Arul Arumugam	Design and Development of the Optical Antenna for Wireless Communications	7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)
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13.	Dr.B.Ramesh	GAN Based Image Segmentation and Classification Using Vgg16 for Prediction of Lung Cancer	Journal of Advanced Research in Applied Sciences and Engineering
14.	Dr.B.Ramesh	SEMI BEAM SECTOR ANTENNA FOR MANET HET PROBLEM	Journal of Theoretical and Applied Information Technology
15.	Dr.B.Ramesh	Recent Advancement in Prediction and Analyzation of Brain Tumour using the Artificial Intelligence Method	Journal of Advanced Research in Applied Sciences and Engineering Technology
16.	Mr.A.Kumaravel	Energy Efficient FPGA Architecture for Deep Learning Algorithms for effective medical Image diagnosis	Recent Innovations in Engineering and Technology (ICRIET 2024)
17.	Dr.B.Ramesh	Energy Efficient FPGA Architecture for Deep Learning Algorithms for effective medical Image diagnosis	Recent Innovations in Engineering and Technology (ICRIET 2024)
18.	Mrs.M.Suganya	Energy Efficient FPGA Architecture for Deep Learning Algorithms for effective medical Image diagnosis	Recent Innovations in Engineering and Technology (ICRIET 2024)
19.	Mrs.G.Kavitha	Energy Efficient FPGA Architecture for Deep Learning Algorithms for effective medical Image diagnosis	Recent Innovations in Engineering and Technology (ICRIET 2024)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
20.	Dr. S.M. Kamali	Detection of glaucoma in retinal image using support vector machine	AIP –Conference Proceedings
21.	Dr. S.M. Kamali	Detection of motorbike rider without helmet license plate	AIP –Conference Proceedings

		recognition using convolutional neural network	
22.	Dr. S.M. Kamali	A security alert system for women with location tracking and calling features	AIP –Conference Proceedings
23.	Dr. S.M. Kamali	Simulation and Electrification of a Conventional Vehicle into a Battery Electric Vehicle for Sustainability Mobility	International Journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects
24.	Dr. S.M. Kamali	Development of a Distributed Battery Management System with Active Balancing For Electric Vehicles	Journal of Nonlinear Analysis and Optimization
25.	Dr. S.M. Kamali	Power Quality Analysis and Energy Consumption in a Textile Industry	Journal of Nonlinear Analysis and Optimization

SL.NO	NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL
DEPARTMENT OF MECHANICAL ENGINEERING			
26.	Anbuchejian A, Sivakumar J, Silambarasan R.	Investigating The Mechanical Properties of Tmt Steel Rods For Minimizing Solid Waste and Environmental Pollution in External Ferrocement-Coated Masonry Pillars	Journal of Environmental Protection and Ecology
27.	Silambarasan R, Sivakumar J, Govindaraj M	Enhancing Performance and Emission Characteristics of Biodiesel - Operated Compression Ignition Engines through Low Heat Rejection Mode and	American Chemical Society

		Antioxidant Additives: A Review	
28.	Sivakumar J	Investigation of the mechanical properties of Coir fiber reinforced polyethylene composites	Materials Today: Proceedings
29.	Sivakumar J	Effect of alkali treatment on wear behaviour of walnut shell reinforced bio-composites	Materials Today: Proceedings
30.	Sivakumar J, Silambarasan R	Optimizing the efficiency of solar thermal collectors and studying the effect of particle concentration and stability using nanofluidic analysis	Energy & Environment
31.	J Sivakumar	Environmental Effect of Exhaust Gas Recirculation Diesel Engine Using Karanja Oil Methyl Ester With Low Heat Rejection In Direct Injection	Journal of Environmental Protection and Ecology
32.	Sivakumar J Silambarasan R	Experimental investigation of the performance of silver nanofluid as a coolant in a helical shell and tube heat exchanger	Journal of Thermal Analysis and Calorimetry
33.	Sivakumar J Silambarasan R	Production and evaluation of syngas derived from glycerol using aqueous phase reforming for fueling compression ignition engines	Renewable Energy
34.	Silambarasan R, Sivakumar J,Senthil M,	Effect of injection timing on combustion, emission and	Results in Engineering

	Ranjithkumar M, Sakthivel P, Govindaraj M, Boopathi J, Kannan S, Hariharan E, Elamvazhuthi A	performance characteristics of safflower methyl ester in CI engine	
35.	Anbuchejian A, Sivakumar J, Silambarasan R	Sustainable strategies for reducing environmental impact in concrete block manufacturing:a comprehensive life cycle assessment	International Journal of Green Energy
36.	Sivakumar J, Silambarasan R	Enhanced heat transfer performance of silver Nanofluids as coolants in a helical Shell and tube heat exchanger: an experimental study	Heat and Mass Transfer
37.	Anbuchejian A, Sivakumar J, Silambarasan R	Analysis of environmental performance indicators for concrete block manufacturing: embodied energy, CO2 emissions, and water consumption	Environmental Science and Pollution Research
DEPARTMENT OF ENGLISH			
38.	C.Joseph M.R.Sripriya	Lack Of Realisation: A Barrier To Communication Skill Significant Challenges Face By Rural Area Students In Learning English As A Second Language	Humanities And Social Science Studies-A Bi- Annual Interdisciplinary Journal

IN-PLANT TRAINING (AUGUST 2023 - JANUARY 2024)

Sl.no	Date	Name	Batch	Company name
DEPARTMENT OF AUTOMOBILE ENGINEERING				
1.	17.11.2023 to 24.11.2023	IV-YEAR	2020-2024	Royal Enfield,Salem
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING				
2.	02.08.2023 to 08.08.2023	Gopinath M	2021-2025	Talent Acquisition
3.	03.08.2023 to 10.08.2023	Muthukumaran S	2021-2025	Talent Acquisition
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING				
4.	18.01.2024 to 23.01.2024	Manoj C Sangavi M Vijay V Parameshwaran S Dinesh S	2021-2025	Live Wire, Salem
5.	29.01.2024 to 02.02.2024	Raja Vikash J Usha B Maheshwari V Barani R Vignesh T	2021-2025	Live Wire, Salem
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING				
6.	27.10.2023	Abimani A Gowtham B Gowtham G Jeevith M Kaviyarasan P Priyadharshan S Ranjith K Santhosh Kumar A	2020-2024	Kerala Electrical engineering & Allied Engineering company limited.

7.	27.10.2023	<p>Ajith K Arunkumar.K Dhanushan.B Dharshini.T Dheepak Jana.V Ganeshwaran.R Jeevajothe.V Jonipriya.A Kabilashanth.M Kiruthika.S Logeshwaran K Mahalakshmi.R Naveena. K Ragul.V.M Renuka.K Sanjay.B Somnath.B Sridhar.M Suryamoorthy.P Ananthi R Atchaya N Boopathi K Giritharan P Gowsalya G Jayachandran K Kalaiyarasi M Kasivisvam B Keerthana A Keerthana M Kirubananth S Krishnamoorthi M Madhumitha M Paneerselvam M</p>	2021-2025	Kerala Electrical engineering & Allied Engineering company limited.
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		Pavithra P Pavithra V Pradeepkumar M Renuka K Roja M Sadhasivam S Sakthi K Salomi P Samiksha S		
8.	13.12.2023	Ananthi R Anmol Kumar Atchaya N Bharathipriyan P Boopathi K Dhanasekaran K Dhanush E Giritharan P Gowsalya G Gowtham P Indhuprakash G Jayachandran K Kabilan A Kalaiyarasi M Kasivisvam B Keerthana A Keerthana M Kirubananth S Krishnamoorthi M Lokesh P Madhumitha M Manibharathi K Nagaraj M	2022- 2026	Mettur thermal power plant station – I.

		Paneerselvam M Pavithra P Pavithra V Pradeepkumar M Prathap R Priyadharshini R Renuka K Roja M Sadhasivam S Sakthi K Salomi P Samiksha S Sandeep C Santhosh S Santhosh S Sasiprabha G S Sasiwin J Sathyakala T Sham G Sivasakthi M Sridhar G Sundharraj S Tamilselvan R Thirugnanam S Dhanush G Farook M		
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FACULTY ACTIVITIES (AUGUST 2023 - JANUARY 2024)
(CONFERENCE, FDP, WORKSHOP, SEMINARS, HANDS ON TRAINING)

DEPARTMENT OF AUTOMOBILE ENGINEERING					
S.no	Date	Name	Event	Title	College name
1.	08.08.2023- 14.08.2023	Dr.S.Ramkumar Mr.C.Arvezhagan Mr.S.Prakash Mr.S.Jegadeeshan Mr.N.Narayana Kumar Mr.M.Bharani Kumar	FDP	Innovative Inter disciplinary Research and publication Ethics	Goenka University, Gurugram
2.	08.08.2023- 14.08.2023	Mr.N.Navaneetha Krishnan	FDP	Machine Learning	D Y Patil Institute of Engineering and Management Research, Akurdi
DEPARTMENT OF CIVIL ENGINEERING					
3.	August to September	Dr.R.S.Gandhimathi	NPTEL Online course	Water, Society and Sustainability	IIT, Kharagpur
4.	14.07.2023	Mr.P.Ayyanar	Webinar	A overview of tender & its process	Adithya Institute Of Technology
5.	05.08.2023	MrS.R.S.Gandhimathi	Webinar	Non destructive evaluation of reinforced concrete structures	Ultra tech cement - ICI
6.	02.09.2023	Mrs.T.Divya Mr.P.Ayyanar	Webinar	Concrete pavement mix design and dry lean concrete mix design	Ultra tech cement - ICI
7.	07.09.2023	Mrs.T.Divya	Concrete Day Pledge	To Make Sustainable	Structural Engineers Association

				Concrete Pledge	
8.	07.09.2023	Mrs.Silpa.N	Conclave	Bridge'23	ICT Academy
9.	09.09.2023	Dr.A.Murugesan Mrs.S.Shanmugapriya	Webinar	Dsign And Construction Aspect Of Thin White Topping Technology For Roads	Ultra Tech Cement - ICI
10.	15.09.2023	Mrs.Silpa.N	Conference	Ansys Academic Innovation Conference- Ansys	Hotel Radisson
11.	21.09.2023 & 22.09.2023	Dr.R.S.Gandhimathi Dr.S.Dhipan Aravind Mrs.T.Divya Mrs.Silpa.N Mr.B.Nandhagopal	Conference	Innovative Research Trend In Civil Engineering	Sri Sairam Engineering College,Chennai
12.	26.09.2023	Mr.P.Ayyanar	IPR Awareness Programme	National Intellectual Property Awareness Mission	Intellectual Property Office, India
13.	09.10.2023- 13.10.2023	Mr.P.Ayyanar Mrs.Silpa.N	FDP	Product Design Engineering Using Fusion 360	Ict Academy
14.	27.10.2023	Dr.R.S.Gandhimathi Mrs.T.Divya Dr.S.Dhipan Aravind Mrs.Silpa.N	Webinar	Infrastructure Resilience For Disaster Risk Reduction	Presidency University

		Mr.B.Nandhagopal			
15.	27.10.2023	Mrs.Silpa.N Mr.P.Ayyanar	Webinar	Circular Economy For Sustainable Waste Management	Adithya Institute Of Technology
16.	28.10.2023	Mr.P.Ayyanar	Webinar	Short Slab Pavements For High Volume Roads	Ultra Tech Cement - ICI
17.	29.09.2023	Mrs.T.Divya	Webinar	PMP Certification And Its Benefits For Career Progression	Presidency University
18.	02.11.2023- 07.11.2023	Mr.P.Ayyanar	FDP	2 nd Series Of Advancements In Concrete Technology	Ballari Institute Of Technology & Management
19.	06.11.2023	Dr.A.Anbuchejian	Conclave	Building The Future Of Entertainment- Careers In Game Development	ICT Academy

20.	06.11.2023	Mr.P.Ayyanar	Webinar	Enhancing The Service Life Of Rcc Structure By An Active Technique	Akshaya College Of Engineering & Technology
21.	21.11.2023 & 22.11.2023	Dr.R.S.Gandhimathi Mrs.T.Divya Dr.S.Dhipan Aravind Mrs.Silpa.N Mr.B.Nandhagopal	Conference	International Conference On Engineering And Technology (Aicte Sponsored)	Selvam College Of Technology
22.	30.11.2023-07.12.2023	Mr.P.Ayyanar	FDP	Emerging Technologies For Sustainable Development In Civil Engineering	Rizvi College Of Engineering
23.	09.12.2023	Mrs.Silpa.N	Seminar	Criteria For Structural Safety Of Tall Concrete Building	Structural Engineering Forum Of India
24.	15.12.2023	Dr.R.S.Gandhimathi Dr.R.A.Shivasakthivadivelan Mrs.Silpa.N	Webinar	Importance Of Soil And Water In Achieving Sustainable And Resilient Agri - Food System	Presidency University

25.	28.12.2023- 29.12.2023	Dr.S.Dhipan Aravind Mrs.Silpa.N Dr.R.A.Shivasakthivadiv elan Mr.P.Ayyanar	FDP	Product Design Engineering Using Fusion 360	ICT Academy
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING					
26.	03.11.23 to 04.11.23	Dr.O.Saravanan	FDP	Application of generative AI	Annapoorana Engineering College
27.	21.08.23 to 25.08.23	Mr.T.P.Udayasankar	FDP	Cloud Infrastructure(AW S)	PSNA College of Engineering and Technology
	03.11.23 to 04.11.23			Application of Generative AI	Annapoorana Engineering College
28.	21.08.23 to 25.08.23	Mr.M.Mailsamy	FDP	Cloud Infrastructure	PSNA College of Engineering and Technology
29.	21.08.23 to 25.08.23	Mr.K.Thangadurai	FDP	Cloud Infrastructure(AW S)	PSNA College of Engineering and Technology
30.	13.11.23to 17.11.23	Mr.C.Sukumar	FDP	Machine Learning and Artificial Intelligence	<u>AndhraPradesh State Skill Development Corporation</u>
	04.12.23 to 08.12.23			Palo Alto Cybersecurity Foundation	<u>Mahendra Engineering College</u>
31.	18.12.23 - 22.12.23	Mrs.M.Saranya	FDP	Microsoft Power BI Data Analyst Associate	Knowledge Institute of Technology
32.	03.11.23 to 04.11.23	Mrs.N.Radha	FDP	Application of Generative AI	Annapoorana Engineering College
33.	04.12.23 to	Mrs.N.Radha	FDP	Palo Alto	<u>Mahendra</u>

	08.12.23			Cybersecurity Foundation	<u>Engineering College</u>
34.	6.9.23 to 12.9.23	Mrs.A.Saranyadurai	Organizer of Training Program FDP Organizer of Hands On Training Program	UI and UX Design	Annapoorana Engineering College
	03.11.23 to 04.11.23			Application of Generative AI	Annapoorana Engineering College
	18.12.23 to 23.12.23			Microsoft Power BI Data Analyst Associate	Knowledge Institute of Technology
	29.12.23			Problem Solving Approaches Using Python	Annapoorana Engineering College
35.	14.09.23	Mr.C.Sukumar Mr.T.Pooranachandar	Workshop	Machine Learning	AISSMS Institute of Information technology
36.	29.01.24	Dr.O.Saravanan	Recourse Person	Harnessing the Power of Intelligence	Muthayammal College of Arts & Science
37.	29.01.2024	Mr.T.Poornachandar	FDP	AI/ML and Data Science for Industry 4.O (Intermediate Level)	Panimalar Engineering college
38.	JAN-MAR 24	Mrs.A.Saranyadurai	NPTEL	Machine Learning,ML	NPTEL ONLINE
39.	JAN-MAR 24	Mrs.A.Saranyadurai	NPTEL	Introduction to Machine Learning	NPTEL ONLINE
40.	14.09.23	Mr.K.Thangadurai	Workshop	Machine Learning	AISSMS Institute of Information technology

	28.09.23			Internet of Things	Government Degree College
41.	18.08.23	Mr.T.Pooranachandar	FDP	Building Innovation and startup ecosystem	SRM Institute of Science and Technology
	21.08.23 to 25.08.23			Cloud Infrastructure(AWS)	PSNA College of Engineering and Technology
	13.11.23 to 17.11.23			Machine Learning and Artificial Intelligence	AndhraPradesh State Skill Development Corporation
	04.12.23 to 08.12.23			Palo Alto Cybersecurity Foundation	Mahendra Engineering College

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

42.	Jan to Mar-2024	Kumaravel A	NPTEL	Analog Circuits	Indian Institute of Technology Bombay
43.	Jan to Apr-2024	R Arul Arumugam	NPTEL	NBA Accreditation And Teaching And Learning In Engineering	Indian Institute of science banglore
44.	Jan to Feb -2024	M Suganya	NPTEL	Effective Engineering Teaching In Practice	Indian Institute of Technology Bombay
45.	07-08-2023 to 11-08-2023	M Jestin Joseph	FDP	Salesforce Platform developer	Muthyammal Engineering College
46.	19-07-2023 To 14-08-2023	M Jestin Joseph R Arul Arumugam J.Jothilakshmi S Devipriya	FDP	Technology Based Enterperneurship Development Programme on	Kalasalingam Academy Of Research And Education

		G.Kavitha Suganya M		Internet	
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING					
47.	07.08.2023 to 11.08.2023	Mrs. T. Muthamil	5 Days FDP	Salesforce Platform Developer 1	ICT Academy, Muthayammal Engineering College
48.	25.09.2023 to 29.09.2023	Dr. S. Durairaj	FDP	Fundamentals of Machine Learning and Deep Learning	NITTTR, Kolkata.
49.	06.10.2023 to 21.10.2023	Mrs. T. Muthamil	FDP	The Futuristic View of Semiconductor Devices in Healthcare Applications Using AI & ML	ATAL, Mahendra Engineering College
50.	09.10.2023 to 13.10.2023	Dr. S. Durairaj	FDP	Implementing Experimental Learning	NITTTR, Kolkata.
51.	09.10.2023 to 14.10.2023	Dr. K. Kannan Mrs. A. Sowmiya	One week International level FDP	Recent trends in Multidisciplinary Research	G. Pulla Reddy Engineering college,(Autonomo ud), Kurnool, AP.
52.	16/17/19.10.2 023	Mrs. T. Muthamil	FDP	Emerging research direction in computer vision	Vellore Institute of Technology, VIT
53.	20.10.23- 21.10.23	Dr. S.M. Kamali	national – IEEE , Conference	Swam Intelligence with feature selection and classification	Dayanandha Sagar Engineering College- Banagaluru
54.	20.11.23-	Dr. S.M. Kamali	International	Hybrid	Reva

	21.11.23		-IEEE , Conference	Optimization Based Long Short- Term Memory for Android Malware Detection”	University,Bangaluru
DEPARTMENT OF MANAGEMENT STUDIES					
55.	07.09.2023	Dr.S.Subhashini	Industry - Institute - Interaction	“Bridge2023 – Coimbatore” A high impact Industry - Institute Interaction Event of India	ICT Academy of Tamilnadu
DEPARTMENT OF MECHANICAL ENGINEERING					
56.	26.08.2023	M.P.Mohanraj	Workshop	Naan Mudalvan Skill Development Program	Sona College of Technology, Salem
57.	15.09.2023	Dr.J.Sivakumar M.Govindaraj S. Kannan E.Hariharan P.Sakthivel M.Ranjithkumar	Conference	Ansys Academic Innovation Conference	Ansys Academic Innovation
58.	09.10.2023 to 13.10.2023	S. Kannan P.Sakthivel E.Hariharan A.Elamvazhuthi	FDP	Product Design Engineering using Fusion 360	ICT Academy
59.	28.12.2023 to 29.12.2023	Dr.J.Sivakumar Dr.R.Silambarasan M.P.Mohanraj V.Moorthi M.Govindaraj J.Boopathi S. Kannan	FDP	Product Design Engineering using Fusion 360	ICT Academy

		E.Hariharan P.Sakthivel M.Ranjithkumar A.Elamvazhuthi			
DEPARTMENT OF ENGLISH					
60.	24.08.2023 - 26.08.2023	M.R.Sripriya	FDP	Setting Goals And Managing Time	Avs College Of Arts And Science, Salem
61.	25.09.2023 - 27.09.2023	C.Joseph	FDP	Decision Making Skill	Muthayammal College Of Arts And Science, Rasipuram

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

S.No	Date	Name	Batch	Event	Title	College/ Institution Name
DEPARTMENT OF AUTOMOBILE ENGINEERING						
1.	10.8.2023	Aiyappan T	2022-2026	Workshop	Entrepreneurship & Innovation	PSNA College of Engineering and
2.	28.04.24	Sheron Asir A	2022-2026	Workshop	Robotics and Automation Technologies	KPR Institute of Engineering and Technology,
DEPARTMENT OF CIVIL ENGINEERING						
3.	5.01.2024 to 08.01.2024	Nivetha P Dhivya V Gayathri K Monikaa Jayalakshmi G M Vinitha C Arivukkarasan E	2022-2026	Model Presentation	Emerging Engineers	Engineers Build Expo
4.	07.09.2023	Hariharan G	2020-2024	Crete	Concrete Day	Annapoorana

		Thirumaran P Kavin V		Puzzle23		Engineering College (Autonomous)
5.	06.10.2023	Dhivya V Gayathri K Arivukkarasan E Monikaa Jayalakshmi G M	2022-2026	Model Making	National Level Technical Symposium	Salem College Of Engineering And Technology
6.	28.10.2023	Balakrishnan E	2020-2024	Design Fest23	CADD Model	Cadd Center
7.	16.11.2023 to 17.11.2023	Nivetha P	2022-2026	Paper Presentati on	International Conference On Innovative Research Trends In Civil Engineering	Sri Sairam Engineering College(Autonom ous)

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

8.	27.09.2023	Abinaya S Vinodharshini.S Ummuhabiba.J Viruthiga T Niranjana Devi S.K Vaishnavi.G Shabana.S.B Dhivyadeepa T Sunil Kumar R Shakthi M Manoj S Jagadesh S Deepak raj S Naveena K	2022-2026	Workshop	Android Application Development	Karpagam College Of Engineering
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9.	06.10.2023	Naveena K	2022-2026	Paper Presentation	Robotics	Salem College Of Engineering
10.	23.12.2023	J.Ummuhabiba T.Viruthiga Priyadharshini M Aasai Priya G Harini V Pranathi E K.Naveena M.Sakthi Subash K Litheshwaran M Muthu B Sri Charan V M R.Sunilkumar Muthazhagan M Thamaraiselvi R	2022-2026	Workshop	Basics Of Photography	Image Creative Education

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

11.	OCTOBER 29, 2023 TO OCTOBER 30,2023	Usha B	III ECE	Anna University Zonal Tournament s	Basket Ball	Knowledge Institute Of Technology
12.	OCTOBER 18, 2023	Dinesh S	III ECE	Paper Presentation	Paper Presentation	Mahendra College Of Engineering
13.	OCTOBER 13, 2023	Dinesh S	III ECE	Symposium	Ad's Up	Hindusthan Institute Of Technology
14.	OCTOBER 13, 2023	Dinesh S	III ECE	Symposium	Treasure Hunt	Hindusthan Institute Of Technology

15.	OCTOBER 13, 2023	Dinesh S	III ECE	Symposium	Paper Presentation	Hindusthan Institute Of Technology
16.	SEPTEMBER 27, 2023	Dinesh S	III ECE	Workshop	Android Application Development	Karpagam College Of Engineering
17.	SEP 4, 2023	Ramya S	III ECE	Cultural Event	Dance	Sona College Of Technology
18.	SEP 4, 2023	Ramya S	III ECE	Cultural Event	Quiz	Sona College Of Technology
19.	SEP 4, 2023	Dinesh S	III ECE	Cultural Event	Poster Presentation	Sona College Of Technology
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING						
20.	28.11.2022	Ms.Maithreye M R	2019-2023	Webinar	Innovation in smart grid systems	Annapoorana Engineering College, Salem
21.	23.11.2022 25.11.2022	Ms.Maithreye M R	2019-2023	Webinar	Battery state-of- health (SOH) estimation	Coursera – University of Colorado, Bangalore.
22.	14.11.2022	Ms.Maithreye M R	2019-2023	Webinar	Introduction to battery- management system	Coursera – University of Colorado, Bangalore.
23.	10.11.2022	Ms.Maithreye M R	2019-2023	Webinar	Motors and motor control control circuits	Coursera – University of Colorado Boulder, Bangalore.
24.	07.11.2022	Mr.Kalaiyaran R	2018-2024	Webinar	Introduction and programming with IoT boards	Coursera – POSTECH, Bangalore.

25.	04.11.2022	Ms.Maithreye M R	2019-2023	Webinar	People, Technology and the future of mobility	University of Michigan
26.	02.11.2022	Mr.Kalaiyaran R	2018-2024	Webinar	Electric power system	Coursera - The state university of New York
27.	02/07/08/23 .11.2022	Mr.Kalaiyaran R	2018-2024	Webinar	Azure IOT Hub	Coursera Project Network
28.	01.11.2022	Mr.Arun Kumar K	2020-2025	Guest Lecture	India's next generation power grid	Annapoorana Engineering College, Salem
		Mr.Deepakjana V	2020-2025			
		Mr.Dhanushanb	2020-2025			
		Ms.Dharshini T	2020-2025			
		Mr.Ganeshwaran R	2020-2025			
		Mr.Hariharan A	2020-2025			
		Ms.Kiruthika S	2020-2025			
		Mr.Logeshwaran K	2020-2025			
		Ms.Mahalakshmi R	2020-2025			
		Mr.Mohanraj N K	2020-2025			
		Mr.Rahul V M	2020-2025			
		Ms.Renuka K	2020-2025			
		Mr.Sanjay B	2020-2025			
		Mr.Sridhar M	2020-2025			
Mr.Suresh P	2020-2025					
Ms.Maithreye M R	2019-2023					
29.	14.10.2022	Mr.Sanjay B	2020-2025	Webinar	Design thinking	Annapoorana Engineering College, Salem

30.	11.10.2022	Mr.Sridhar M	2020-2025	Webinar	Effects of mathematics innovation ad technology on students learning performance	Annapoorana Engineering College, Salem
		Ms.Maithreye M R	2019-2023			
		Mr.Arun Kumar K	2020-2025			
		Ms.Dharshini T	2020-2025			
		Mr.Ganeshwaran R	2020-2025			
		Mr.Hariharan A	2020-2025			
		Mr.Jeevajothi V	2020-2025			
		Mr.Kabilashanth M	2020-2025			
		Mr.Logeshwaran K	2020-2025			
		Ms.Mahalakshmi R	2020-2025			
		Mr.Rahul V M	2020-2025			
		Mr.Sanjay B	2020-2025			
		Mr.Suresh P	2020-2025			
31.	22.09.2022	Ms.Maithreye M R	2020-2025	Webinar	Switch gear operation & Applications	Annapoorana Engineering College, Salem
32.	17.09.2022	Ms.Mahalakshmi R	2020-2025	Webinar	Industry oriented big data tools	Annapoorana Engineering College, Salem
		Ms.Renuka K	2020-2025			
		Ms.Maithreye M R	2020-2025			
33.	14.09.2022	Mr.Arun Kumar K	2020-2025	Webinar	Introduction to Cyber Security	CISCO, Bangalore.
		Mr.Logeshwaran K	2020-2025			
		Mr.Rahul V M	2020-2025			
34.	22.08.2022	Ms.Maithreye M R	2019-2023	Webinar	How to industry ready through virtual internships bundled with	Knowledge solutions India, Microsoft Certification, Bangalore.

					IBM & Microsoft certification programs	
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MOUs SIGNED

Sl.No	Name of The Industry / Institute	Date Of Signing Mou	Purpose Of Signing Mou
1.	Blue Print	6.10.2023	Hands on training, workshop, Seminar, outbound training, guest lecture and campus to corporate metamorphosis
2.	Algojaxon Global Soft Private Limited	23.09.2023	Skill Development, Outcome Based Training, Placement, R&D Services And Related Services
3.	IBM	14.12.2023	Academic Enrichment Events
4.	ABE Semiconductors designs	18.11.2023	Skill based training, Education and Research

VALUE-ADDED COURSES AND CERTIFICATE COURSES

S.No	Course	Course Title
1.	Value-Added Courses	Campus Recruitment Training
		Entrepreneurship Development Program
		Employability Enhancement Training
		Soft Skill Training
		Aptitude Training
		Yoga and Meditation
		Placement Training
		Speaking & presentation
		Time management
		Campus to Corporate Training
		Leadership
		Personality development
		Motivational Training
2.	Certificate Course	Geometric Dimensioning and Tolerancing
		Automotive Engine after treatment systems for BS-VI
		PM and Nox control techniques
		Drone surveying
		Modern tools used in construction industries
		Sketch up 3D
		Python
		Photoshop
		NS2
		Image Processing Using Mat lab
		Signal Processing Using MATLAB
		VHDL modeling in VLSI
		Electrical CAD
		MATLAB
		Programmable Logic Controller
		Inspection and Quality Control
Engine Dismantling and Assembly		
Air-conditioning and refrigeration system		

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