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BEST PRACTICE

1. **Title of the Practice**

   Industry Institute Interaction

2. **Objectives of the Practice**

   Industry-institution interaction (III) serves as a vital bridge between academia and the corporate world, with several key objectives:

   Alignment of Curriculum: Ensuring academic programs are relevant to industry needs by incorporating real-world applications, emerging technologies, and practical skills.

   Promotion of Research and Innovation: Stimulating collaborative research projects that address industry challenges, drive innovation, and contribute to technological advancements.

   Facilitation of Knowledge Transfer: Bridging the gap between theoretical knowledge and practical applications through the exchange of expertise, resources, and intellectual property.

   Enhancement of Student Employability: Providing students with industry exposure, internships, and skill development opportunities to prepare them for the workforce.

   Promotion of Lifelong Learning: Encouraging continuous professional development for both academia and industry professionals through seminars, workshops, and executive education programs.

   Contribution to Regional Development: Catalyzing economic growth, entrepreneurship, and job creation by leveraging local talent, resources, and industry clusters.

   Strengthening of Industry-Academia Partnerships: Cultivating enduring relationships based on trust, collaboration, and shared objectives for mutual benefit and long-term sustainability.

3. **The Context**

   Industry-institution interaction refers to the collaboration and engagement between academic institutions (such as universities, colleges, and research centers) and industries (private businesses, corporations, and organizations). This interaction is crucial for several reasons.

   Firstly, it fosters knowledge exchange and transfer between academia and industry. Academic institutions often produce cutting-edge research and innovation, while

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industries have practical applications and resources to bring these ideas to market. Through collaboration, researchers can understand real-world challenges, while industry partners gain access to new ideas and talent.

Secondly, industry-institution interaction promotes skill development and training. Universities can tailor their programs to meet industry demands, ensuring that graduates are equipped with relevant skills and knowledge. Industry partners can also provide internships, workshops, and guest lectures, offering students practical experience and exposure to the professional world.

Furthermore, such collaboration encourages economic growth and innovation. By working together, academia and industry can develop new technologies, products, and services, driving economic development and competitiveness.

Overall, industry-institution interaction is essential for advancing research, fostering innovation, and preparing future professionals, ultimately benefiting both academia and industry while contributing to societal progress.

4. The Practice

The practice of industry-institution interaction encompasses a wide range of activities and initiatives aimed at fostering collaboration and partnership between academic institutions and industries. These interactions can take various forms and are often tailored to meet the specific needs and objectives of both parties involved. Here are some common practices:

Research Collaboration:
Joint Research Projects: Academia and industry collaborate on research projects to address common challenges or explore new opportunities. These projects often involve shared resources, expertise, and funding.
Technology Transfer: Academic institutions transfer their research findings, technologies, and intellectual property to industry partners for commercialization and further development.

Industry-Academia Advisory Boards:
Advisory boards comprising representatives from academia and industry provide guidance and input on curriculum development, research priorities, and industry trends. These boards ensure that academic programs are aligned with industry needs and standards.

Internships and Work Placements:

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Academic institutions facilitate internships, co-op programs, and work placements for students within industry settings. These opportunities allow students to gain practical experience, apply theoretical knowledge, and develop industry-relevant skills.

Industry-Driven Curriculum:
Universities and colleges collaborate with industry partners to develop curriculum content, courses, and training programs that reflect current industry practices, trends, and demands. This ensures that graduates are equipped with skills and knowledge that are directly applicable to the workplace.

Guest Lectures and Industry Seminars:
Industry professionals are invited to deliver guest lectures, seminars, and workshops at academic institutions. These sessions provide students with insights into real-world challenges, industry best practices, and emerging trends.

Joint Conferences and Events:
Academic institutions and industry organizations collaborate to organize joint conferences, symposiums, and networking events. These platforms facilitate knowledge exchange, networking opportunities, and collaboration between researchers, practitioners, and industry stakeholders.

Funding and Grants:
Industry partners provide financial support, grants, and sponsorship for research projects, academic programs, and infrastructure development at academic institutions. These funds enable researchers to pursue innovative projects and address industry-specific challenges.

Technology Parks and Incubators:
Academic institutions establish technology parks, innovation hubs, and business incubators to support startups, entrepreneurs, and industry partnerships. These facilities provide access to resources, mentorship, and networking opportunities for innovators and industry collaborators.

Overall, the practice of industry-institution interaction is essential for driving innovation, promoting economic growth, and addressing societal challenges. By fostering collaboration between academia and industry, institutions can leverage their respective strengths and expertise to create mutual value and impact.

To meet this objective, Easwari Engineering College is building the Industry Institute Connect through the following activities:
❖ MOUs
❖ Professional Societies

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❖ Guest Lectures/Core Teaching
❖ Workshops
❖ Value Added Courses
❖ Conferences
❖ Industrial Visits
❖ Internships
❖ Industry-supported Laboratories
❖ Industry Supported Courses
❖ Centre of Excellence
❖ Placements

5. Evidence of Success

Summary of Industry Institute Interaction:

Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence	MOU
2023-24	53	22	8	6	35	633	2	8	4	2
2022-23	103	15	11	7	32	823	4	10	6	3
2021-22	99	27	10	6	28	792	2	18	4	2
2020-21	94	26	12	7	11	689	1	-	4	1
2019-20	85	43	11	5	56	501	1	-	1	1

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Guest lecture/Core teaching

Industrial Visit

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Internship

Memorandum of Understanding

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Department of Civil Engineering

Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24	11	7	2	1	5	55	1	3	2
2022-23	11	3	2	1	10	37	1	3	2
2021-22	12	5	2	1	4	106	1	3	-
2020-21	19	2	2	1	3	124	-	-	-
2019-20	6	12	2	1	4	88	-	-	-

GUEST LECTURES/CORE TEACHING

Experts from Industry and Academia are invited to deliver lectures on the latest trends and thrust areas in Civil Engineering.

Academic Year - 2023-2024

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Higher studies in	Ms. Amita Gejji, International manager,	25.07.23	Students have decided to go to

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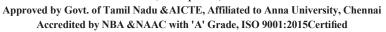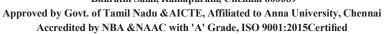## (An Autonomous Institution)
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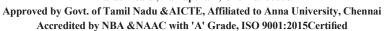|				
	Abroad	University of Auckland		higher studies basd on the inputs given
2.	Types of glass and it's application	Ms. Kaarnika, Design Engineer – infinity, Saint-Gobain,Chennai	**03.08.23**	Students can identify the required glass for usage
3.	Types of paints and it's application	Mr.Dhanesh, Assistant General Manager JSW Cements	**03.08.23**	Students can identify the required paint for usage
4.	Types of cement and it's application	Mr. Rishabgoutham, Mr. Loganathan, Relationship manager Nippon paints	**07.08.23**	Students can identify the required cemnt for usage
5.	Irrigation management	Dr. Carolin Arul Associate professor Center for water resources Anna university	**31.10.23**	Students gained knowledge on various softwares of irrigation management
6.	Soil and shoring types (Vs) Design Software	Mr.Johnprasanna Structural Engineer and Manager Dow international pvt.ltd, Chennai	**02.11.23**	Students can identify different soils and the relevant design softwares
7.	Sustainable energy and environment	Dr.Sachin Vinayak Jangam Senior Lecturer College of Design and Engineering, National University of Singapore	**01.03.24**	Students gained knowledge on sustainable energy conservation
8.	Anti termites treatment at pre and post construction	RTNSathiyaKumar, Entrepreneur,Oxyclean pest control services, Chennai	**18.03.24**	Students gained knowledge about termites and the methods to control
9.	Modelling of structure using	Mr. C.Mahendran , Design Engineer, CADD	**22.04.24**	Design and Detailing of structures as per

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	BIM Software	India Research and Development, Chennai		IS Standards
10.	Implementation of mix design in batching plant and process control	MuralidharanNanda Govindarajulu, Industrial Consultant Chairman,ICI, Chennai Centre	**03.04.24**	Students gained knowledge on the importance of mix design and Quality control
11.	An awareness on the effects of RO water	Er.Vijaykumar, Managing Director, Sunshine Enterprises Pvt.Ltd	**16.04.24**	Students gained knowledge on the importance of alkaline water consumption for good health

Academic Year - 2022-2023

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Importance of Higher Studies in Abroad	Mr.H.Abdul Navas, Senior Manager, Osprey Academy, Chennai	15.11.2022	Gained knowledge on the opportunities in higher studies in abroad
2.	Advance Surveying Techniques	Mr.A.Selvam Managing Director, Land coordinates Technology, Anna Nagar, Chennai	18.11.2022	Gained knowledge on modern surveying techniques
3.	Torsion of Circular Shaft	Dr.K.Aarthi Asst. Professor, Department of Civil Engineering, Alagappa Chettiar College of Engineering and technology, Karaikudi	18.11.2022	Gained technical knowledge on shaft
4.	Concept of RCC Design	Dr. J Leon Raj, Scientist, Structural Engineering, CSIR-NEIST	23.11.2022	Understood the way of designing the RCC elements

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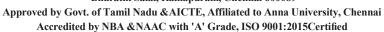Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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5.	Excellence in Civil Engineering	Ms.Nayanasreekumar Research Scholar Lowa State University United States	30.11.2022	Created awareness about Civil Engineering job opportunities
6.	Net zero energy building	Mr. Girish r visvanathan Director-Technical Earthonomic Engineers Pvt.Ltd	01.12.2022	Gained awareness on the designing the building considering various factors
7.	Concrete mix proportioning	Er. A.P Murugan, Regional Head-Technical, UltraTech cement Ltd. Mr. R. Vinoth Rajendran Territory Technical Service Manager, UltraTech cement Ltd.	30.01.2023	Understood the way of designing the concrete mix in real time conditions
8.	Drone technology	Mr.A.Selvam,Managing Director, Land coordinates Technology, Anna nagar, Chennai	19.02.2023	Gained knowledge on modern surveying techniques
9	Case study in pumping of concrete	Mr.S.Thiyagarajan, General Manager, Product and application, Schwing Stetter(I) Pvt Ltd. Chennai	30.03.2023	Understood the way of designing the concrete mix
10.	Opportunities in oil and gas industries	Mr.A.R.Velmurugan, Department Manager, Civil & structural KBR,Chennai	20.04.2023	Gained awareness on the different projects taken in oil and gas areas
11.	Municipal waste management techniques	Er.M.Aravind M.E PGDEL, Regional Directorate of Municipal Administration, Tiruppur	29.04.2023	Created awareness how to deal with the human, material, economic or environmental impacts

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Academic Year - 2021-2022

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Flow through open channels	Dr. Carolin Arul, Associate Professor, Centre for Water Resources, Anna University	07.06.2021	Gained technical knowledge on open channels design
2	Career Opportunities in MEP Services	Mr. Joseph Mathew ,Director, Chairman, IPA Chennai Chapter, Director, BI Marketing and Services Pvt.Ltd	14.08.2021	Enhanced awareness on opportunities in plumbing services
3	Landslide geotechnology	Dr.ArindamDey, Associate Professor, Department of Civil Engineering, Indian Institute of Technology, Guwahati	26.08.2021	Gained technical knowledge on landslides occurrence and its prevention
4	Design based methodology for pile foundations in seismic regions	Dr.PradeepKumarDammala, Assistant Professor Department of Civil & Infrastructural Engineering Indian Institute Of Technology, Jodhpur	17.09.2021	Understood on the effects of pile foundation in seismic design
5	Career Advancement in Construction, Real Estate, Infrastructure and Project (CRIP)	Dr. Sudarsan J S, Professor (Assistant), NICMAR, Pune Campus	28.10.2021	Received awareness on opportunities in infrastructure field
6	Live Talk on Avenues for Civil Engineers in Government Sector	Shri.R.ThangamaniIES, Director, Central Water Commission, Chennai Shri. L. PanneerSelvam IES, Deputy Director, Central Water Commission,	17.11.2021	Gained knowledge on the opportunities in government sectors

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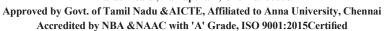Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified

		Chennai,		
7	Importance of Structural Design	Er.A.Karthikeyan, Structural Consultant, Karthikeyan Associates, Chennai.	24.11.2021	Enhanced knowledge on structural design basics
8	Disaster risk management in India	Dr.T.S.Sridhar,IAS(R), Director general, Ramapuram and Trichy campus.	06.12.2021	Gained knowledge on the management techniques during earthquakes
9	Different methods of finding deflection	Dr.S.Nagan Thiagarajar College of Engineering Madurai	09.12.2021	Received technical knowledge on real time deflection measurement techniques
10	Principles of Building Design	Mr.C.Magendiran, Design Engineer, CADD India Research & Development, Chennai.	21.12.2021	Gained awareness on the designing the building considering various factors
11	Urban Water Management- Problems and Prospects	Mr. J Saravanan,Director Thrust Geoconsutant, Chennai	11.03.2022	Created awareness on water management system
12	Concrete mix proportioning	Er. S. Vijayakumar, Assistant Manager- Technical Customer Solutions, UltraTech. Mr. VinothRajendran, Senior Officer - Technical Service,UltraTech	22.03.2022	Understood the way of designing the concrete mix in real time conditions

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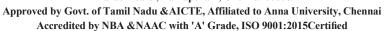Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified

Academic Year - 2020-2021

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Performance based seismic design and strengthening with focus on fastening	Dr.Akanshu Sharma, Junior Professor, Institute of Construction Material, Germany.	01.07.20	Understood the Significant differences in seismic performance can be expected from structures designed to this approach when compared with conventional force-based check approaches.
2	Structural health monitoring-challenges and issues	Dr.M.V.N.Sivakumar, Assistant Professor, National Institute of Technology, Warangal, Telangana	01.07.20	Gathered information for ensuring integrity and safety, detecting the evolution of damage, and estimating performance deterioration of civil infrastructure.
3	Sustainability in buildings on constructions	Dr.Robyn Phipps, Professor, Massey University, NewZealand	02.07.20	Created the awareness on Concepts of using renewable and recyclable materials.
4	A Preview on Smart bridge designs	Er.M.Ravikumar, Deputy General Manager, Structural Divisions, Roads and Bridges,	04.07.20	Brought the awareness on smart bridge technologies are being implemented in bridge redesigns, providing more efficient and real time monitoring and inspection.

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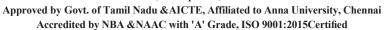|				
5	Pre Engineering metal buildings	Mr.Mozafarhamid, Engineering Manager, Bluescope Steel India Pvt Ltd,	04.07.20	Understood and gained knowledge about precast construction. (i.e.) The building components that are manufactured at a factory and assembled on site.
6	Revit Structures and Revit MEP	Mr.P.Senthilnathan, BIM Lead, One works BIM Technology, Chennai	06.07.20	Enhanced the knowledge on building information modelling (BIM) software that gives mechanical, engineering, and plumbing experts the greatest tools for designing complex systems.
7	Sustainable building materials and products	Mr.K.Dhanarashu, Associate Counsellors, Confederation on Indian Industry	08.07.20	Created the awareness on Concepts of using renewable and recyclable materials.
8	Building analysis and design by ETABS	Ms.Preethirajasekar, Design Engineers, BURO Engineers Pvt. Ltd.,	14.07.20	Gained software knowledge on the design of beam and columns
9	Bar Bending Schedule	Dr.A.ArunSolomon, AssistantProfessor, Karunya Institute of Science and Technology, Coimbatore	17.07.20	Gained and enhanced the knowledge the total quantity of TMT Steel Bar required for building construction
10	Water foot print	Dr.B V Mudgal, Professor and Director, Centre of Water Resource, Anna University, Chennai	25.07.20	Enhanced knowledge to measures the amount of water used to produce each of the goods and services.

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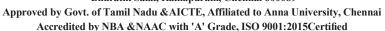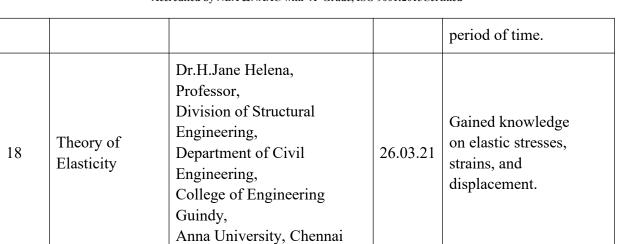**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

11	Opportunities in Civil Engineering	Muthuraman Arunachalam, QuantitySurveyor, DAMACProporties, Dubai,UAE	31.07.20	Created awareness about Civil Engineering job opportunities
12	Disaster management	Dr. Sridhar, IAS(R). Director General, SRM Ramapuram and Trichy Campus	12.09.20	Created awareness how to deal with the human, material, economic or environmental impacts
13	Foundation Engineering	Dr.K.Premalatha, Professor, Department of Civil Engineering, Anna University, Chennai.	07.10.20	Improved knowledge on design and construction of foundations for onshore, offshore, and in-land structures
14	Design of Reinforced Cement Concrete Elements	Dr.G.Lavanya, Assistant Professor in Civil Engineering, Anna University, Ramanathapuram,	08.10.20	Improved knowledge on basic elements governed by bending, shear, axial forces or combination of them are identified and are considered as building blocks of the whole structure.
15	Deflection – Moment area method	Dr.K.Chinnaraju, Professor, Department of Civil Engineering, Anna University, Chennai.	28.10.20	Enhanced knowledge to determine the deflection and slope along the beam.
16	Basics of yield line theory	Dr.S.Thirugnanasambandam Professor, Department of Civil Engineering, Annamalai University, Chidambaram.	12.03.21	Gained knowledge on the bending moment of the structural element at its collapse state.
17	Intellectual property rights	Mr.R.R.Padmanabhan, Principal Consultant-Exim consultant, Director-Exim Academy,Chennai	29.03.21	Gained knowledge on the legal rights given to the inventor or creator to protect his invention or creation for a certain

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				period of time.
18	Theory of Elasticity	Dr.H.Jane Helena, Professor, Division of Structural Engineering, Department of Civil Engineering, College of Engineering Guindy, Anna University, Chennai	26.03.21	Gained knowledge on elastic stresses, strains, and displacement.

Academic Year - 2019-20

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Trap characteristics and it's design criteria	Mr.Satishkumar, Manager, flow Techniques Pvt.Ltd.,	14.09.2019	Gained knowledge on hydrogen amasses at microstructural defects such as voids, dislocations, grain boundaries, and precipitates, which in turn act as traps.
2	Pile Foundation	Mr.Jeyson Samuel, Consultant freelancing Consultancy, Chennai.	24.09.2019	Enhanced knowledge to support the structure and transfer the load at desired depth by either end bearing
3	Manufacturing of paints	Mr.K.N.Muthuswamy, Manager, Nippon Paint Pvt.Ltd., Chennai	09.10.2019	Enhanced knowledge on Preventive Measures to be taken to avoid defects after painting
4	Post tensioning construction	Mr.Srinivasan Nilamegam, Manager,CCL,USA	27.12.2019	Gained knowledge on to place the concrete structure under

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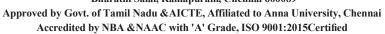|				compression in those regions where load causes tensile stress.

WORKSHOPS

Academic Year -2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1.	Workshop on Concrete Mix Proportioning	r.Subashhkandasamy,Territory Manager-Technical Customer olutions,Ultratech Cement Pvt Ltd	**01.03.2024**	Enhanced e knowledge n Mix design and Field uality control	106 Polytechnic students rained for Mix Design
2.	One day workshop on "LEED (The Leadership in Energy & Environmental esign) - Water Efficiency"	Er.S.Deepak S, BIM Consultant Unique MEP ngineering Academy Pvt. Ltd	05.10.23	Students got awareness about the LEED	2 Students undergone id internship
3.	Workshop on GREEN DRY ONSTRUCTION	Mr.A Janakirman, General Manager- Smart Built	27.02.2024	Enhanced skills and nowledge in sustainable onstruction practices. trengthened mmitment to nplementing nvironmentally friendly onstruction methods in ture projects	90 ngineering students rained for green dry onstruction

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4.	Workshop on Waterproofing Training for practicing engineers and students	Mr.Purusothaman babu , Technical Services ,DFISTR,Dr.Fixit	13.10.2023	Enhanced skills and knowledge in waterproofing techniques	32 Engineering students trained for waterproofing techniques
5.	Workshop on Construction of Ram Mandir Temple	Mr. S. Veeramani, Vice President & Head Design (public spaces),	09.03.204	Students gined insights into the construction techniques employed in building	Aroud 131 students gained knowledge on traditional stone masonry and modern construction methods
6.	Two days workshop on "Reinforced Concrete Repair and Maintenance" for UG Students	Mr.Tirtha Pratim Banerjee, Head- Training and customer Services, Dr Fixit Institute DFI TRAINING CENTRE	22,23.01.24	Enhanced skills and knowledge in waterproofing techniques	32 Engineering students trained for waterproofing techniques
7.	one day workshop (Roof and podium waterproofing - Quality in Construct and Execution)	Mr.Tirtha Pratim Banerjee, Head- Training and customer Services, Dr Fixit Institute DFI TRAINING CENTRE	12.04.24	Enhanced skills and knowledge in waterproofing techniques	26 participants from various construction industries trained in this program

Academic Year -2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS

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1	All India Workshop in IOT in Civil Engineering	Dr. Col. P. Nallathambi Committee Member, IE(I), Tamil Nadu State Center	01.09.2022& 02.09.2022	Enhanced the knowledge on various application of IOT In Civil Engineering.	9 Students incorporated IOT concepts in their final year projects and presented a paper in International conference and 3 students won prize in IIT Bombay FOSSEE-MAPATHON
2	One day Workshop on Prestressed and Prefabricated Structures	Er. Kamalakannan, Managing Director, Utracon Structural Systems Pvt.Ltd, Chennai	21.10.2022	Received the technical design ideas	9 Students were placed in the Structural Design
3.	One day Workshop on Women Empowerment in Civil Engineering	Alumni Students from Various fields	08.03.2023	Skill Development in Various fields and Empowerment	Women Entrepreneurs

Academic Year -2021-2022

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	One day workshop on TMT Steel Bars-An insight view	Mr.PattabiSeetharaman, DGM, Mr.S.Govindarajan, Head - Field Marketing and Tech Services,	31.03.20 22	Gained knowledge about the TMT steel bars	2 Students undergone paid interns hip

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		ARS steels and Alloy International Pvt. Ltd.		manufacturing process	
2	Women Entrepreneurship in Civil Engineering	Dr. Esther Malini Victor, GM & Head, Contracts (Roads & Bridges sector), L&T Infrastructure Development Projects Ltd Mrs.RanjaniRamaswami, Director, Bhaggyam constructions Pvt. Ltd Ms.Vijayalakshmi.K, Costing & Liaison engineer, Bhaggyam constructions Pvt. Mr. R.Jeyakumar, MD Rajparis Civil Construction &EC member, ICI-CC	08.03.22	Created awareness among female students about opportunities for Entrepreneurship	8 Girls students are placed in a core company
3	Concrete Mix Proportioning	Er. S. Vijayakumar, Assistant Manager-Technical Customer Solutions, UltraTech. Mr. VinothRajendran Senior Officer - Technical Service,UltraTech	22.03.2022	Enhanced their knowledge on the concrete mix proportioning	70 Polytechnic students trained for Mix Design
4	Recent Innovation in Steel Structures	Er.HemantGor Technical Specialist Petrofac International Ltd, Sharjah Dr.J.VijayaVengadeshKumar Asst.Prof, NIT Suratkal	13.09.2021	Gained insight into the recent innovations in the field of steel structures	Students Participated in INSDAG Design Competition

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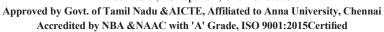**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

| 5 | Waste Water Infrastructure Design | Mrs.J.Shanmugapriya Engineer, SWECO UK Ltd | 13.09.2021 | Received the technical design ideas on the design of waste water systems | 7 Students incorporated the concepts in their final year projects |

Academic Year -2020-2021

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Water resource Applications	Mr.Darshan Mehta	10.07.2020 to 11.07.2020	Enhanced the knowledge on water sources and their uses in various fields of Engineering	4 students did Project in Water Resource stream.
2	Fundamentals and Innovations in Rebar	Mr. P.KanageshPrabha Mr. B.DilipKumar,	12.04.2021	Gained the knowledge about the rebars manufacturing process	5 students got placed in Design based company

Academic Year -2019-2020

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Workshop on BIM	Director, ,BIM technologies Pvt.Ltd	13.11.19	Gained awareness on the application of BIM in the field of construction industry	Trainers got trained
2	Two days workshop	Mr.R.PorSelvaan, CADD Centre	8.11.19	Received hands on	Trainers got trained

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	on 3D Modeling and 3DPrinting		& 9.11.19	experience on two days workshop on 3D modeling and printing	
3	Skill Development workshop on Good Construction practices using sustainable materials	Mr.A.P.Murugan, Mr.PandianKalaimani, Ultratech Cement PVT.LTD	24.09.19	Created awareness on use of sustainable materials in the construction	110 Polytechnic students got trained
4	Skill Development program on Rainwater Harvesting	Mr.R.Jayakumar, Credai	03.09.19	Enhanced the knowledge on rain water harvesting with case studies	1 student turned as an Entrepreneur
5	Hands on Training on Introduction to Pneumatic Pumps with case study	Mr.C.Selvakumar, Director, KSB PVT.LTD.	20.08.19	Received hands on experience on two days workshop on Pneumatic Pumps and its importance	2 students got placed
6	Workshop on Concrete technology	Dr.J.SivakumarKandasamy, L&T Constructions	14.08.19	Created awareness on use of sustainable materials in concrete mix proportioning	5 students got internship

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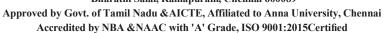#### Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified

8	Technical knowledge and communication skills in construction management	Er.SathiyaMoorthy, proprietor, Bavana builders	20.02.20	Gained the importance of communication skills in the field of construction	Students inculcated professional skill
10	TEKLA software	Mr.Mahendran, Trainee Engineer, CADD India, Chennai	25.02.20	Received awareness on the TEKLA software and its applications	Students incorporated TEKLA software in project
11	Enhancing Employability skills for Future	Mr.MakeshGopalakrishnan, Chief Executive Officer,Crayon'd Ltd.,	14.05.20	Created awareness on the employability skills for future	Students inculcated professional skill
12	Estimation using CostX software	Ms.B.Janani, Manager-ps,Infinity PMC solution Pvt.Ltd.,	15.05.20	Enhanced the awareness on the CostX estimation software	Students incorporated costX software in project

CONFERENCE

Academic Year - 2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	5th International Conference on Sustainable Environment and	**Dr.Vijaya Ravichandran** Scientist G, National Institute of Ocean	17.04.24 & 18.04.24	112 papers accepted for conference presentation

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Civil Engineering	Technology **Dr. R. Dhanaraj,** Senior Manager, Eversendai Construction Pvt. Ltd **Dr.Rathan Raj Rajendran,** Seinor lecturer, University of Technology and Applied Sciences, Salalah, Oman **Er.Hemant Gorg,** Senior Structural Engineer, Worley, UAE		

Academic Year - 2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International Conference on Sustainable Environment and Civil Engineering ICSECE'23	1.Dr.Ravindra Gettu, Professor, IIT, Madras. Chief Guest&Key note Speaker 2.Gopinath M Chief Engineering Manager (Civil) L&T (Geostructure) 3.Mahmoud Al Khazaleh Assistant Dean of Scientific Research. Aqaba University Of Technology, Jordan	30.03.23 & 31.03.23	Awareness created on recent advancement in the field of sustainability in Civil engineering

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Academic Year - 2021-22

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International Conference on Sustainable Environment and Civil Engineering ICSECE'22	1.Dr.SA.Sannasairaj Professor, Ocean Engineering, Former HOD, IIT Madras, 2.Mohammad Abdul Mannan,Professor University of Malaysia, Sarawak 3.Dr.S.Neelamani Senior Principal Scientist Kuwait Institute for Scientific Research 4.Dr.Mahmoud Al Khazaleh Head of Civil & Architecture Section University of Technology & Applied Sciences-Shinas Sultanate of Oman	18.05.22 & 19.05.22	Awareness created on recent advancement in the field of sustainability in Civil engineering

Academic Year 2020-2021

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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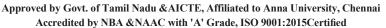**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

1	International Conference on Sustainable Environment and Civil Engineering ICSECE'21	1.Dr.V.Rajesh Kumar, Chief Engineering Manager, L & T Constructions, Chennai 2.Dr.BennyJoseph, Principal, VimalJyothi Engineering College, Kannur district, Kerala. 3. Dr. Selwyn Babu, Professor & Head, Malla Reddy Engineering College, Hyderabad 4. Er.RamKumar, Scientist, Indian Plywood Industries Research Institute, Bengaluru 5. Dr.LakshmiKesav, Associate Professor, VR Siddhartha Engg.College, Vijaywada 6.Dr.M.Selvakumar, Associate Professor, SVCE, Chennai 7.Dr.VVL Kantha Rao, Senior Principal Scientist, Bridge Engineering and Structures Division, CSIR-Central Road Research Institute, New Delhi 8.Dr. Mahmoud Al-Khazaleh,Prof.&Head Civil & Architecture section, Engg. Dept., Shinas College of Technology, University of Technology & Applied Sciences- Shinas - Sultanate of Oman 9.Dr. K.V.L. Subramaniam,Former Dean & Presently Professor, Indian Institute of Technology (IIT), Hyderabad 10.Dr. SayedBateni,	09.04.21 &09.04.21	Awareness created on recent advancement in the field of sustainability in Civil engineering

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		Associate Professor, Department of Civil and Environmental Engineering &Water Resources Research Center, University of Hawaii at Manoa, United States		

Academic Year 2019-2020

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	National Web Conference on Advances in Civil Engineering for Sustainable Environment.	1.Dr.ManuSanthanam,IIT Madras. 2.Dr.MahendrakumarMadhavan, IIT Hyderabad. 3.Dr.G.Janardhanan, NITTTR, Chennai	01.06.2020	In the conference 43 Papers were presented and published in the conference proceedings. Students and faculty members were improved their knowledge in different Research areas and New topics were also delivered by Resource persons from reputed Institutions.

INDUSTRY SUPPORTED COURSES

Industry supported courses are introduced as credit courses. The students can either go to the industry to take up the course or take up the course given by the skill center at the college.

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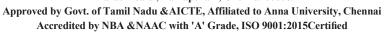
S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
		NIL		

Academic Year 2022-2023

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Building Services Engineering (MEP) Module 1 - Plumbing*	Mr. M. DURAI SINGAM, General Manager (FPS and Plumbing), SPR Constructions	25/01/2023, 27/01/2023	• To design the water supply and sanitary system for domestic, Public and commercial buildings • To design the storm water system for domestic, Public and commercial buildings • To prepare the technical specifications and bill of quantities for domestic, Public and commercial buildings

Academic Year 2022-2023

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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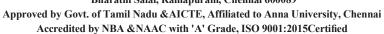|				
1.	Building Services Engineering (MEP) Module 1 - Plumbing*	Mr. M. DURAI SINGAM, General Manager (FPS and Plumbing), SPR Constructions	25/01/2023, 27/01/2023	• To design the water supply and sanitary system for domestic, Public and commercial buildings • To design the storm water system for domestic, Public and commercial buildings • To prepare the technical specifications and bill of quantities for domestic, Public and commercial buildings
2.	Building Services Engineering (MEP) Module 2 – Fire fighting Systems	Mr. M. DURAI SINGAM, General Manager (FPS and Plumbing), SPR Constructions	25/03/2023, 08/04/2023	• To calculate the water storage capacity and pump design for High-rise, domestic, Public and commercial buildings • To design the fire fighting system for the buildings as per National Building Code (NBC) • To prepare the technical specifications and bill of quantities for building services engineering – Fire fighting
3.	Building Services Engineering (MEP) Module 3 - HVAC and Electrical Systems	Mr. M. DURAI SINGAM, General Manager (FPS and Plumbing), SPR Constructions	22.04.2023 25.04.2023	• To design the Air Conditioning and ventilation units for High-rise, domestic, Public and commercial buildings • To select the electrical system equipment from the single line diagram and load calculations for High-rise, domestic, Public and commercial

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				buildings
				• To prepare the technical specifications and bill of quantities for building services engineering – HVAC & Electrical System

Academic Year 2021-2022
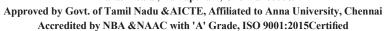
S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Building Services Engineering (MEP) Module 1 - Plumbing*	Mr. M. DURAI SINGAM, GeneralManager (FPS and Plumbing), SPR Constructions	11/10/2021, 12/10/2021, 18/10/2021	• To design the water supply and sanitary system for domestic, Public and commercial buildings • To design the storm water system for domestic, Public and commercial buildings • To prepare the technical specifications and bill of quantities for domestic, Public and commercial buildings
2.	Building Services Engineering (MEP) Module 2 - Firefighting Systems	Mr. M. DURAI SINGAM, GeneralManager (FPS and Plumbing), SPR Constructions	19/10/2021, 25/10/2021, 01/11/2021	• To calculate the water storage capacity and pump design for High-rise, domestic, Public and commercial buildings • To design the firefighting system for the buildings as per National Building Code (NBC)

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				• To prepare the technical specifications and bill of quantities for building services engineering - Firefighting
3.	Building Services Engineering (MEP) Module 3 - HVAC andElectrical Systems	Mr. M. DURAI SINGAM, GeneralManager (FPS and Plumbing), SPR Constructions	02/11/2021, 29/12/2021, 30/12/2021	• To design the Air Conditioning and ventilation units for High-rise, domestic, Public and commercial buildings • To select the electrical system equipment from the single line diagram and load calculations for High-rise, domestic, Public and commercial buildings • To prepare the technical specifications and bill of quantities for building services engineering – HVAC & Electrical System

INDUSTRIAL VISITS
Academic Year 2023-24
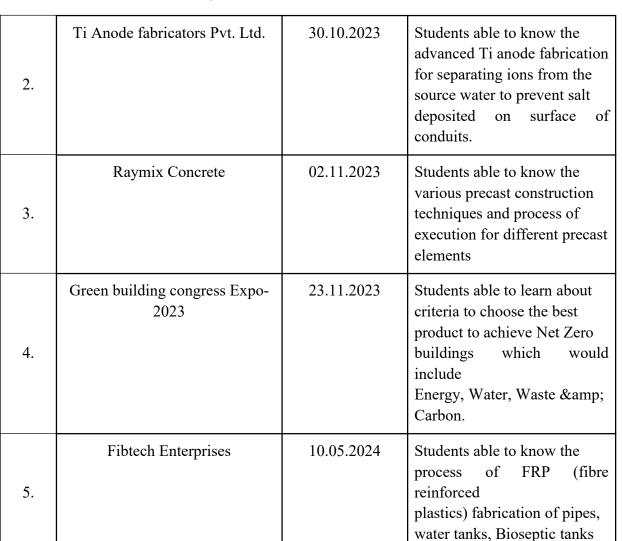
S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	Fibtech Enterprises	30.10.2023	Students able to know the process of FRP (fibre reinforced plastics) fabrication of pipes, water tanks, Bioseptic tanks

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S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
2.	Ti Anode fabricators Pvt. Ltd.	30.10.2023	Students able to know the advanced Ti anode fabrication for separating ions from the source water to prevent salt deposited on surface of conduits.
3.	Raymix Concrete	02.11.2023	Students able to know the various precast construction techniques and process of execution for different precast elements
4.	Green building congress Expo-2023	23.11.2023	Students able to learn about criteria to choose the best product to achieve Net Zero buildings which would include Energy, Water, Waste & Carbon.
5.	Fibtech Enterprises	10.05.2024	Students able to know the process of FRP (fibre reinforced plastics) fabrication of pipes, water tanks, Bioseptic tanks

Academic Year 2022-23

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	L&T-Transmission Line Testing & Research Station, Kancheepuram	24.09.2022	Students able to know the process of testing the transmission lines in structural aspects
2	L&T-Innovation Campus (Concrete 3D Printing Technology)	26.09.2022	Students able to know the latest construction techniques (Concrete 3D Printing Technology) and its design & execution process.

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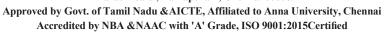Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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3	VME Precast Pvt. Ltd., Vallakottai	15.10.2022	Students able to know the various precast construction techniques and process of execution for different precast elements
4	NDR Safe Store LLB, Oragadam, SIPCOT industrial Estate	19.11.2022	Students able to know the various construction techniques and process of execution of foundation in PEB structure with safety measures
5	SGN Infrastructure	02.12.2022	Students got good field exposure to the students in the pile foundation execution and testing aspects
6	Air Water India Pvt. Ltd., Oragadam SIPCOT, Kanchipuram	25.01.2023	Students understood the new technology of NDT testing for Repair and Rehabilitation of existing structure and gain knowledge on Advanced NDT Testing for Structural members
7	SDG achieved in Kuthambakkam Village	20.02.2023	Students visualized and acquired knowledge about various Sustainable Development Goals (SDG) achieved in kuthambakkam village .
8	Lehry Industries Pvt. Ltd., Gummidipoondi	25.02.2023	Students got an insight of MEP sector and manufacturing industries. Also, to relate the knowledge of MEP laboratory to real time manufacturer unit. Students observed the production of valves and gets to know about the testing processes in the manufacturing units
9	SCHWING Stetter India, Cheyyar SIPCOT, Kanchipuram	03.03.2023	Students could visualize and gain more knowledge on the Manufacturing of construction equipment its applications and implementation in our real-time project.Also about various concrete mixers, Excavators, 3D printers, Drillers, Weigh Bridge and Pile rigs, etc. Students learnt about the basics in Concrete making, mixing, and different applications in various places.
10	Institute of Hydraulics and Hydrology, (Poondi Reservoir) Poondi	26.04.2023	Students gained the knowledge in the Hydraulic structure, Canal system and Model topography of Chennai City. Also, they learnt about Function and components of dams, different types of channels and design methodology.

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Academic Year 2021-2022

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	SCHWING Stetter India, Cheyyar, Kanchipuram	09.02.2022	Students are able to witness about various machineries used in Civil Engg. industry
2.	Methra Industries India Pvt. Ltd.,Gummidipoondi	28.05.2022	Students are able to know about Autoclaved Aerated Concrete (ACC) – An Eco-friendly Material for Construction
3.	PoondiResevior	02.06.2022	Students visualize and acquire the knowledge about various model structure of dams and reservoirs dedicated to Research, Design and Development
4.	Pre-Engineered Building(PEB) Structure, SGN Infrastructure	14.06.2022	Students are able to know and understand about the Pre-Engineered Building structure in the site

Academic Year 2020-2021

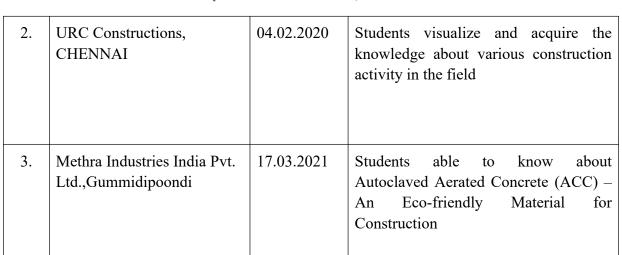| S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	Bangalore Metro Rail Corporation Ltd. (BMRCL)	28.01.2020	Students able to get the knowledge on pile foundation activity happening in the site

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S.NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
2.	URC Constructions, CHENNAI	04.02.2020	Students visualize and acquire the knowledge about various construction activity in the field
3.	Methra Industries India Pvt. Ltd.,Gummidipoondi	17.03.2021	Students able to know about Autoclaved Aerated Concrete (ACC) – An Eco-friendly Material for Construction

Academic Year 2019-2020

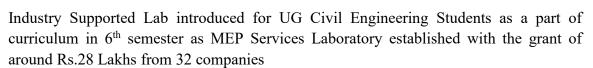| S.NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	Pioneer Precast Solutions Pvt. Ltd., Poonamallee	19.08.2019	Students able to know the manufacturing process of prefabricated elements and also know about vacuum concreting
2.	Navin's Starwood Towers, Medavakkam, Chennai	16.09.2019	Students able to know the various construction techniques and process of execution
3.	ROCA Bathroom Products Pvt.Ltd., Ranipet, Vellore	17.09.2019	Students understood the manufacturing procedure for various bathroom products completely along with quality check
4.	Structural Engineering Research Centre, Taramani, Chennai	26.09.2019	Students are visualized and acquire knowledge about various National Laboratory dedicated to Research, Design and Development of Scientific and Industrial Instruments

Industry Supported Laboratories:

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Industry Supported Lab introduced for UG Civil Engineering Students as a part of curriculum in 6th semester as MEP Services Laboratory established with the grant of around Rs.28 Lakhs from 32 companies

The Course enables the entry level and engineering graduates to understand the basics, different systems used in MEP for Domestic and commercial purposes and to achieve the optimal design and good analytical skills for up-to-date the technical knowledge of various system designs.

S.No.	Topic	Outcome	Relevance to PO PSOs
1.	MEP Services Laboratory	To design the water supply and sanitary system for domestic, Public and commercial buildings To design the storm water system for domestic, Public and commercial buildings To prepare the technical specifications and bill of quantities for domestic, Public and commercial buildings	PO1, PO3, PO6, PO7, PO10, PO11, PO12, PSO1, PSO2, PSO3

CENTER OF EXCELLENCE

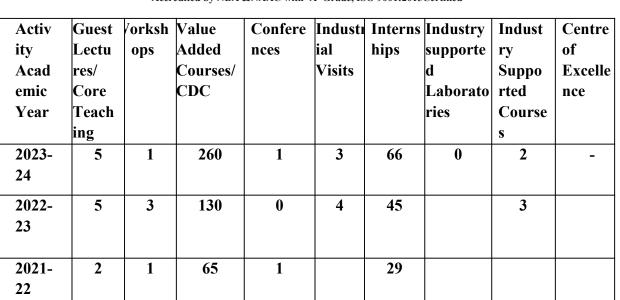| S.No.	Name of the Company	Topic	Outcome
1.	Dr.Fixit	DR.FIXIT Institute of Structural Protection and Rehabilitation	To Create awareness about the water proofing techniques
2.	SANVIR Associates	Engineering Innovation Skill Center	To create awareness about the MEP Services among the students,Academics and practicing Engineers

Department of Artificial Intelligence and Data Science & Computer Science & Engineering (AI & ML)

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Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/ CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24	5	1	260	1	3	66	0	2	-
2022-23	5	3	130	0	4	45		3	
2021-22	2	1	65	1		29			

GUEST LECTURES/CORE TEACHING

Experts from Industry and Academia are invited to deliver lectures on the latest trends and thrust areas in Artificial Intelligence & Data Science & Computer Science & Engineering (AI & ML).
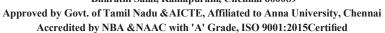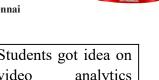
Academic Year - 2023-2024

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Introduction to AI World	Mr.M.K.Kumaresan, Cloud Integration Architect, Google India, Bengaluru.	20.06.2023	Students got understanding of Artificial Intelligence
2	Introduction to Data Industry	Mr. Rathees P, Co-Founder, Crion Versity, IIT Madras Research Park, Taramani Chennai	24-08-2023	Students understood the data industry and its needs.
3	Insights of Artificial Intelligence	Mr.Loganathan V Director, VLOG Innovations LLP, Chennai	04.10.2023	Students achieved good insights into Artificial Intelligence.
4	Recent Trends In Digital Transformation	Mr. Chaitanya Krishna Pippalla, Project Manager, Kimberly -Clark, Bangalore	05.10.2023	Students got an exposure to the recent trends in digital transformation

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5	Video analytics using Deep Learning	Dr.K.Rajkumar, Dean, Deanery International Relations, Bishop Heber college (Autonomous)	19.10.2023	Students got idea on video analytics using deep learing.

Academic Year - 2022-2023

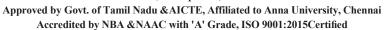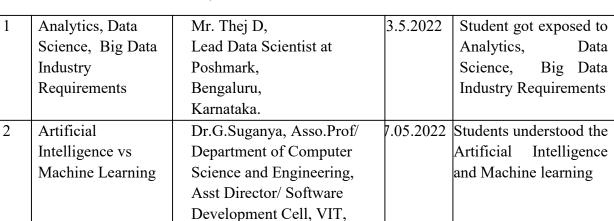| S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Top Cloud Computing Trends 2022	Mr.M.K.Kumaresan, Cloud Integration Architect, Google India, Bengaluru.	24.08.2022	Students achieved good insights into the current trending technologies.
2.	Genesis of Data Science	Dr.M.Subbiah, Data science Practice, Rappo Phygital Commerce, Chennai	15.09.2022	Students gained a good insight into the Data science Industry.
3.	Microsoft Azure in Industry	Mr. Madhanraj Vasudevan, Director, Hanet Solutions, Chennai.	24.02.2023	The session was very useful and gave the students a good insight into the current trending technologies.
4.	Placement Opportunity in IT industry	Mr. Satish Krishnamurthy, Senior Director, Insights & Data, Capegemini	01.03.2023	Students got good ideas on the IT placement Opportunities
5.	How to get a CTC of more than 10LPA in Analytics field as a fresher	Mr.A.Subramani Data Scientist, Latentview Analytics	17.04.2023	Student got exposed to the field is in demand and the reality of how it is to work in the field of data science

Academic Year - 2021-2022

NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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1	Analytics, Data Science, Big Data Industry Requirements	Mr. Thej D, Lead Data Scientist at Poshmark, Bengaluru, Karnataka.	3.5.2022	Student got exposed to Analytics, Data Science, Big Data Industry Requirements
2	Artificial Intelligence vs Machine Learning	Dr.G.Suganya, Asso.Prof/ Department of Computer Science and Engineering, Asst Director/ Software Development Cell, VIT, Chennai.	7.05.2022	Students understood the Artificial Intelligence and Machine learning

WORKSHOPS
Academic Year -2023-24

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	How Do Machines Learn?	Mr. Karthik Thiagarajan, Course Instructor, BS program in Data Science & Applications, IIT Madras, Chennai	07.09.2023	Students understood the basics of Machine Learning	Students were able to implement machine learning algorithms

Academic Year -2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Creativity, Problem Solving & Decision Making	Dr.Mathew Thomas, Udemy Mr.Ganesh Balasubramanian, ICT Academy	1.9.2022 - 6.9.2022	Students received good problem solving and decision making ideas.	Students were able to perform in problem solving.

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2	Cyber Security Tools and Ethical Hacking	Mr.Ajinkya Lohakare, Certified Ethical Hacker, Penetration Tester, LPT Josh Talk and TedX speaker	28.11.202 - 29.11.2022	Students learnt on how to save ourselves from various attacks that happen to our data and system	Students were able to do projects in security
3.	Block Chain Technology and Tools	Mr.Ajinkya Lohakare, Certified Ethical Hacker, Penetration Tester, LPT Josh Talk and TedX speaker	28.11.202-29.11.2022	Students got a good understanding of blockchain technology and its future	Students were able to present papers in blockchain technology

Academic Year -2021-2022

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Workshop on Techie Conclave 2021	Chief Guest : Mr.ASHOK BALASUBRAMANIAN, CEO, Open Weaver, Chennai. Mr.BALAJI MUNUSAMY, Machine Learning Engineer, Open Weaver, Chennai.	23.9.2021 to 28.9.2021	Participants got good understanding AIADS and AIML concepts	Paper writing and project implementations were made asy.

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		Mr. S.BHARATH KUMAR, Associate Consultant software Engineer, ATOS SYNTEL, Pune.			
		Mr.JOTHESH S P, Consultant Engineer, Cisco, Chennai.			
		Mr.SHABARINATH PREMLAL, Founder, ResPro Labs, Chennai.			
		Ms.K.BANU Software Engineer II, Microsoft, Hyderabad.			

VALUE ADDED COURSES / CDC

Academic Year - 2023-24

S.NO.	TOPIC	Mode	DATE	OUTCOME
1	CDC	Offline	Regular timetable	Classes are conducted for all students regularly to guide then in their Career

Academic Year - 2022-23

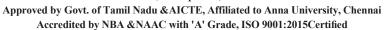| S.NO.	TOPIC	Mode	DATE	OUTCOME
1	CDC	Offline	Regular timetable	Classes are conducted for all students regularly to guide then in their Career

Academic Year - 2021-22

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S.NO.	TOPIC	Mode	DATE	OUTCOME
1	CDC	Offline	Regular timetable	Classes are conducted for all students regularly to guide then in their Career

CONFERENCE

Academic Year - 2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International Conference On Artificial Intelligence And Future Science (ICAIFS'24)	Dr.Sundararaman Chintamani, Senior Consultant, IITM Pravartak Technologies Foundation	21.03.2023 & 22.03.2023	Variety of ideas in recent trends and technology was discussed and this conference created awareness among the participants

Academic Year - 2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
	NIL			

Academic Year 2021-2022

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International Virtual Conference on Machine Learning Applications in Applied Sciences and Mathematics (IVCMASM 2022)	Prof .Tunde olabiyasi, Nigeria	30.03.2022 to 31.03.2022	Participants got understanding on Machine Learning Applications and its applications in the field of science and Technology

INDUSTRY SUPPORTED COURSES

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Industry supported courses are introduced as credit courses. The students can either go to the industry to take up the course or take up the course given by the skill center at the college.

Academic Year 2023-2024

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Deep Learning using Tensor Flow	Mr.Sandeep (PRAG Robotics Pvt Ltd)	02.01.2024-06.01.2024	§ Students gained knowledge on using Google Tensor Flow § Deep Learning methodologies are explained in detail
2.	Data Analytics with Knime	Mr.Naveen (PRAG Robotics Pvt Ltd)	02.01.2024-06.01.2024	§ Students gained knowledge on KNIME software and its usages § Data analytics and visualization are demonstrated and executed

Academic Year 2022-2023

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Deep Learning using Tensor Flow	Mr.Sandeep (PRAG Robotics)	BATCH I 06.06.2023 – 16.06.2023 & BATCH II 12.06.2023 – 16.06.2023	§ Students gained knowledge on using Google Tensor Flow § Deep Learning methodologies are explained in detail
2.	Data Analytics with Knime	Mr.Naveen (PRAG Robotics)	02.01.2023 – 06.01.2023	§ Students gained knowledge on KNIME software and its usages § Data analytics and visualization are demonstrated and executed
3.	Artificial Intelligence for Robotics	Mr.M.Dinesh Kumar PRAG Robotics Pvt Ltd	02.01.2023 – 06.01.2023	§ Students gained knowledge on Artificial Intelligence and its usages in Robotics. § Artificial Intelligence

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				methodologies are explained in detail

INDUSTRIAL VISITS

Academic Year 2023-24

S.NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	Tamil Nadu Smart and Advanced and Manufacturing Centre, 6th Floor, Tidel Park, Rajiv Gandhi Salai, Taramani, Chennai – 600 113	21.09.2023	Students gained an insight on TANSAM process and VR games
2	Tamil Nadu Smart and Advanced and Manufacturing Centre, 6th Floor, Tidel Park, Rajiv Gandhi Salai, Taramani, Chennai – 600 113	22.09.2023	Students gained an insight on TANSAM process and VR games
3	Guvi Enterprises, IITM Research Park – Phase 2, #9, 3rd Floor, D block, Kanagam Rd, Tharamani, Chennai – 600 113	23.09.2023	Students understood the applications of AI & ML in everyday life and the breakdown and understanding of how Netflix, Google Maps, search, Alexa are having tie up with all top tier service based companies.

Academic Year 2022-23

S.NO	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	Beeja Academy, No 31, Panchayat Main Road, Perungudi, Chennai	23.09.2022	Students understood the limitations and challenges of Data system architect, Data Analyst, Data Scientists, Data Engineers and Visualization experts
2	Guvi Enterprises, IIT Research Park, IIT Madras, Chennai	07.10.2022	Students understood the applications of AI & ML in everyday life and the breakdown and understanding of how Netflix, Google Maps, search, Alexa are having tie up with all top tier service based companies.

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3	Monolith Academy, No 12, Neela Tower, 10th Avenue, Ashok Nagar, Chennai – 600 083	06.032023	Students got a clear understanding of Extended reality, AR, VR and mixed reality
4	Monolith Academy, No 12, Neela Tower, 10th Avenue, Ashok Nagar, Chennai – 600 083	07.03.2023	Students got a clear understanding of Extended reality, AR, VR and mixed reality

Industry Supported Laboratories:

NIL

CENTRE OF EXCELLENCE

NIL

PLACEMENTS

S.NO	REGISTER NUMBER	STUDENT NAME	COMPANY NAME	SALARY
1	310620243005	Arjun P	JMAN	7LPA
2	310620243006	Ashwati K	JMAN	7LPA
3	310620243010	Charanya B	L&T Technology Services	4LPA
4	310620243011	Deepak A	Arcadia	5 LPA
5	310620243011	Deepak A	L&T Technology Services	4LPA
6	310620243011	Deepak A	TCS	7LPA
6	310620243021	Jananie M	Worldline Global Services	6 LPA
7	310620243051	R K Shyam Nivas	Maveric Systems	4 LPA
8	310620243032	Mugilesh E	Tata Elxsi	3.5LPA
9	310620243058	Tamil Selvan D R	L&T Technology Services	4LPA
10	310620243058	Tamil Selvan D R	Tata Elxsi	3.5LPA
11	310620243014	Faiza S	CEI	5 LPA
12	310620243014	Faiza S	Accenture	4.6 LPA

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13	310620243035	Nadiminti Deepthi	JMAN	7 LPA
14	310620243028	ManoRanjan P C	Maveric Systems	4 LPA
15	310620243063	Yogeshwaran G	JMAN	7LPA
16	310620243043	Raghuram	Tata Elxsi	3.5LPA
17	310620243046	Sabetha Sheenu S	Arcadia	5 LPA
18	310620423056	Swetha S	Tata Elxsi	3.5 LPA
19	310620243056	Swetha S	Accenture	4.6 LPA
20	310620243056	Swetha S	TCS	
21	310620243054	Sujit S	Maverick Systems	4 LPA
22	310620243037	Naveen kumar S	Hibiz Solutions	5 LPA
23	310620243055	Sushmeetha C K	L&T Technology Services	4LPA
24	310620243034	Muthu krishnan J	L&T Technology Services	4 LPA
25	310620243059	Thejesvini SV	ROX Hitech	3.5 LPA
26	310620243016	Haripriya K	Mu sigma	5 LPA
27	310620243052	Sneha M	Mu Sigma	5 LPA
28	310620243052	Sneha M	Accenture	4.6 LPA
29	310620243052	Sneha M	L&T Technology Services	4 LPA
30	310620243052	Sneha M	Infiniti Solutions	4 LPA
31	310620243050	Shruthi M	Mu Sigma	5 LPA
32	310620243047	Sanjay vs	Mu Sigma	5LPA
33	310620243036	Naresh S	L&T Technology Services	4LPA
34	310620243024	Kanishkaa R	L&T Technology Services	4 LPA

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35	310620243029	Manojkiran G	L&T Technology Services	4 LPA
36	310620243004	Anil Kumar D	Accenture	4.6 LPA
37	310620243023	Kanish goudam U G	Accenture	4.6 LPA
38	310620243041	Pelluru Keerthan	SKOLAR	6 LPA
39	310620243060	Vasanth M	TCS	3.6 LPA

Department of Cyber security

	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
23-24	4	2	1	1	1	-	-	-	-
2022-23	-	-	-	-	-	-	-	-	-

GUEST LECTURES/CORE TEACHING

Experts from Industry and Academia are invited to deliver lectures on the latest trends and thrust areas in Cyber Security

Academic Year - 2023-2024

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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1	Guest lecture on "How Generative AI is transforming Enterprise Processes"	Mr.Karthickraja Gopalakrishnan Responsible AI Lead Infosys, UK	20-03-2024	Gained knowledge in Generative AI and recent trends in AI
2	Guest Lecture on Cyber Security and its Career Opportunities	Mr. K. Karthikeyan Head- Product Security Logitech, Chennai	28-11-2023	Discussed about fortune companies and career Opportunities in cyber security
3	Guest Lecture on Career Opportunities in Cyber Security	Ms. Vasantha Krishnamuruthy Chief of Strategy and Growth Mr. Ravichandran K Director Operations Impacteers, Chennai	29-11-2023	Understood the career Opportunities in cyber security and discussed about fortune companies working on cyber security
4	Guest Lecture on Machine Learning	Mr. S. Eswar Associate CTS, Chennai	25-10-2023	Gained knowledge of machine learning. and also discussed mini-project opportunities for students of cyber security.

WORKSHOPS

Academic Year -2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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1	Workshop on Cyber Security and Ethical Hacking	Mr. R. Dhanoop, Cyber Security Analyst, Techbyheart India Pvt. Ltd., Kochi	16-04-2024	Gained awareness on the cyber secuirty threat and social media scam awarness
2	Keynote session on "Research Trends in IoT"	Samuel Tensingh Associate Lecture Schools of Biomedical Engineering University of Sydney, Australia	21-03-2024	Gained awareness on the Field od IoT and Discussed recent Research Trends in the Field of IoT

VALUE ADDED COURSES / CDC

Academic Year - 2023-24

S.NO.	TOPIC	Mode	DATE	OUTCOME
1	**Know Your Potential Online Aptitude Test**	Online	15-11-2023	Awareness created on recent Artificial Intelligence and Future Science

CONFERENCE

Academic Year - 2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	**International conference on Artificial Intelligence and Future Science (ICAIFS'24)**	Dr.Sundararaman Founder & CEO Jignyashika , Chennai,India	21-03-2024	Awareness created on recent Artificial Intelligence and Future Science

Industrial Visits

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S.No.	Date of Visit	Class	Name of the Industry Visited	Outcome of the Visit	Details of Course & Program outcome met
1	06.03.2023	II	Monolith Research and Training Labs	Exploring Knowledge on AR, VR and Mixed Reality	Augmented reality, Virtual Reality and Mixed Reality

Internships

-

Industry supported Laboratories

-

Industry Supported Courses

-

Centre of Excellence

-

Placements

-

Department of Automobile Engineering

Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24	18	3		1	-		1	1	-
2022-23	24	-		1	4		1	1	-
2021-22	22	-		1	6		1	1	-

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2020-21	22	2	1	-		1	-	-
2019-20	22	2	1	3		1	-	-

GUEST LECTURES/CORE TEACHING

Experts from Industry and Academia are invited to deliver lectures on the latest trends and thrust areas in Civil Engineering.

Academic Year - 2023-2024

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.				
2.				
3.				

Academic Year - 2022-2023

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Industry 4.0	Mr Rajkumar A, Sr. Manager – Mechatronics, Ashok Leyland, Ennore Plant, Chennai.	13-08-2022	Industry 4.0 revolutionizes manufacturing with advanced technologies like AI and IoT for interconnected, smart production systems.
2.	NDT Introduction	Mr.R.G Ganesan,Chaimen ISNT Chennai Chapter	19-08-2022	Non-Destructive Testing (NDT) ensures material integrity and safety without causing damage through various inspection techniques

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3.	Challenges in Electrical Vehicles	Mr.E.Karthikeyan Senior Manager-Proto Build,Mahindra and Mahindra	27-08-2022	Challenges in Electrical Vehicles include battery technology limitations, charging infrastructure development, cost concerns, and regulatory standards adaptation.
4.	Artificial Intelligence and Machine Learning	Dr.Shankar Venugopal , Vice President, Mahindra and Mahindra,	03-09-2022	Artificial Intelligence and Machine Learning empower systems to learn and adapt from data, revolutionizing industries through automation, decision-making, and predictive analytic
5.	Advanced CAD Tools	Dr.Kulasekharan Ph.D. Metier Technical Leader I,Valeo India Private Limited	10-09-2022	Advanced CAD Tools" workshop provided attendees with insights into the latest features and capabilities of CAD software, enabling them to leverage advanced tools for complex design tasks and streamline the product development process.
6.	Industrial Tribology	Mr.E.Suresh Kumar, Senior Manager- MG & FE,Ashok Leyland, Ennore Plant, Chennai.	24-09-2022	"Industrial Tribology" seminar explored the science and applications of tribology in industrial settings, focusing on friction, lubrication, and wear of interacting surfaces, with the aim of improving reliability, efficiency, and longevity

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				of mechanical systems.
7.	Pollution control and Standards	Mr Palani K, Manager - Safety & EMS, Ashok Leyland, Ennore Plant, Chennai.	01-10-2022	Pollution Control and Standards" seminar addressed regulations and technologies aimed at mitigating pollution in various industries, emphasizing compliance with environmental standards to minimize adverse impacts on air, water, and soil quality.
8.	Battery Management Systems in EV and Applications	Mr.S.Jegannathan, Engineer- Hardware , Mobiveli	08-10-2022	Battery Management Systems in EV and Applications" workshop provided insights into the design, operation, and applications of battery management systems in electric vehicles, highlighting their role in optimizing performance, extending battery life, and ensuring safety
9	Environment and its impact on Society	Mr. Karthic sethuraman, Senior Engineering Manager, CDA & Valvo Mechanical Simulation Expert, Valeo India Private Limited.	29-10-2022	"Environment and its Impact on Society" lecture raised awareness about the interconnectedness between environmental health and societal well-being, emphasizing the importance of sustainable practices and

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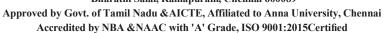**Bharathi Salai, Ramapuram, Chennai 600089**
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				policies for fostering a healthy and equitable society
10.	Automation in Industry	Mr. M.Ramesh, AGM-Vehicle Assembly, Ashok Leyland, Ennore Plant, Chennai.	05-11-2022	"Automation in Industry" seminar explored the latest advancements in industrial automation technologies, discussing robotics, AI, and IoT applications aimed at improving productivity, quality, and safety in manufacturing and other industrial sectors.
11.	Future Mobility and Value Proposition	Muralidharan Gopi ramesh,Lead Program Planner&Business Development Manager,Jeep-Indian &asia Pacific	19-11-2022	Future Mobility and Value Proposition" seminar explored emerging trends and technologies shaping the future of transportation, while also examining the evolving value propositions for consumers and businesses in the mobility ecosystem.
12	LIGHT Weighing of Automotive Structures using Machine Learning	Dr.Srinivas Gunti, Head Automotive Technical Capability Building Course Director, Mahindra Technical Academy	26-11-2022	"LIGHT Weighing of Automotive Structures using Machine Learning" workshop delved into the application of machine learning techniques for optimizing the design and manufacturing of lightweight automotive structures, with the aim

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				of improving fuel efficiency and performance while maintaining safety standards
13	Evolution of NDT in Industry	Mr.L.Vengadasamy, MD, ENMASS India Group	16.12.2022	Evolution of NDT in Industry" seminar traced the historical development and current trends in non-destructive testing (NDT) techniques across various industries, highlighting advancements in inspection technologies and their role in ensuring product integrity and safety.
14	Industry Expectations from Graduates	M.Sellamuthu& R.N. Velumani	30-01-2023	Industry Expectations from Graduates" panel discussion provided insights into the skills, competencies, and qualities that industries seek in new graduates, aiming to bridge the gap between academic training and industry needs while preparing students for successful careers.
15	Industrial Safety	Mr Lakshmana Perumal R, Deputy Manager - Axle Machining, Ashok Leyland, Ennore Plant, Chennai.	04-02-2023	"Industrial Safety" workshop addressed best practices, regulations, and technologies aimed at ensuring workplace safety, emphasizing the

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				importance of risk assessment, training, and proactive safety measures to prevent accidents and injuries.
16	Catalyzing Innovation: How CAE Transforms Research & Development	Mr.S.Seenuvas, Assistant Manager, R&D, Electric Vehicle, SONA COMSTAR	11-02-2023	Catalyzing Innovation: How CAE Transforms Research & Development" seminar showcased the role of Computer-Aided Engineering (CAE) in accelerating the product development process, enabling virtual prototyping, optimization, and simulation-driven design to drive innovation and reduce time-to-market.
17	8D Problem Solving Methodology and Poka yoke	Mr.H.Mohan Kumar, Principal Consultant and Trainer, MSP Global Technologies, Chennai.	18-02-2023	8D Problem Solving Methodology and Poka yoke" training session introduced participants to the structured problem-solving methodology of 8D (Eight Disciplines) and Poka yoke (error-proofing) techniques, empowering them to effectively address and prevent quality issues in manufacturing processes.
18	Unlocking CNC Machine Excellence:	Mr Sakthivel D, Deputy Manager - Gear Box Machining, Ashok	04-03-2023	Unlocking CNC Machine Excellence: Special Features,

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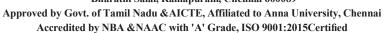
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	Special Features, Coordinate Systems, and Part Programming	Leyland, Ennore Plant, Chennai.		Coordinate Systems, and Part Programming" workshop provided insights into advanced features, programming techniques, and coordinate systems used in Computer Numerical Control (CNC) machines, enabling participants to optimize machining processes and improve productivity.
19	"Hydrogen as a Future Fuel	Mr.G.Venkatachalapathy Divisional Manager-Gear Box Mfg. Ashok Leyland, Ennore Plant, Chennai	11-03-2023	Hydrogen as a Future Fuel" seminar explored the potential of hydrogen as a clean and sustainable energy source for various applications, including transportation and power generation, discussing technological advancements, infrastructure development, and market opportunities in the hydrogen economy.
20	SAE Leadership Program	Mr.M.Manoharan, Former GM,Product Development, Ashok Leyland Limited	24-03-2023	The SAE Leadership Program aimed to develop leadership skills among participants, preparing them to excel in various roles within the automotive engineering industry.
21	"BS6 Emission Standards:	Mr Lakshmikanth B, Deputy Manager - Vehicle	08-04-2023	BS6 Emission Standards: Transforming

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	Transforming Society and the Environment"	Assembly, Ashok Leyland, Ennore Plant, Chennai.		Society and the Environment" seminar explored the impact of Bharat Stage VI emission standards on society and the environment, highlighting the technologies and strategies employed to reduce vehicle emissions and improve air quality.
22	Advanced Welding Automation	S.Praveen,Manager, Fronius(I) Pvt Ltd Chennai	19-04-2023	Advanced Welding Automation workshop provided insights into the latest advancements in welding automation techniques, including robotics and AI, aimed at improving efficiency, quality, and safety in welding processes.
23	Statistics for Engineers	Mr Thennarasu B, Sr. Manager – TQBM, Ashok Leyland, Ennore Plant, Chennai.	29-04-2023	Statistics for Engineers course equipped participants with essential statistical tools and techniques for data analysis and decision-making in engineering applications, fostering evidence-based problem-solving and optimization.
24	Heat Treatment Techniques and Practices in AL	Mr Babu Cherian M, Divisional Manager - Heat Treatment, Ashok Leyland, Ennore Plant, Chennai.	06-05-2023	Heat Treatment Techniques and Practices in Aluminium seminar delved into the specialized heat

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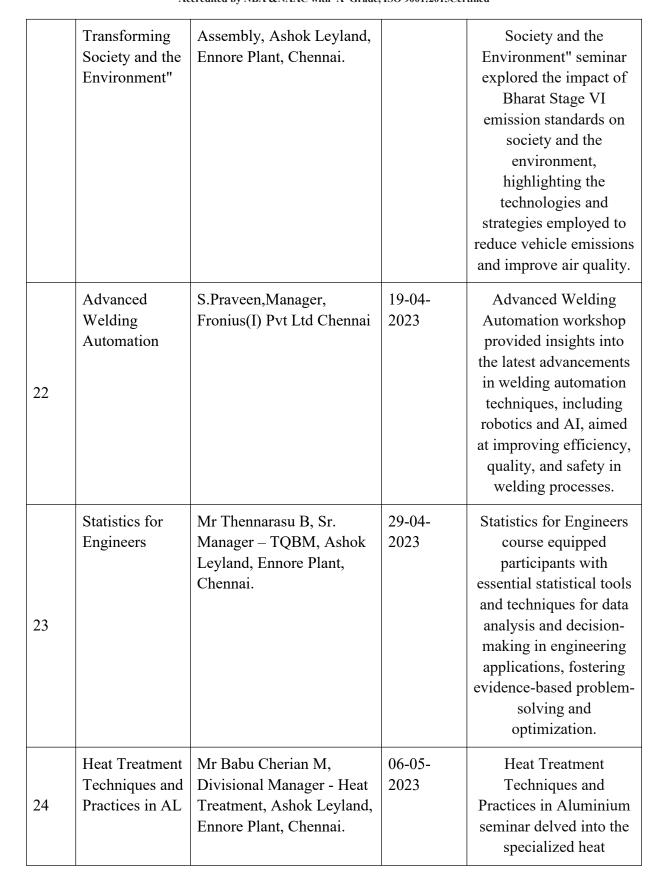**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**
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				treatment processes employed in aluminium manufacturing, discussing methods for enhancing material properties and performance in automotive and aerospace applications.

Academic Year - 2021-2022

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1	Expert Talk on "Industry Ready Professionals"	Mr.M.Chellamuthu Head-HR, Ashok Leyland.Chennai	17-07-2021	Expert Talk on "Industry Ready Professionals" focused on preparing students and professionals with the skills and mindset required to thrive in today's competitive industrial landscape, emphasizing practical knowledge and soft skills.
2	Guest Lecture on "DESIRable Skills for the Future"	Dr.Shankar Venugopal , Vice President, Mahindra and Mahindra,	12.08.2021	Guest Lecture on "DESIRable Skills for the Future" explored the evolving demands of the job market and highlighted essential skills such as adaptability, creativity, and digital literacy necessary for future success.
3	Seminar on	Mr K V Natarajan	19.08.2021	Seminar on

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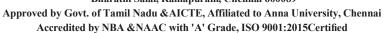
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	"Developments in Automotive Industry"	Plant Head, Ashok Leyland.Chennai		"Developments in Automotive Industry" provided insights into the latest trends, technologies, and challenges shaping the automotive sector, fostering dialogue and collaboration among industry stakeholders.
4	Seminar on "Automation of Automotive Industries"	Mr.T.S.Anantharajan, AGM- Plant Engineering & Unit Planning &IED Ashok Leyland, Ennore Plant, Chennai.	20.08.2021	Seminar on "Automation of Automotive Industries" discussed the role of automation in improving efficiency, quality, and safety in automotive manufacturing processes, showcasing recent advancements and best practices.
6	Expert Talk on "Design of Automotive Structures using Machine Learning"	Dr.Srinivas Gunti, Head Automotive Technical Capability Building Course Director, Mahindra Technical Academy	15.09.2021	Expert Talk on "Design of Automotive Structures using Machine Learning" introduced attendees to the application of machine learning algorithms in optimizing the design and performance of automotive structures, enabling more efficient and innovative designs.
7	Guest Lecture on " New Safety	Mr.N.V.Lijo, AGM-Mechatronics,	25.09.2021	Guest Lecture on "New Safety Features

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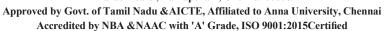**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**

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	features in Advanced CNC Machines"	Ashok Leyland, Ennore Plant, Chennai.		in Advanced CNC Machines" highlighted recent advancements in CNC machine technology, focusing on safety features aimed at preventing accidents and enhancing operator protection in machining operations.
8	Seminar on "Importance of Engineers in Environment and society"	Mr.E.Suresh Kumar, Senior Manager- MG & FE,Ashok Leyland, Ennore Plant, Chennai.	20.10.2021	Seminar on "Importance of Engineers in Environment and Society" emphasized the pivotal role engineers play in addressing environmental and societal challenges through sustainable practices, innovation, and responsible decision-making.
9	Seminar on " Industrial Hydraulics and Pneumatics"	Mr.A.Anand, Sr. Manager – TQBM, Ashok Leyland, Ennore Plant, Chennai.	21.10.2021	Seminar on "Industrial Hydraulics and Pneumatics" provided participants with insights into the principles, applications, and advancements in hydraulic and pneumatic systems, essential for various industrial automation and machinery.

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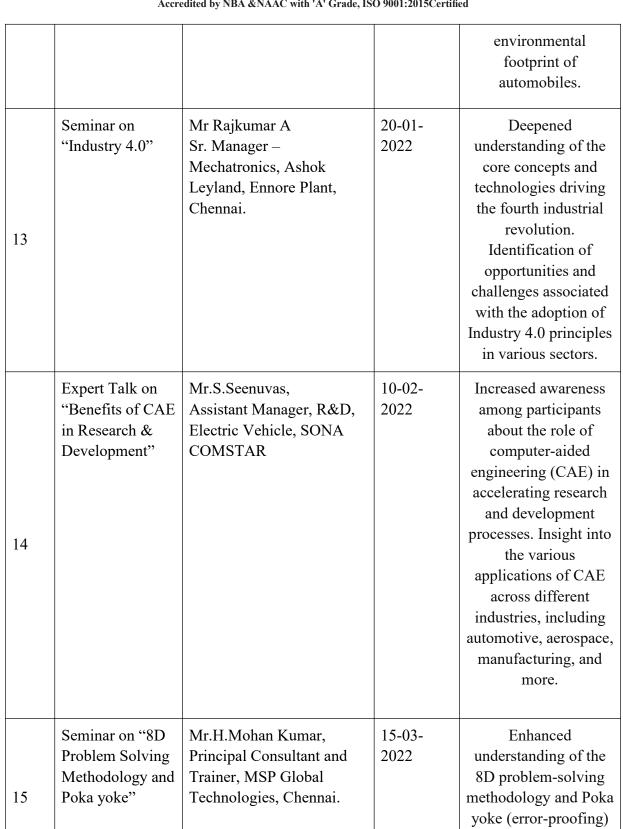
10	Expert Talk on "Development of Light weight Electric Vehicles"	Dr.Srinivas Gunti, Head Automotive Technical Capability Building Course Director, Mahindra Technical Academy	20.11.2021	Expert Talk on "Value Engineering" delved into the principles and methodologies of value engineering, highlighting approaches to optimize product value by balancing performance, cost, and quality considerations throughout the product lifecycle.
11	Expert talk on "Value Engineering"	Mr Murugesan A, Divisional Manager - Plant Head Office, Ashok Leyland, Ennore Plant, Chennai.	22.11.2021	Increased awareness among participants about the principles and techniques of value engineering. Participants equipped with practical strategies to identify and eliminate unnecessary costs while enhancing the value of products, processes, or services. .
12	Seminar on "Earth, Automobiles and Future"	Mr.Abdul Rasheed Manager Hyundai Motors Ltd	05-01-2022	Enhanced understanding of the relationship between automobiles, environmental sustainability, and future trends. Exploration of innovative technologies and solutions aimed at reducing the

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				environmental footprint of automobiles.
13	Seminar on "Industry 4.0"	Mr Rajkumar A Sr. Manager – Mechatronics, Ashok Leyland, Ennore Plant, Chennai.	20-01-2022	Deepened understanding of the core concepts and technologies driving the fourth industrial revolution. Identification of opportunities and challenges associated with the adoption of Industry 4.0 principles in various sectors.
14	Expert Talk on "Benefits of CAE in Research & Development"	Mr.S.Seenuvas, Assistant Manager, R&D, Electric Vehicle, SONA COMSTAR	10-02-2022	Increased awareness among participants about the role of computer-aided engineering (CAE) in accelerating research and development processes. Insight into the various applications of CAE across different industries, including automotive, aerospace, manufacturing, and more.
15	Seminar on "8D Problem Solving Methodology and Poka yoke"	Mr.H.Mohan Kumar, Principal Consultant and Trainer, MSP Global Technologies, Chennai.	15-03-2022	Enhanced understanding of the 8D problem-solving methodology and Poka yoke (error-proofing) techniques among participants.

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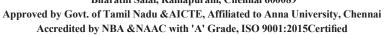**Bharathi Salai, Ramapuram, Chennai 600089**
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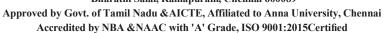|				
				Empowerment of participants with practical tools and strategies to effectively identify, analyze, and resolve complex problems in various industries.
16	Guest Lecture on "Principles of Electric Vehicles"	Mr.E.Karthikeyan Senior Manager-Proto Build,Mahindra and Mahindra	26-03-2022	Deepened understanding of the fundamental principles underlying electric vehicle technology, including components, propulsion systems, and battery technology. Exploration of the environmental and economic benefits of electric vehicles compared to traditional internal combustion engine vehicles.
17	Expert Talk on "Automotive Components Manufacturing Method and Processes"	Mr.G.Venkatachalapathy Divisional Manager-Gear Box Mfg. Ashok Leyland, Ennore Plant, Chennai	16-04-2022	Insight into the methodologies and processes involved in manufacturing automotive components, including casting, machining, forming, and assembly. Exploration of best practices and advanced manufacturing technologies driving

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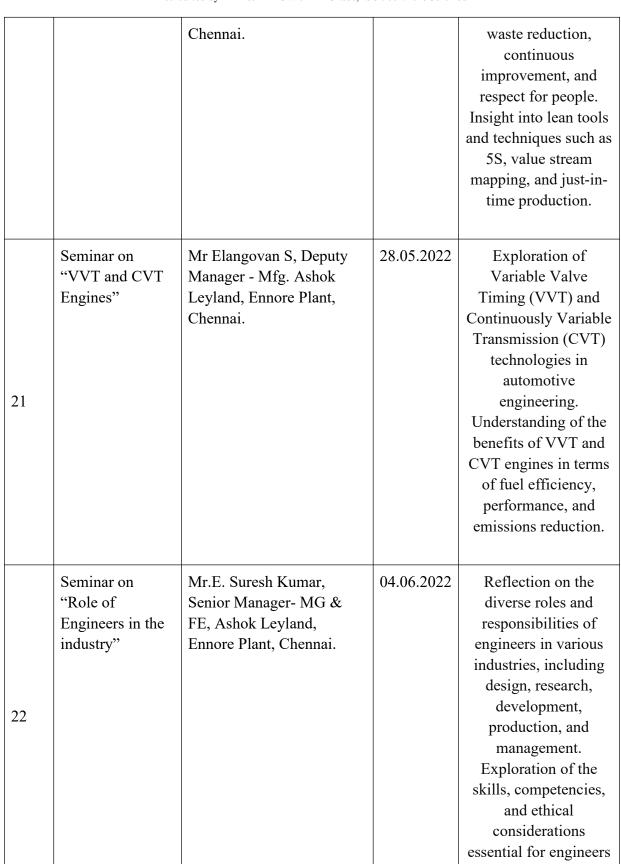**(An Autonomous Institution)**
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				efficiency, quality, and cost-effectiveness in the automotive industry.
18	Seminar on "Latest Innovations in Automation"	Mr Rajkumar A Sr. Manager – Mechatronics, Ashok Leyland, Ennore Plant, Chennai.	30.04.2022	Exposure to cutting-edge automation technologies and trends reshaping industries such as manufacturing, logistics, and services. Exploration of emerging technologies such as artificial intelligence, robotics, Internet of Things (IoT), and machine learning in automation.
19	Seminar on " Supply Chain Management and MBP Introduction"	Mr Arun B, Divisional Manager – MPL, Ashok Leyland, Ennore Plant, Chennai.	14.05.2022	Enhanced understanding of supply chain management principles and methodologies among participants. Introduction to Material Requirements Planning (MRP) and its role in optimizing inventory management and production scheduling.
20	Expert Talk on "Lean Manufacturing"	Mr Lakshmana Perumal R, Deputy Manager - Axle Machining, Ashok Leyland, Ennore Plant,	21.05.2022	Deepened understanding of lean manufacturing principles, including

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		Chennai.		waste reduction, continuous improvement, and respect for people. Insight into lean tools and techniques such as 5S, value stream mapping, and just-in-time production.
21	Seminar on "VVT and CVT Engines"	Mr Elangovan S, Deputy Manager - Mfg. Ashok Leyland, Ennore Plant, Chennai.	28.05.2022	Exploration of Variable Valve Timing (VVT) and Continuously Variable Transmission (CVT) technologies in automotive engineering. Understanding of the benefits of VVT and CVT engines in terms of fuel efficiency, performance, and emissions reduction.
22	Seminar on "Role of Engineers in the industry"	Mr.E. Suresh Kumar, Senior Manager- MG & FE, Ashok Leyland, Ennore Plant, Chennai.	04.06.2022	Reflection on the diverse roles and responsibilities of engineers in various industries, including design, research, development, production, and management. Exploration of the skills, competencies, and ethical considerations essential for engineers

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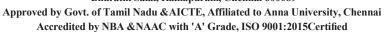**Bharathi Salai, Ramapuram, Chennai 600089**
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				to thrive in their professional careers.
23	Guest Lecture on "Digitalization in Industries"	Mr Ramesh M, Divisional Manager - Vehicle Assembly, Ashok Leyland, Ennore Plant, Chennai.	11.06.2022	Insight into the transformative impact of digitalization on industries, including manufacturing, healthcare, finance, and beyond. Exploration of digital technologies such as Internet of Things (IoT), big data analytics, artificial intelligence, and augmented reality.

Academic Year - 2020-2021

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Expert Talk on "Application of solid model in industry"	Mr.V.Surya Prakash, Manager, TCS	03.07.2020	Enhanced understanding of the practical applications of solid modeling techniques in various industries, such as manufacturing, engineering, and design. Insight into the benefits of using solid models for product design, simulation, visualization, and manufacturing processes.
2	Guest Lecture on "Manufacturing	Mr.Chandrasekar C, Divisional Manager -	04.07.2020	Comprehensive overview of various manufacturing

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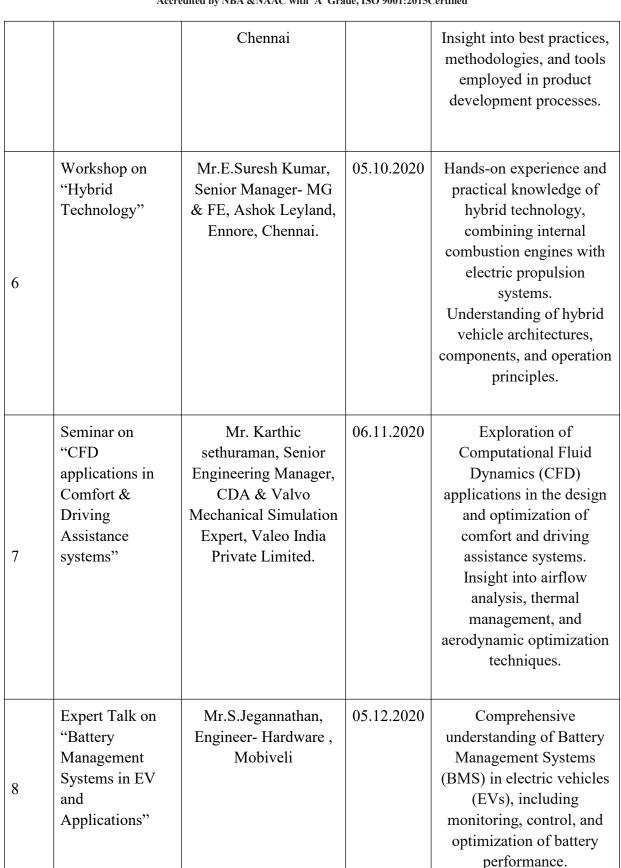Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified

	Process"	Unit Planning, Ashok Leyland, Ennore, Chennai.		processes, including casting, machining, forming, welding, and additive manufacturing. Explanation of the principles, advantages, and limitations of different manufacturing methods.
3	Seminar on "Opportunities and challenges in Electric Vehicles"	Dr.Kulasekharan Ph.D., Metier Technical Leader I, Valeo India Private Limited,Chennai	18.07.2020	Exploration of the current landscape of electric vehicles (EVs), including market trends, technological advancements, and regulatory developments. Discussion of the opportunities presented by EVs in terms of sustainability, energy efficiency, and urban mobility.
4	Seminar on "Industrial Hydraulics and Pneumatics"	Mr.A.Anand, Sr. Manager – TQBM, Ashok Leyland, Ennore, Chennai.	12.08.2020	Introduction to the principles and applications of hydraulic and pneumatic systems in industrial automation and machinery. Explanation of the components, working principles, and control mechanisms of hydraulic and pneumatic systems.
5	Expert Talk on "Product development"	Dr.G.Selvam, Principal Engineer(DGM) Auto Division- Product Development, Mahindra & Mahindra	04.09.2020	Enhanced understanding of the product development lifecycle, from conceptualization to commercialization.

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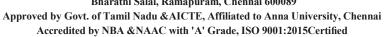## (An Autonomous Institution)
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			Chennai		Insight into best practices, methodologies, and tools employed in product development processes.
6	Workshop on "Hybrid Technology"	Mr.E.Suresh Kumar, Senior Manager- MG & FE, Ashok Leyland, Ennore, Chennai.	05.10.2020		Hands-on experience and practical knowledge of hybrid technology, combining internal combustion engines with electric propulsion systems. Understanding of hybrid vehicle architectures, components, and operation principles.
7	Seminar on "CFD applications in Comfort & Driving Assistance systems"	Mr. Karthic sethuraman, Senior Engineering Manager, CDA & Valvo Mechanical Simulation Expert, Valeo India Private Limited.	06.11.2020		Exploration of Computational Fluid Dynamics (CFD) applications in the design and optimization of comfort and driving assistance systems. Insight into airflow analysis, thermal management, and aerodynamic optimization techniques.
8	Expert Talk on "Battery Management Systems in EV and Applications"	Mr.S.Jegannathan, Engineer- Hardware , Mobiveli	05.12.2020		Comprehensive understanding of Battery Management Systems (BMS) in electric vehicles (EVs), including monitoring, control, and optimization of battery performance.

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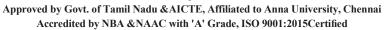**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

				Insight into the role of BMS in ensuring safety, longevity, and efficiency of EV batteries.
9	Expert Talk on "Engine Block Component Materials"	Mr Godfrey Selvaraj, Sr. Manager - Engine Machining; Ashok Leyland, Ennore, Chennai.	23.01.2021	In-depth understanding of the different materials used in engine block components, including metals, alloys, and composites. Insight into the selection criteria for engine block materials based on factors such as strength, weight, thermal conductivity, and cost.
10	Seminar on "Role of Engineers in industry"	Mr.E.Suresh Kumar, Senior Manager- MG & FE,Ashok Leyland, Ennore , Chennai.	20.02.2021	Reflection on the diverse roles and responsibilities of engineers across various industries, including design, research, development, production, and management. Exploration of the skills, competencies, and ethical considerations essential for engineers to thrive in their professional careers.

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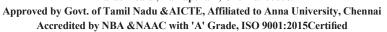**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

11	Expert Talk on "Applications of Hydraulics and Pneumatics in Automotive industry"	Mr.A.Anand, Sr. Manager – TQBM, Ashok Leyland, Ennore , Chennai.	13.05.2021	Exploration of the diverse applications of hydraulics and pneumatics in automotive systems, such as braking, suspension, steering, and transmission. Insight into the advantages of using hydraulic and pneumatic systems for power transmission, motion control, and actuation in vehicles.
12	Expert Talk on "LIGHT Weighing of Automotive Structures using Machine Learning"	Dr.Srinivas Gunti, Head Automotive Technical Capability Building Course Director, Mahindra Technical Academy	14.05.2021	Enhanced understanding of the application of machine learning techniques in the automotive industry, specifically for lightweighting of vehicle structures. Insight into how machine learning algorithms can analyze complex data sets to optimize material selection, design configurations, and manufacturing processes for lightweight automotive structures
13	Seminar on "Electric Vehicle – A New Era"	Mr.M.Ashwinkumar Ford India Pvt Ltd Chennai	15.05.2021	Comprehensive overview of the transition towards electric vehicles (EVs) and their role in shaping the future of transportation. Exploration of the environmental, economic, and technological drivers behind the rise of electric mobility

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14	Expert talk on "Importance of Value Engineering"	Mr Murugesan A, Divisional Manager - Plant Head Office, Ashok Leyland, Ennore, Chennai.	17.05.2021	Enhanced understanding among participants about the principles and significance of value engineering in various industries. Insight into how value engineering can help organizations optimize costs, improve quality, and enhance overall value proposition.
15	Guest Lecture on "Digitalization in Industries"	Mr Ramesh M, Divisional Manager - Vehicle Assembly, Ashok Leyland, Ennore, Chennai.	18.05.2021	Comprehensive overview of the transformative impact of digitalization on industrial processes, operations, and business models. Exploration of digital technologies such as Internet of Things (IoT), big data analytics, artificial intelligence, and augmented reality, and their applications across different industries.
16	Guest Lecture on "Importance of Factory Act 1948"	Mr.Panbarasan G, Divisional Manager Safety &EMS, Ashok Leyland, Ennore, Chennai.	19.05.2021	Insight into the historical context and objectives of the Factory Act 1948 in India, aimed at regulating labor conditions and ensuring workplace safety. Explanation of key provisions and compliance requirements under the Factory Act, including health and safety

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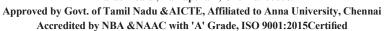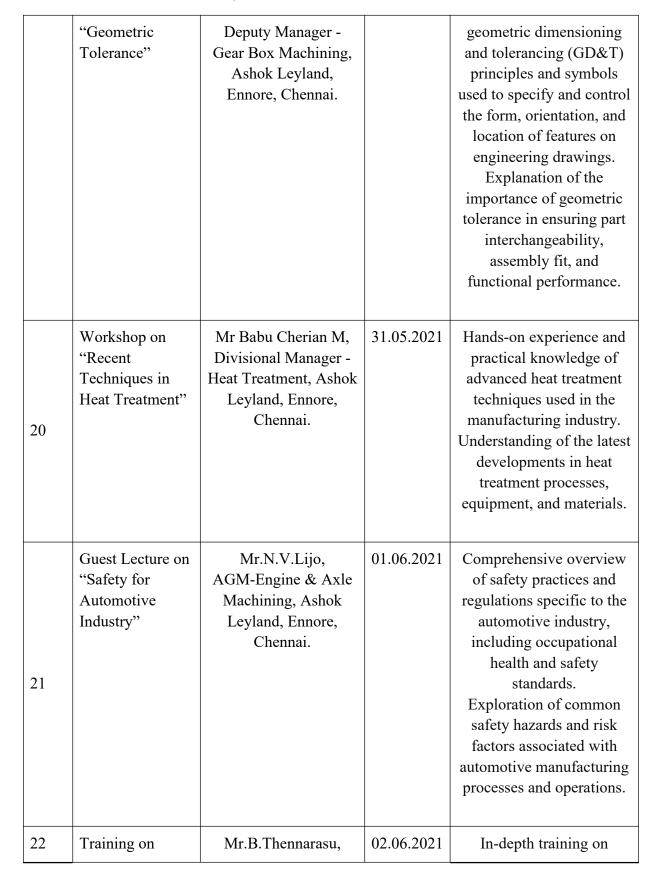
				standards, working hours, and welfare measures for workers.
17	Expert Talk on "Recent Developments in IC Engines"	Mr Murugan D, AGM - Engines Assembly, Ashok Leyland, Ennore, Chennai.	27.05.2021	Updated knowledge among participants about the latest advancements and trends in internal combustion (IC) engine technology. Insight into innovations such as downsizing, turbocharging, direct injection, and hybridization, and their impact on engine performance, efficiency, and emissions.
18	Guest Lecture on " Six Sigma and Lean Manufacturing"	Mr Kalpana S Sr. Manager – TQBM, Ashok Leyland, Ennore, Chennai.	28.05.2021	Comprehensive understanding of Six Sigma and Lean Manufacturing methodologies, including principles, tools, and techniques for process improvement and waste reduction. Exploration of how Six Sigma and Lean Manufacturing can be applied synergistically to optimize processes, enhance quality, and increase operational efficiency.
19	Guest Lecture on	Mr Sakthivel D,	29.05.2021	In-depth knowledge of

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		"Geometric Tolerance"	Deputy Manager - Gear Box Machining, Ashok Leyland, Ennore, Chennai.		geometric dimensioning and tolerancing (GD&T) principles and symbols used to specify and control the form, orientation, and location of features on engineering drawings. Explanation of the importance of geometric tolerance in ensuring part interchangeability, assembly fit, and functional performance.
20		Workshop on "Recent Techniques in Heat Treatment"	Mr Babu Cherian M, Divisional Manager - Heat Treatment, Ashok Leyland, Ennore, Chennai.	31.05.2021	Hands-on experience and practical knowledge of advanced heat treatment techniques used in the manufacturing industry. Understanding of the latest developments in heat treatment processes, equipment, and materials.
21		Guest Lecture on "Safety for Automotive Industry"	Mr.N.V.Lijo, AGM-Engine & Axle Machining, Ashok Leyland, Ennore, Chennai.	01.06.2021	Comprehensive overview of safety practices and regulations specific to the automotive industry, including occupational health and safety standards. Exploration of common safety hazards and risk factors associated with automotive manufacturing processes and operations.
22	Training on		Mr.B.Thennarasu,	02.06.2021	In-depth training on

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	"Quality Assurance for Manufacturing Industry"	Senior Manager-TQBM, Ashok Leyland, Ennore, Chennai.		quality assurance principles, methodologies, and tools applicable to the manufacturing industry. Hands-on exercises and case studies to reinforce concepts related to quality management systems, process control, and continuous improvement.

Academic Year - 2019-20

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Workshop on"Geometrical Dimensioning and Tolerance"	Mr.S.Nesmani, Team Leader, Mechanical Design, HCL Technology Ltd, Chennai	26.07.2019	Workshop on "Geometrical Dimensioning and Tolerance" provided participants with a deep understanding of geometric dimensioning principles, crucial for ensuring precision and interchangeability in engineering designs and manufacturing processes.
2	Expert talk on "Advancement in Machine Shop-Engine Component Machining"	Mr. S Shankar, Divisional Manager, Mechatronics,Shop-4, Ashok Leyland Pvt Ltd, Ennore	02.08.2019	Expert Talk on "Advancement in Machine Shop - Engine Component

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				Machining" showcased the latest technologies and methodologies in machine shop operations, enhancing efficiency and accuracy in the production of engine components.
3	Seminar on "Estimating Techniques and Development in Manufacturing"	Mr.C. Raguraman, Senior Analyst- Cost Estimation, Ford, Chennai	05.08.2019	Seminar on "Estimating Techniques and Development in Manufacturing" explored modern estimating techniques and their application in manufacturing processes, facilitating better cost control and project management.
4	Guest Lecture on "Bharat Stage VI Norms and Its Impact"	Mr.B.Lakshmikanth, Deputy Manager- Vehicle Assembly, Ashok Leyland Pvt Ltd, Ennore	07.08.2019	Guest Lecture on "Bharat Stage VI Norms and Its Impact" raised awareness about the regulatory standards for vehicle emissions and their implications for the automotive industry,

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				highlighting the importance of compliance and innovation in addressing environmental challenges.
5	Guest Lecture on "Battery Management System"	Mr. M.Praveenkumar, Visiting Faculty, Gandhigram Rural Institute, Dindugal	10.09.2019	Guest Lecture on "Battery Management System" provided comprehensive insights into the design, operation, and optimization of battery management systems, crucial for ensuring the efficiency, safety, and longevity of battery packs in various applications.
6	Seminar on "Modern Manufacturing process for Engine Design"	Mr. S Shankar, Divisional Manager, Mechatronics,Shop-4, Ashok Leyland Pvt Ltd, Ennore	23.09.2019	Seminar on "Modern Manufacturing Processes for Engine Design" explored contemporary manufacturing techniques employed in the design and production of engines, highlighting advancements

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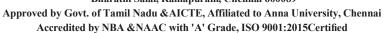Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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				driving efficiency, performance, and sustainability in the automotive industry.
7	Expert Talk on "Smart Factory"	Mr.A.Anand, Divisional Manager- Gear box Manufacturing, Ashok Leyland, Ennore Plant, Chennai.	14.10.2019	Expert Talk on "Smart Factory" delved into the integration of digital technologies and automation in manufacturing processes, showcasing the benefits of connectivity and data-driven decision-making for improved efficiency and productivity.
8	Guest Lecture on "Hybrid Technology"	Mr.E.Suresh Kumar, Senior Manager- MG & FE,Ashok Leyland, Ennore Plant, Chennai.	09.11.2019	Guest Lecture on "Hybrid Technology" provided insights into the principles and advancements of hybrid propulsion systems, highlighting their role in achieving fuel efficiency and reducing emissions in vehicles.
9	Expert Talk on "Recent	Mr.M.Ashwinkumar Ford	12.12.2019	Expert Talk on "Recent

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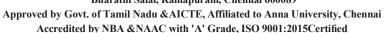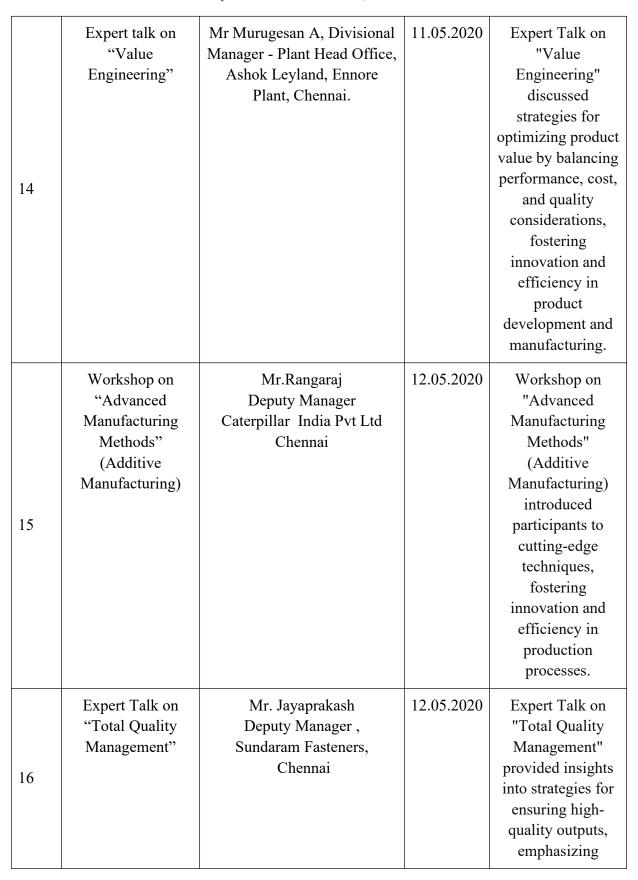**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**

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	Technologies in Manufacturing of Automotive components"	India Pvt Ltd Chennai		Technologies in Manufacturing of Automotive Components" explored cutting-edge techniques and materials used in automotive component manufacturing, showcasing advancements driving innovation and performance in the industry.
10	Expert Lecture on "Environment and its impact on Society"	Mr Palani K, Manager - Safety & EMS, Ashok Leyland, Ennore Plant,	10.01.2020	Expert Lecture on "Environment and its Impact on Society" raised awareness about environmental issues and their societal implications, emphasizing the importance of sustainable practices and responsible decision-making in manufacturing and beyond.
11	Seminar on "VVT and CVT Engines"	Mr Elangovan S, Deputy Manager - Mfg. Ashok Leyland, Ennore Plant, Chennai.	24.01.2020	Seminar on "VVT and CVT Engines" delved into Variable Valve Timing and Continuously Variable

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				Transmission technologies, showcasing advancements and applications in automotive engineering.
12	Seminar on "Advanced Manufacturing Methods In Lean Manufacturing"	Mr.Paramasivam, Assistant Manager Daimler India Pvt Ltd Chennai	13.02.2020	Seminar on "Advanced Manufacturing Methods in Lean Manufacturing" explored innovative techniques within the Lean Manufacturing framework, optimizing production processes for efficiency and waste reduction.
13	Expert Talk on "Lean Manufacturing"	Mr Lakshmana Perumal R, Deputy Manager - Axle Machining, Ashok Leyland, Ennore Plant, Chennai.	11.04.2020	Expert Talk on "Lean Manufacturing" provided in-depth insights into Lean principles and methodologies, emphasizing continuous improvement and waste elimination to enhance productivity and competitiveness.

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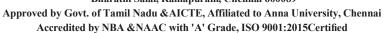## (An Autonomous Institution)
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14	Expert talk on "Value Engineering"	Mr Murugesan A, Divisional Manager - Plant Head Office, Ashok Leyland, Ennore Plant, Chennai.	11.05.2020	Expert Talk on "Value Engineering" discussed strategies for optimizing product value by balancing performance, cost, and quality considerations, fostering innovation and efficiency in product development and manufacturing.
15	Workshop on "Advanced Manufacturing Methods" (Additive Manufacturing)	Mr.Rangaraj Deputy Manager Caterpillar India Pvt Ltd Chennai	12.05.2020	Workshop on "Advanced Manufacturing Methods" (Additive Manufacturing) introduced participants to cutting-edge techniques, fostering innovation and efficiency in production processes.
16	Expert Talk on "Total Quality Management"	Mr. Jayaprakash Deputy Manager , Sundaram Fasteners, Chennai	12.05.2020	Expert Talk on "Total Quality Management" provided insights into strategies for ensuring high-quality outputs, emphasizing

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				continuous improvement and customer satisfaction.
17	Expert Talk on "5S Concepts"	Mr Arulmani P, AGM – TQBM, Ashok Leyland, Ennore Plant, Chennai.	13.05.2020	Expert Talk on "5S Concepts" elucidated principles of workplace organization, promoting efficiency, safety, and productivity through systematic organization and cleanliness.
18	Guest Lecture on "Digitalization in Industries"	Mr Ramesh M, Divisional Manager - Vehicle Assembly, Ashok Leyland, Ennore Plant, Chennai.	13.05.2020	Guest Lecture on "Digitalization in Industries" explored the integration of digital technologies in manufacturing, highlighting opportunities for optimization and automation to drive competitiveness and growth.
19	Seminar on " Supply Chain Management and MBP Introduction"	Mr Arun B, Divisional Manager – MPL, Ashok Leyland, Ennore Plant, Chennai.	14.05.2020	Seminar on "Supply Chain Management and MBP Introduction" facilitated understanding of efficient logistics

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				and introduced MBP strategies for streamlined operations.
20	Guest Lecture on "Engine Block protective coatings towards better performance"	Mr Sivakumar S S, Divisional Manager - Engine Machining, Ashok Leyland, Ennore Plant, Chennai.	15.05.2020	Guest Lecture on "Engine Block Protective Coatings Towards Better Performance" provided insights into innovative coatings, enhancing engine durability and efficiency.
21	Guest Lecture on "Engine Block Component Materials"	Mr Godfrey Selvaraj, Sr. Manager - Engine Machining; Ashok Leyland, Ennore Plant, Chennai.	18-05-2020	Guest Lecture on "Engine Block Component Materials" delved into materials science, showcasing advancements in engine component materials for improved performance and longevity.
22	Expert talk on "Road Safety Awareness"	Mr Palani K, Manager – Safety, Ashok Leyland, Ennore Plant, Chennai.	20-05-2020	Expert Talk on "Road Safety Awareness" raised awareness about road safety practices, promoting safer driving habits and reducing accidents

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					through education and advocacy efforts.

WORKSHOPS

Academic Year -2020-2021

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Workshop on "Hybrid Technology"	Mr.E.Suresh Kumar, Senior Manager- MG & FE, Ashok Leyland, Ennore, Chennai.	05.10.2020	Empowering interdisciplinary collaboration and fostering innovation through a Hybrid Technology workshop.	Catalyzing technological advancements and cross-industry integration through a workshop on Hybrid Technology.
2	Workshop on "Recent Techniques in Heat Treatment	Mr Babu Cherian M, Divisional Manager - Heat Treatment, Ashok Leyland, Ennore, Chennai.	31.05.2021	Optimizing material properties and manufacturing processes through insights gained from a workshop on Recent Techniques in Heat Treatment.	Elevating material performance and process efficiency through a workshop on Recent Techniques in Heat Treatment.

Academic Year -2019-2020

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS

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1	Workshop on"Geometric Dimensioning and Tolerance"	Mr.S.Nesmani, Team Leader, Mechanical Design, HCL Technology Ltd,Chennai	26.07.2019	Enhanced precision and competitiveness through standardized practices in geometrical dimensioning and tolerance workshops.	A workshop on "Geometric Dimensioning and Tolerance" enhances precision, quality, and competitiveness in manufacturing through standardized practices and improved communication.
2	**Workshop** on "Advanced Manufacturing Methods" (Additive Manufacturing)	Mr.Rangaraj Deputy Manager Caterpillar India Pvt Ltd Chennai	12.05.2020	Unlocking innovation and efficiency through advanced additive manufacturing methods in a single workshop session	Accelerating innovation and efficiency via a workshop on Additive Manufacturing, revolutionizing production paradigms.

CONFERENCE

Academic Year - 2023-24

S. NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International Virtual Conference on "Advances in automobile, manufacturing and mechanical	Dr. Xie Ming , NTU ,Singapore.	05.04.2024	Cutting-edge research showcased at the conference is poised to revolutionize automotive, manufacturing, and mechanical engineering landscapes, fostering

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	engineering			innovation and collaboration for future advancements.

Academic Year - 2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International Virtual Conference on "Advances in automobile, manufacturing and mechanical engineering	Xie Ming , NTU ,Singapore.	28.03.2023	Breakthroughs in automotive, manufacturing, and mechanical engineering presented, accelerating technological progress and fostering global collaboration for future innovations.

Academic Year - 2021-22

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	3 rd national e-conference on " Recent Development In Mechanical and Automobile Engineering	-	31.03.2021	The 3rd National E-Conference highlighted recent strides in Mechanical and Automobile Engineering, facilitating knowledge exchange and fostering collaborative avenues for future advancements in the field.

Academic Year 2020-2021

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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1	2nd National Conference on "Recent Development In Automobile And Mechanical Engineering	-	11.03.2020	The 2nd National Conference on Recent Developments in Automobile and Mechanical Engineering underscored emerging trends, fostering interdisciplinary dialogue and laying groundwork for future innovations in the fields.

Academic Year 2019-2020

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Recent Development In Automobile And Mechanical Engineering		01.03.2019	The Recent Development in Automobile and Mechanical Engineering emphasized cutting-edge advancements, promoting collaboration, and setting the trajectory for future breakthroughs in both fields.

INDUSTRY SUPPORTED COURSES

Industry supported courses are introduced as credit courses. The students can either go to the industry to take up the course or take up the course given by the skill center at the college.

Academic Year 2023-2024

S.NO.	TOPIC	INDUSTRY	DATE	OUTCOME
1.	Manufacturing Processes	TVS training and service, Chennai	05.02.2024-10.02.2024	• The Manufacturing Processes in TVS training and service event provided attendees with a comprehensive understanding of TVS's manufacturing techniques, fostering skill development and knowledge

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				exchange to enhance efficiency and quality in manufacturing operations.

Academic Year 2022-2023

S.NO.	TOPIC	INDUSTRY	DATE	OUTCOME
1.	Electric Vehicle	TVS training and service, Chennai	06.02.2023-10.02.2023	The Electric Vehicle TVS training and service in Chennai equipped participants with specialized knowledge and skills crucial for servicing and maintaining electric vehicles, contributing to the adoption and advancement of sustainable transportation solutions in the region.

Academic Year 2021-2022

S.NO.	TOPIC	INDUSTRY	DATE	OUTCOME
1.	Maintenance of drivelines and transmission	Ashok Leyland, Hosur	28.02.2022-04.03.2022	Maintenance of drivelines and transmission in Ashok Leyland, Hosur, emphasized efficient servicing and upkeep practices, ensuring optimal performance and longevity of vehicles, thereby contributing to enhanced reliability and customer satisfaction.

INDUSTRIAL VISITS
Academic Year 2022-23

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	Auto-Expo at Trade center, Chennai	20.04.2023	y this visit, our students Explore about the tools vailable for current auto Industry Developments
2	Auto-Expo at Trade center, Chennai	19.04.2023	xplore about the tools available for current auto Industry Developments

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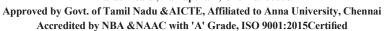| 3 | Renault Nissan India Pvt Ltd | 15.12.2022 | Our student participated in the seminar on Future mobility and value proposition. |
| 4 | Renault Nissan India Pvt Ltd | 01.12.2022 | Our student participated in the seminar on Future mobility and value proposition. |

Academic Year 2021-2022

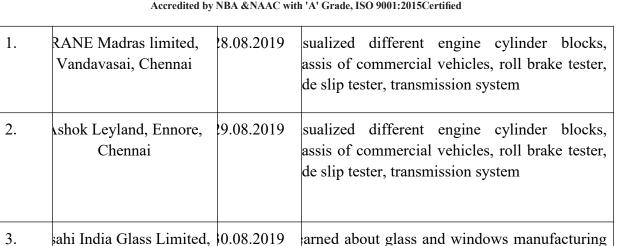| S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	Ashok Leyland, Hosur	14.03.2022	By this visit, our student had knowledge on automotive chassis and transmission to develop Go-Kart and E-Kart
2.	Ashok Leyland, Hosur	07.03.2022	By this visit, our student had knowledge on automotive chassis and transmission to develop Go-Kart and E-Kart. Won the fourth place in National level Kart competetions. By this visit, our students joined in internship and as graduate trainee.
3.	Ashok Leyland, Hosur	16.02.2022	By this visit, our student had knowledge on automotive chassis and transmission to develop Go-kart and E-Kart
4.	CIPET, Chennai	30.08.2021	By this visit, Our students knew the working principle and application of injection molding
5	CIPET, Chennai	29.08.2021	By this visit, Our students fabricated composites and taken test in the material testing laboratory available in the CIPET
6	CIPET, Chennai	28.08.2021	By this visit, Our students knew the working principle and application of injection molding

Academic Year 2019-2020

S.NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME

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1.	RANE Madras limited, Vandavasai, Chennai	28.08.2019	sualized different engine cylinder blocks, assis of commercial vehicles, roll brake tester, de slip tester, transmission system
2.	Ashok Leyland, Ennore, Chennai	29.08.2019	sualized different engine cylinder blocks, assis of commercial vehicles, roll brake tester, de slip tester, transmission system
3.	sahi India Glass Limited, riperumbudur, Chennai	30.08.2019	earned about glass and windows manufacturing ocess

Industry Supported Laboratories:

S.No.	Topic	Outcome	Relevance to PO PSOs
1	BMW Engine and transmission	The BMW Engine and Transmission event provided students with invaluable insights into automotive engineering, offering hands-on experience, networking opportunities, and a deeper understanding of cutting-edge technologies in the field.	PO1, PO4, PO5, PSO1, PSO2, PSO4
2	Transmission and Drivelines of ECO-Sport car	The Transmission and Drivelines session focused on the ECO-Sport car, delivering comprehensive insights into its efficiency, performance, and sustainability aspects, thereby fostering knowledge exchange and innovation in automotive engineering	PO1, PO4, PO5, PO12, PSO1, PSO2, PSO4
3	Transmission and Drivelines of Hyundai CRETA car	Exploring the Transmission and Drivelines of the Hyundai CRETA, attendees gained a nuanced understanding of its performance, efficiency, and engineering design, facilitating informed discussions and potential advancements in automotive technology.	PO1, PO4, PO5, PO12, PSO1, PSO2, PSO4

Department of Biomedical Engineering

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Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centr of Excellence
2023-24	6	-	-	-	-	-	-	-	-
2022-23	10	1	-	-	1	-	-	-	-
2021-22	4	-	-	-	1	-	-	-	-
2020-21	8	-	-	-	-	-	-	-	-
2019-20	-	-	-	-	-	-	-	-	-

GUEST LECTURES/CORE TEACHING

Experts from Industry and Academia are invited to deliver lectures on the latest trends and thrust areas in Biomedical Engineering.

Academic Year - 2023-2024

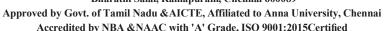| S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Placement Motivational Talk	Mr.A.Sivanidhi, Quality Assurance Leas, Capgemini, Gujarat	10.08.2023	Students had an idea to prepare for their upcoming placements and the job markets in Biomedical engineering

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2.	Exoert Talk on Research Internship (SAP)	Dr. Lakshmi Narasimhan, Director, International Relations, SRM Group of Institutons, Ramapuram	06.10.2023	Students got an idea about higher studies
3.	Seminar on Mental Health day - Importance of mental Health and Mental Hygeine for emerging adults	Mrs.S.Muthulakshmi, Counselling Psychologist, New Life Med Hospital, Chennai	10.10.2023	Students learnt the importance of Mental health
4.	Seminar on world food day - Impact of Diet and Lifestyle factors on Health	Dt. Vasugi Ayyavoo, Consultant Ditetitian, Kanaa Fertility Centre, Chennai	16.10.2023	Students learnt the importance of diet
5.	Inauguration of Student Society	Dr.Partheepan Rudrapathi CEO-Knowledge Xchange community and AcademicIT AWS Solutions Architect - Associate Lead	24.01.2024	Students got an idea on oppurtunities in Biomedical field
6.	Workshop: Medical Security Using Cyber Forensic	Mr.Sylesh, manager alibi company	09.02.2024	students got an idea on what is cyber security on medical data and ways to protect it

Academic Year - 2022-2023

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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No.	Topic	Speaker	Date	Outcome
1.	Seminar on Engineers Day	Muthukumar R Chief Executive Officer, Mur&Mur, Bioscience and Innovation, Chennai-600094. Mr. Naveen A CTO - Director Anthem Science Craft Pvt. Ltd. Chennai.	15.09.2022	Students learnt the importance of engineer in the society
2.	Mock Interview	Mr. M. Philip Samuel, Technology Lead from Infosys (EIE, Batch 2007—2011)	18.09.2022	Students got an experience of HR interview
3.	Training on First Aid – World Patient Safety Day	Mr. Karl Marks, Assistant manager, Alert NGO	19.09.2022	Students learnt how to give first aid during emergency conditions
4.	Inauguration of Student Society and Carrier Guidance	Mr. R. Kedarnath, Software Development Manager, Intelsat India	21.10.2022	Students got an idea on oppurtunities in Biomedical field
5.	Application of Biomaterials in wound Management	Dr. C. Sheela Sasikumar-M.Sc. M.Phil., Ph.D., F.S.E.Sc Head –Clinical Research and Product Development Hycare Super Speciality Hospital Chennai-600106	27.10.2022	Students got an exposure on Recent trends in Biomaterials
6.	Career Guidance on Internship Interview Strategies	V.Rahul Bharadwaj, Technical Consultant Intern - Ernst and Young India, New Delhi (EIE, Batch 2017—2021)	06.01.2023	Students got an overview of Internship interview strategies

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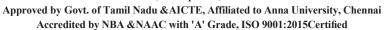**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

7.	Symposium	Dr.Karuna Sagar, IPS, Director General of Police - Welfare, Tamilnadu Police was the Chief Guest of the Event	03.03.2023	Students got an exposure to approach the society
8.	Mock Interview	V.Rahul Bharadwaj, Technical Consultant Intern - Ernst and Young India, New Delhi (EIE, Batch 2017—2021)	24.03.2023	Students got an experience of HR interview
9	Webinar and Seek and find your career passion	Snigdha Ganesh, Assistant Vice President, Innovation Manager, Financial services, Los Angeles EIE Batch 2009-2013	18.04.2023	Students got an idea on how to choose their career
10.	Seminar on Effects of Tobacco	Dr.T.Mansoor Ali, Dental Surgeon & Tobacco Cessation Specialist, Penn Nalam & Aan Nalam Hospital (NGO), Chennai.	31.05.2023	students learnt the effect of tobacco

Academic Year - 2021-2022

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Carrer Guidance Program on "Job Oppurtunities for Biomedical Engineers"	Mr.Boopathi Sakthivel, Founder, CEO & Biomedical Engineer, Prashan Medical Technologies, Coimbatore	17.07.2021	Students learnt the oppurtunities in BME

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2	Two-Week Online FDP on "Digital Transformation in Healthcare"	Mr.Boopathi Sakthivel, Founder, CEO & Biomedical Engineer, Prashan Medical Technologies, Coimbatore	02.08.2021 to 16.08.2021	Faculties learnt the expection of students from industry
3	Webinar on "Recent Trends in Biomedical Instrumentation"	Mr. S. Kumar, Senior Manager - Biomedical, T&M, TMI Systems, Benguluru.	31.08.2021	Students got an idea on oppurtunities in Biomedical field
4	Webinar on "World First Aid Day"	Dr. Sudharshana Sreekanthan, Homeopathic Physician, Ganapathi Homeo Care, Chennai	11.09.2021	Student learnt the First day method

Academic Year - 2020-2021

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Webinar on "Scope of Biomedical Engineering"	Mr.G.Saravanan, Regional Manager, J.K Medical System Pvt.Ltd., Chennai	12.02.2021	Students learnt the oppurtunities in BME
2.	Student Out Reach Program on "Safety & Preventive Measures for COVI19"	Dr.B.Josephine, Senior Assistant Surgeon, Block Medical Officer, Puzhal, Govt of Tamilnadu	29.03.2021	Faculties learnt the expection of students from industry

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3.	Webinar on "Awareness on oral cancer – Rising Tide Among Younger Population -World No Tobacco Day"	Dr.P santhosh Rajan, MDS., Oral & Maxillo-facial Surgeon, Rajan Oral Cancer Center & Penn Nalam Hospitals, Chennai	31.05.2021	Students got an idea on oppurtunities in Biomedical field
4.	Webinar on "World Sickle Cell Day"	Dr.K.G.Tamil Oviya Arasi, B.S.M.S.,MscPH,, Project Associate(Central Govt) CSIR-TKDL., chennai	19.06.2021	Student learnt the First day method
5.	Core Teaching on "Industrial Flow of ASIC Design"	Mr.Murali Krishna, Senior Physical Design Engineer, Tech Mahindra Cerium Systems, Bengaluru	16.10.2021	Students learnt the Industrial Flow of ASIC design
6.	Webinar on Awareness on Breast Cancer	Dr.Sujatha Rajinikanth, Penn Nalam Hospitals, Chennai.	30.10.2021	Students got an awareness on Breast cancer
7.	Core Teaching Guest Lecture on "Clinical Evaluation and its requirements in Medical Device Regulation"	Salmaan Rasheed M B.E., Medical Writer HCL Technologies, Madurai	31.11.2021	Students learnt the process of Clinical Evaluation and requires in medical device
8.	CAREER GUIDANCE IN BIOMEDICAL ENGINEERING	Mr. Karthik Balasubramanian, Group Project Manager, HCL Technologies, Chennai.	24.12.2021	Students received the guidance of Biomedical Engineering

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WORKSHOP

Academic Year 2022-23

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Worshop	Service engineers from AKAS MEdical Systems	07-10-2022	students gained knowledge on diagnostic and therapeutic equipments

INDUSTRIAL VISITS

Academic Year 2022-23

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	IITM Madras	17.12.2022	Students get to know the recent research in biomedical

Academic Year 2021-2022

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	Atheena Milagi Pandian, Atheena Pandian Private Limited, Thenkasi & Chennai.	25.09.2021	Students Got an experience on equipments in hospital

FDP

S.NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	TMI Systems	18-01-2023 TO 24-01-2023	Faculties got an overview on Recent trends

Department of Computer Science and Engineering

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Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24	16	4	3	1	18	189	1	-	2
2022-23	22	4	2	-	12	192	1	-	2
2021-22	10	4	3	-	9	131	1	6	1
2020-21	17	3	-	1	3	75	1	-	1
2019-20	6	-	-	-	7	95	1	-	1

GUEST LECTURES/CORE TEACHING

Experts from Industry and Academia are invited to deliver lectures on the latest trends and thrust areas in Computer Science and Engineering.
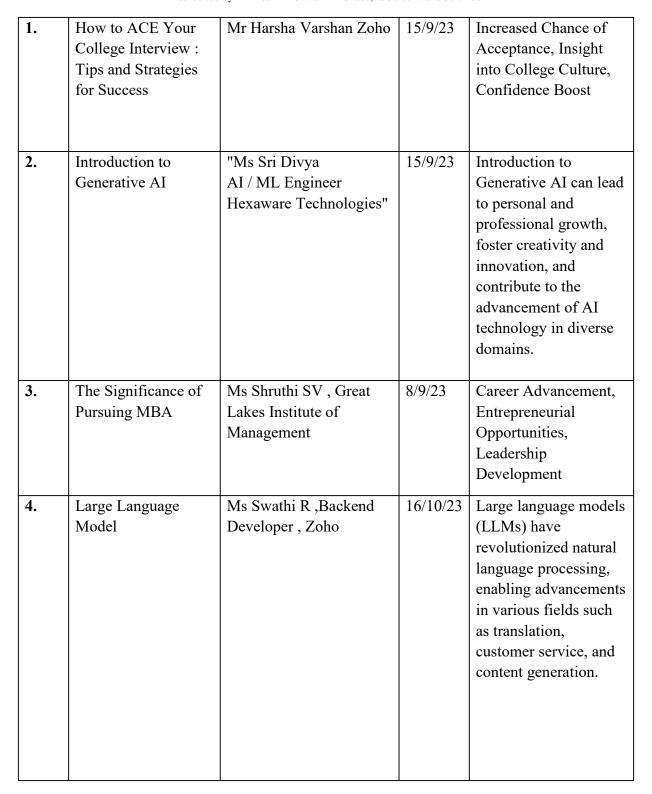
Academic Year - 2023-2024

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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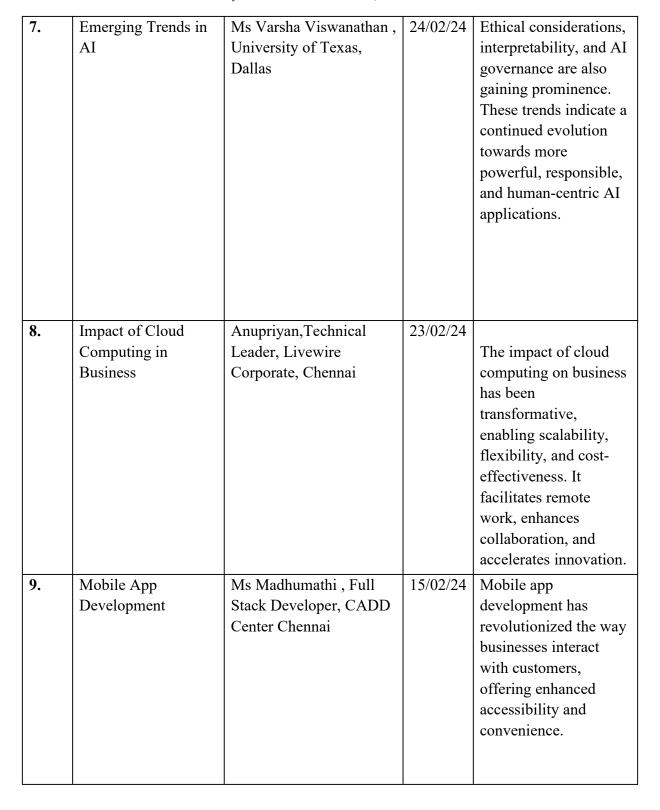Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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1.	How to ACE Your College Interview : Tips and Strategies for Success	Mr Harsha Varshan Zoho	15/9/23	Increased Chance of Acceptance, Insight into College Culture, Confidence Boost
2.	Introduction to Generative AI	"Ms Sri Divya AI / ML Engineer Hexaware Technologies"	15/9/23	Introduction to Generative AI can lead to personal and professional growth, foster creativity and innovation, and contribute to the advancement of AI technology in diverse domains.
3.	The Significance of Pursuing MBA	Ms Shruthi SV , Great Lakes Institute of Management	8/9/23	Career Advancement, Entrepreneurial Opportunities, Leadership Development
4.	Large Language Model	Ms Swathi R ,Backend Developer , Zoho	16/10/23	Large language models (LLMs) have revolutionized natural language processing, enabling advancements in various fields such as translation, customer service, and content generation.

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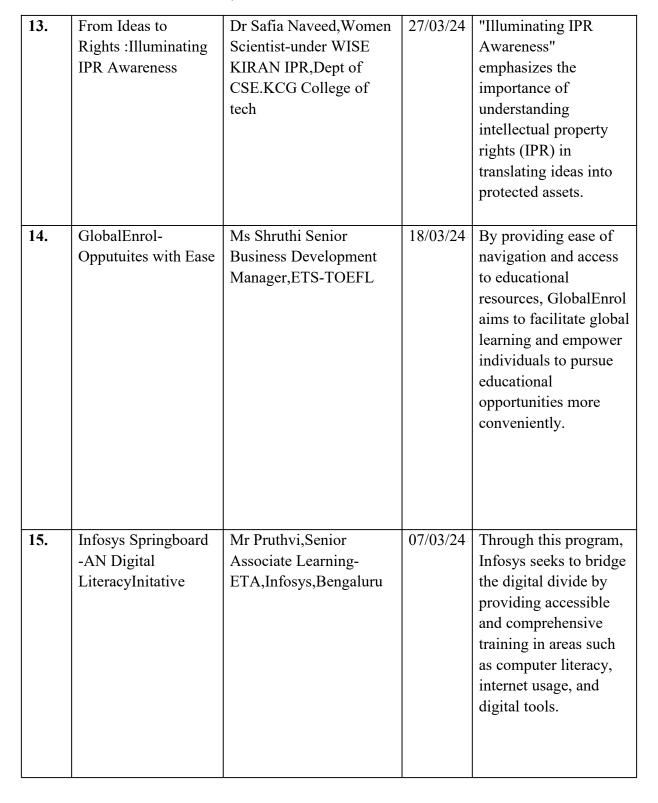Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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5.	Tech Tetra Trove	Coding Club Members	17/10/23	"Tech Tetra Trove" suggests a focus on technology across four domains, possibly denoting innovation, exploration, and advancement in various technological fields. It hints at a repository or treasure trove of tech-related knowledge, solutions, or ideas.
6.	Entrepreneurship-Exploring Innovation, Sustainability AND Growth	Mr Thangavel Puhal, CEO DigiNadu	27/02/24	Entrepreneurship today is characterized by a focus on innovation, sustainability, and growth. Entrepreneurs are exploring new ways to create value while addressing environmental and social concerns.

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7.	Emerging Trends in AI	Ms Varsha Viswanathan , University of Texas, Dallas	24/02/24	Ethical considerations, interpretability, and AI governance are also gaining prominence. These trends indicate a continued evolution towards more powerful, responsible, and human-centric AI applications.
8.	Impact of Cloud Computing in Business	Anupriyan,Technical Leader, Livewire Corporate, Chennai	23/02/24	The impact of cloud computing on business has been transformative, enabling scalability, flexibility, and cost-effectiveness. It facilitates remote work, enhances collaboration, and accelerates innovation.
9.	Mobile App Development	Ms Madhumathi , Full Stack Developer, CADD Center Chennai	15/02/24	Mobile app development has revolutionized the way businesses interact with customers, offering enhanced accessibility and convenience.

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10.	AI in Education and Research	Mr S Sakthivel	15/02/24	Personalizing learning pathways, automating administrative tasks, and facilitating data-driven research, AI can enhance efficiency and effectiveness in both educational institutions and research laboratories.
11.	Communication and Engagement	Mr Craig Nicol , Communication and Engagement Lead, University of Glasgow	14/03/24	Effective communication and engagement are essential for building relationships, fostering collaboration, and driving success in various contexts, including business, education, and social interactions.
12.	Applications of OOPs and Data Structures	Mr B Raj Kumar Software Engineer, One Yes Infotech Solutions	28/03/24	Applications of object-oriented programming (OOPs) and data structures are pervasive in software development, facilitating modular, reusable code design and efficient organization and manipulation of data.

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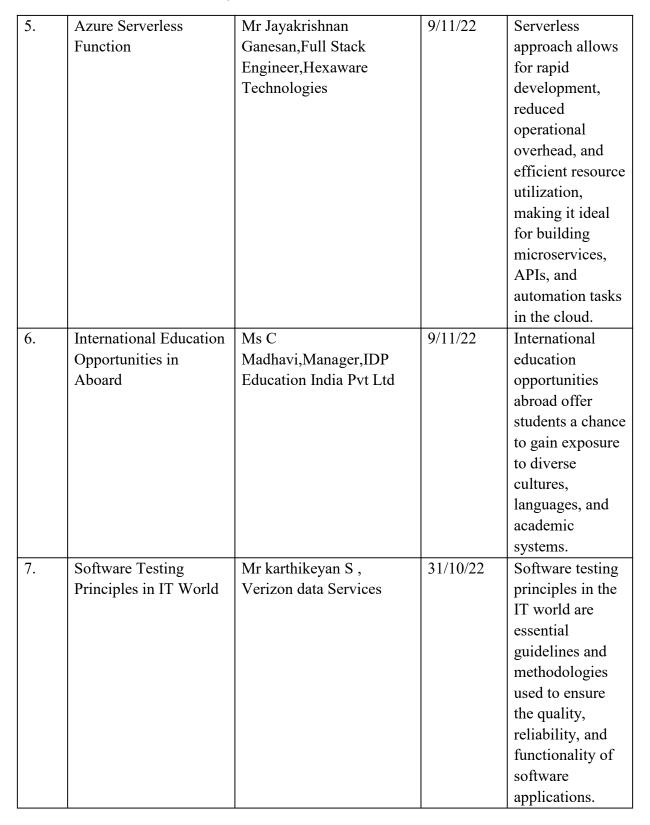**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**
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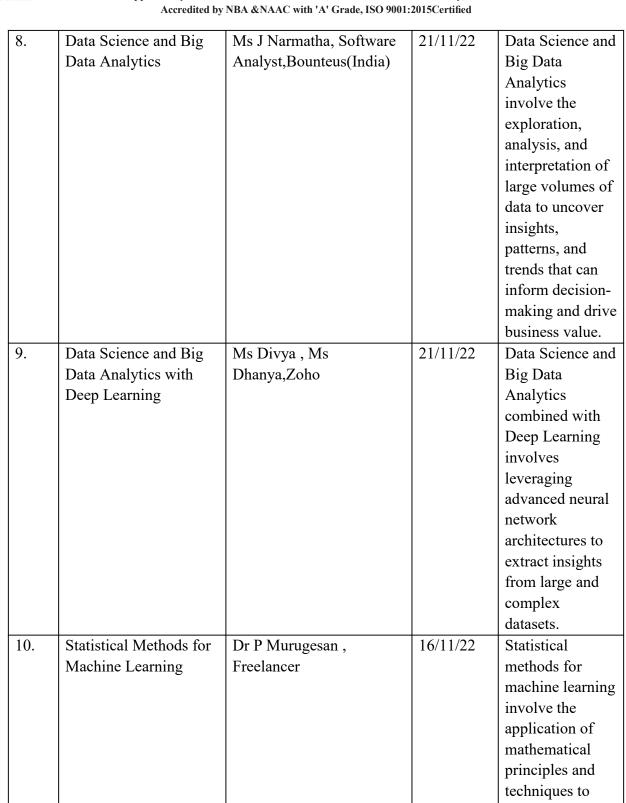| 13.	From Ideas to Rights :Illuminating IPR Awareness	Dr Safia Naveed,Women Scientist-under WISE KIRAN IPR,Dept of CSE.KCG College of tech	27/03/24	"Illuminating IPR Awareness" emphasizes the importance of understanding intellectual property rights (IPR) in translating ideas into protected assets.
14.	GlobalEnrol-Opputuites with Ease	Ms Shruthi Senior Business Development Manager,ETS-TOEFL	18/03/24	By providing ease of navigation and access to educational resources, GlobalEnrol aims to facilitate global learning and empower individuals to pursue educational opportunities more conveniently.
15.	Infosys Springboard -AN Digital LiteracyInitative	Mr Pruthvi,Senior Associate Learning-ETA,Infosys,Bengaluru	07/03/24	Through this program, Infosys seeks to bridge the digital divide by providing accessible and comprehensive training in areas such as computer literacy, internet usage, and digital tools.

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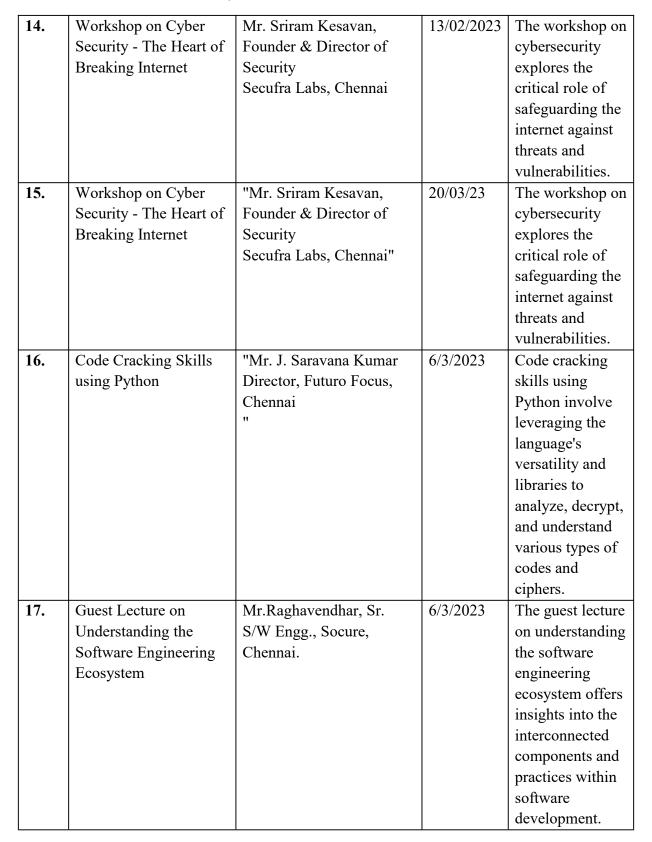**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

16.	Data Analytics using Power BIand Tableau	Mr S Shiva Freelancer	05/03/24	Harnessing the capabilities of Power BI and Tableau, organizations can streamline data analysis processes, uncover trends, and communicate findings effectively, ultimately driving business growth and innovation.

Academic Year - 2022-2023

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Industry Trends in Machine Learning	Mr P Balajee, Sofware Engineer,Global Techno Solutions,Chennai	13/10/22	Industry trends in machine learning indicate a growing emphasis on practical applications, such as automated decision-making systems, personalized user experiences, and predictive analytics.
2.	Object Oriented Programming in C++	Mr D Loganathan, Senior Sofware Engineer,Global Techno Solutions,Chennai	13/10/22	OOP principles enable developers to model real-world entities and relationships, leading to clearer, more structured

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				programs.
3.	Industry Trends in Machine Learning and Artificial Intelligence	Mr P Balajee, Sofware Engineer,Global Techno Solutions,Chennai	26/10/22	Trends indicate a maturing industry focused on deploying ML and AI technologies responsibly and at scale to address diverse business challenges and societal needs.
4.	Importance of Higher Studies in Aboard	Mr H Abdul Navas	7/11/22	The importance of higher studies abroad lies in the opportunities it provides for academic and personal growth, exposure to diverse cultures, access to world-class education and research facilities, and enhanced career prospects.

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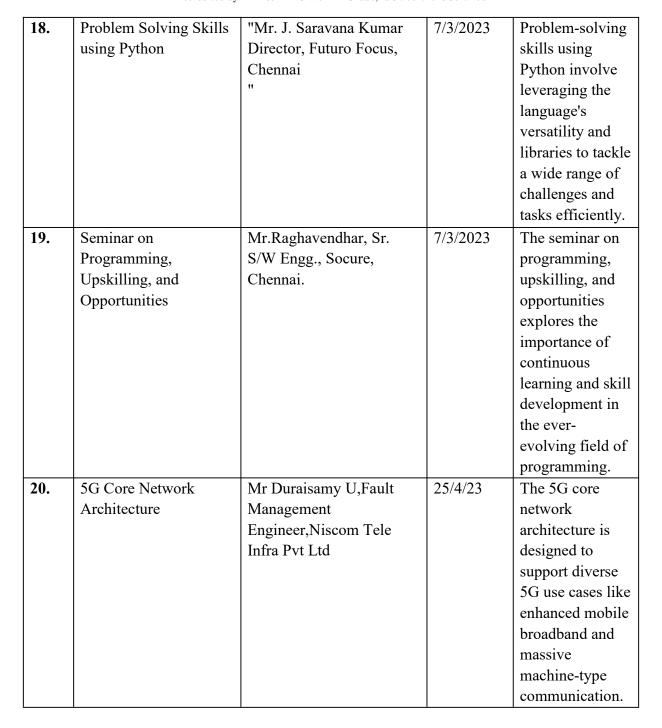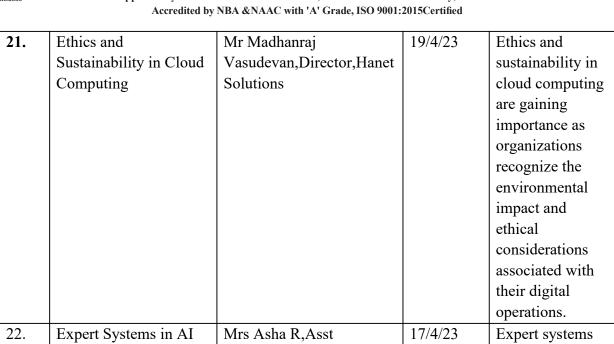**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

5.	Azure Serverless Function	Mr Jayakrishnan Ganesan,Full Stack Engineer,Hexaware Technologies	9/11/22	Serverless approach allows for rapid development, reduced operational overhead, and efficient resource utilization, making it ideal for building microservices, APIs, and automation tasks in the cloud.
6.	International Education Opportunities in Aboard	Ms C Madhavi,Manager,IDP Education India Pvt Ltd	9/11/22	International education opportunities abroad offer students a chance to gain exposure to diverse cultures, languages, and academic systems.
7.	Software Testing Principles in IT World	Mr karthikeyan S , Verizon data Services	31/10/22	Software testing principles in the IT world are essential guidelines and methodologies used to ensure the quality, reliability, and functionality of software applications.

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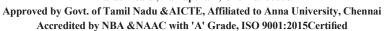**Bharathi Salai, Ramapuram, Chennai 600089**
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8.	Data Science and Big Data Analytics	Ms J Narmatha, Software Analyst,Bounteus(India)	21/11/22	Data Science and Big Data Analytics involve the exploration, analysis, and interpretation of large volumes of data to uncover insights, patterns, and trends that can inform decision-making and drive business value.
9.	Data Science and Big Data Analytics with Deep Learning	Ms Divya , Ms Dhanya,Zoho	21/11/22	Data Science and Big Data Analytics combined with Deep Learning involves leveraging advanced neural network architectures to extract insights from large and complex datasets.
10.	Statistical Methods for Machine Learning	Dr P Murugesan , Freelancer	16/11/22	Statistical methods for machine learning involve the application of mathematical principles and techniques to analyze data, derive insights, and make predictions.

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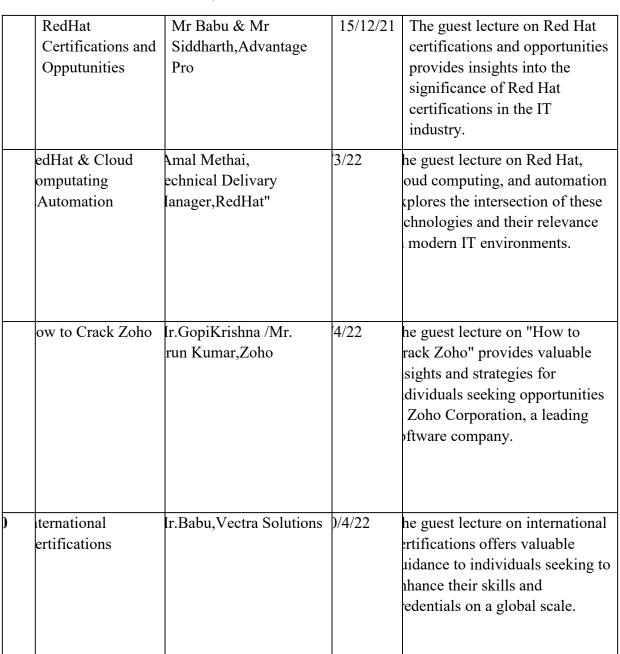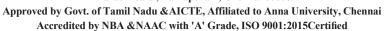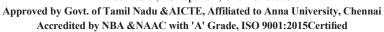**Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified**

11.	Opportunities for Young entrepreneur	Mr Vignesh Pandiarajan , CEO Seema Housewares	3/11/22	Access to technology, global markets, and supportive ecosystems, aspiring entrepreneurs can turn their innovative ideas into successful ventures.
12.	Business Intelligence end Analytics	Mr Aravind Raman, Data Scientist,Dow Chemicals	22/11/22	Business Intelligence (BI) and Analytics involve the use of data analysis tools and techniques to extract insights from large datasets, enabling organizations to make informed decisions and drive strategic initiatives.
13.	Multithreading and its Applications	Mr Harish S , Software Engineer,PayPal	11-3-23	Multithreading allows applications to perform multiple tasks simultaneously, enhancing performance, responsiveness, and scalability.

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14.	Workshop on Cyber Security - The Heart of Breaking Internet	Mr. Sriram Kesavan, Founder & Director of Security Secufra Labs, Chennai	13/02/2023	The workshop on cybersecurity explores the critical role of safeguarding the internet against threats and vulnerabilities.
15.	Workshop on Cyber Security - The Heart of Breaking Internet	"Mr. Sriram Kesavan, Founder & Director of Security Secufra Labs, Chennai"	20/03/23	The workshop on cybersecurity explores the critical role of safeguarding the internet against threats and vulnerabilities.
16.	Code Cracking Skills using Python	"Mr. J. Saravana Kumar Director, Futuro Focus, Chennai "	6/3/2023	Code cracking skills using Python involve leveraging the language's versatility and libraries to analyze, decrypt, and understand various types of codes and ciphers.
17.	Guest Lecture on Understanding the Software Engineering Ecosystem	Mr.Raghavendhar, Sr. S/W Engg., Socure, Chennai.	6/3/2023	The guest lecture on understanding the software engineering ecosystem offers insights into the interconnected components and practices within software development.

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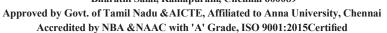Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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18.	Problem Solving Skills using Python	"Mr. J. Saravana Kumar Director, Futuro Focus, Chennai "	7/3/2023	Problem-solving skills using Python involve leveraging the language's versatility and libraries to tackle a wide range of challenges and tasks efficiently.
19.	Seminar on Programming, Upskilling, and Opportunities	Mr.Raghavendhar, Sr. S/W Engg., Socure, Chennai.	7/3/2023	The seminar on programming, upskilling, and opportunities explores the importance of continuous learning and skill development in the ever-evolving field of programming.
20.	5G Core Network Architecture	Mr Duraisamy U,Fault Management Engineer,Niscom Tele Infra Pvt Ltd	25/4/23	The 5G core network architecture is designed to support diverse 5G use cases like enhanced mobile broadband and massive machine-type communication.

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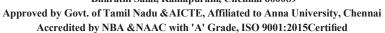**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**
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21.	Ethics and Sustainability in Cloud Computing	Mr Madhanraj Vasudevan,Director,Hanet Solutions	19/4/23	Ethics and sustainability in cloud computing are gaining importance as organizations recognize the environmental impact and ethical considerations associated with their digital operations.
22.	Expert Systems in AI	Mrs Asha R,Asst Professor,Satyabama Institute of Science and Technology	17/4/23	Expert systems in AI are specialized programs designed to mimic the decision-making abilities of human experts in specific domains.

Academic Year - 2021-2022

.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
	Internet of Things (IoT): Introduction, Architecture, Applications & Industry Trends	Abhijeet Deogirikar Founder & CEO, CopperCloud IOTech Pvt Ltd	16.08.21	The Internet of Things (IoT) connects devices to exchange data and perform tasks. Its architecture includes sensors, connectivity, and data processing layers.

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	Open Source Technology & Operating System	Abdul Majeed Khan Y,RedHat Technologies	21-09-21	Open source technology and operating systems offer flexibility and transparency. Linux and FreeBSD are popular open source operating systems, powering various devices and servers.
	An Insight into Microservice	"Ms.Maithreyi Rajagopalan, Software Engineer, Microsoft Corporation, Bellevue, WA, USA."	25-09-21	The guest lecture on microservices provides an overview of this architectural approach, emphasizing its benefits and principles.
	IT Trendz Adapting Automation Technology	Abdul Majeed Khan Y,RedHat Technologies	29-9-21	The guest lecture on IT trends adapting automation technology explores the transformative impact of automation on various industries and sectors.
	Career Guidance for Higher Education	Ms Nivedha Sathyanarayan	27-10-21	The guest lecture on career guidance for higher education offers valuable insights and advice to students navigating their academic and professional journeys.
	Open Source Operating Systems and their Architectures	Mr Babu & Mr Siddharth,Advantage Pro	14/12/21	The guest lecture on open-source operating systems (OS) and their architectures provides an overview of the principles and structures behind popular OS like Linux and FreeBSD.

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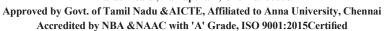**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**
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	Topic	Resource Person	Date	Outcome
	RedHat Certifications and Opputunities	Mr Babu & Mr Siddharth,Advantage Pro	15/12/21	The guest lecture on Red Hat certifications and opportunities provides insights into the significance of Red Hat certifications in the IT industry.
	edHat & Cloud omputating Automation	Amal Methai, echnical Delivary Ianager,RedHat"	3/22	he guest lecture on Red Hat, oud computing, and automation xplores the intersection of these chnologies and their relevance modern IT environments.
	ow to Crack Zoho	Ir.GopiKrishna /Mr. run Kumar,Zoho	4/22	he guest lecture on "How to rack Zoho" provides valuable sights and strategies for dividuals seeking opportunities Zoho Corporation, a leading oftware company.
	ternational ertifications	Ir.Babu,Vectra Solutions	0/4/22	he guest lecture on international ertifications offers valuable uidance to individuals seeking to nhance their skills and edentials on a global scale.

Academic Year - 2020-2021

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1	Software Standards & role of Software Engineer in Avionics System Development	Mr V Satish Kumar, Software Engineer, Collins Aerospace Avionics Domain, Bengaluru	01/08/20	Participants delved into the pivotal role of software engineers in avionics system development, emphasizing adherence to safety standards and overcoming challenges like real-time performance requirements.
2	Dev Ops	Mr Surya, Technical Staff Member, Zoho Chennai	4/09/20	Guests learned how DevOps streamlines software development, fosters collaboration between teams, and accelerates software delivery through automation and continuous integration/continuous delivery (CI/CD) pipelines.
3	Scrum –An Agile Framework	Mr Shasank Balaji, Software Engineer, Mphasis Chennai	4/09/20	Guests gained an understanding of Scrum as an agile framework, learning how it promotes iterative development, enhances team collaboration, and improves project visibility through sprints, daily stand-ups, and sprint reviews.
4	The Science Behind The Data Science	Ms.G.Madhumitha, Data Scientist, Whirl Data Sciences, Chennai	5/09/20	Attendees delved into the scientific principles underpinning data science, understanding how it combines statistics, mathematics, and computer science to extract meaningful insights from data.

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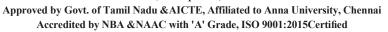## (An Autonomous Institution)
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5	Agile Methodologies	Ms.Monika Sneha Priya, Scrum Master TCS, Australia	21/09/20	Guests grasped the fundamentals of Agile methodologies, recognizing their iterative approach to software development, emphasis on customer collaboration, and ability to adapt to changing requirements.
6	TQM	Ms.S.Nivethitha, Team Lead, Bhavan CyberTEch, Chennai	05/10/20	Attendees gained insights into Total Quality Management (TQM), understanding its principles of continuous improvement, customer focus, and employee involvement.
7	Awareness on Higher Studies	Mr Hari Ganapathy, University of Texas, Arlington	29/10/20	Participants in the guest lecture deepened their understanding of the importance and benefits of pursuing higher studies.
8	Machine Learning & Deep Learning	Dr M Anand Kumar, AP NIT, Surathkal	2/12/20	Participants gained a comprehensive understanding of both Machine Learning and Deep Learning during the guest lectures.
9	Build a better India	Mr Sriram Kesavan, Founder & CEOTechgreech Groups	29/12/20	During the guest lectures on "Building a Better India," participants engaged in discussions aimed at understanding and addressing key societal challenges. They explored various aspects including education, healthcare, infrastructure, and sustainable development.

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10	Code Cracking Skills with Python	Mr J Saravana Kumar Director, Future Focus	27/03/21	Participants honed their code-cracking skills using Python during the guest lectures. They delved into practical techniques and strategies for solving coding challenges, enhancing their problem-solving abilities and Python programming proficiency.
11	Knowledge-Based Approaches for Heterogeneous Geospatial Data Management	Dr.booma Sowkarthiga Balasubramani, Data Scientist, Microsoft, USA	6/04/21	Guests in the guest lectures on "Knowledge-Based Approaches for Heterogeneous Geospatial Data Management" gained insights into advanced techniques for handling diverse geospatial data sets.
12	Mobile Application Development through Flutter	Mr. Vinesh Raju, Senior Software Engineer, Multipl	24/04/21	Participants in the guest lectures on "Mobile Application Development through Flutter" gained practical insights into building cross-platform mobile applications.
13	Placement and Entrepreneurial Opportunities in the post pandemic world	Mr.Sethu Ravichandran, Director, Redpyx Technologies. Founder and Managing director, Redpyx Technology	24/04/21	Attendees of the guest lectures on "Placement and Entrepreneurial Opportunities in the Post-Pandemic World" received valuable insights into the evolving landscape of employment and entrepreneurship.

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14	Video Game Industry and career path in it	Mr A.saiprapanch Game Syst Participants in the guest lectures on the design and development of web resources gained practical insights into creating engaging and functional websites. They explored key concepts such as user experience (UX) design, responsive web design, and front-end development technologies. em Designer, GreenLit Entertainment, California	07/05/21	Participants in the guest lectures on the video game industry and career paths within it gained a comprehensive understanding of the industry's dynamics and diverse opportunities.
15	Soft-Skills-Personality Development for better prospects	Mrs .Suchithra Manikandan, Language Trainer	2/05/21	During the guest lectures on Soft Skills and Personality Development, participants engaged in activities aimed at enhancing their interpersonal and professional skills.
16	Career Guidance for Higher Education	Mr.Anand G Shankar, Knowledge Head, Learners	5/05/21	Attendees of the guest lectures on Career Guidance for Higher Education gained valuable insights into making informed decisions about their academic and professional pathways.

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| 7 | Design and development of web resources | Viswa Prasath, Lead software Engineer Zoho | 28/06/21 to 03/07/21 | Participants in the guest lectures on the design and development of web resources gained practical insights into creating engaging and functional websites. They explored key concepts such as user experience (UX) design, responsive web design, and front-end development technologies. |

Academic Year - 2019-20

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Discovering the Science behind Data	Ms.Madhumitha, Business Analyst, Whirl Data, Chennai	25/01/20	Awareness created on Data Science
2	Machine Learning Pipelines	Mr.S.Dhanush Kumar, Web Developer, Zoho Corporation Ltd	14/02/20	Awareness created on Machine Learning Techniques
3	IP- Web services, AJAX, XML	Mr.VijayaKumar, Software Development Engineer, Amazon	21/02/20	Guidance for Application of Internet Programming CSE
4	Technical Profile Building and Psychometric Test	Mr. Amith Ravindran, BYJUS, Chennai	24/02/20	Awareness created on placement
5	Internet of Things	Mr.T.Thomas, Director, R& D,DCKAP, Chennai.	06/03/20	Awareness created on lot
6	Opportunities for higher studies in US and Germany	Mr.Abhishek Gupta, Global Opportunities consultants	12/03/20	Awareness created on Higher education Opportunities in US and Germany

WORKSHOPS
Academic Year -2023-24

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NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Elevating your writing through research tools	Dr.Gopinath,Associate professor, KCG college of technology	14.2.2024	Enhanced Knowledge on research paper writing for the Students and Faculty	III year Students and faculty utilize the Improvement of writing proficiency and expertise
2	Data Science Workshop : ANALYTIX Deep Diving into Data Science	Mr.Karthick Thangadurai,Tech Lead, Guvi,Guvi Geek Network Private Limited	30.03.2024	The students are actively participated in the session with great enthusiasm and eagerness.	Students gained hands on experience on Data Visualization
3	From ideas to rights : illuminating the path of IPR Awareness	Dr.S.Safia Naveed Women Scientist - under Wise Kiran IPR(DST) , Associate Professor / CSE, KCG College of Technology , Chennai	27.03.2024	Gained knowledge on awareness about IPR	Students are incorporated the developing strategies for ongoing education and awareness-building efforts, as well as monitoring key indicators of IPR awareness and protection over time.
4	IOT Unleashed: Applications and Hands – on Session	Dr. B.Ezhilavan, Founder and CEO, VEI Technologies PVT, LTD,Chennai	23.04.2024	Gaining Hands-on experience in building and deploying IoT solutions	Assessing the sustainability of skills acquired and Knowledge gained over time

Academic Year -2022-23

NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS

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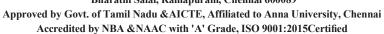| 1	Personality Development for better Prospects Resume Writing	Mrs.Suchithra Manikandan, Language Trainer	15.11.2022	Received the technical ideas for resume writing	Students are incorporated the Resume Writing
2.	Cybersecurity the art of Breaking Inernet	Mr. Sriram Kesavan, Founder and Director of Security Secufra Labs,Chennai	20.02.2023	Enhanced the knowledge on Cyber Security	Students were gained an experience on live hacking
3.	Cybersecurity the art of Breaking Inernet	Mr. Sriram Kesavan, Founder and Director of Security Secufra Labs,Chennai	13.02.2023	Received knowledge on live hacking	Students are incorporated the cyber security
4.	Android Application Development	Mr.Sutheesh,Software Test Engineer,TCS and Vijay Shankar, Founder and CEO, SUZHIYAM	21.03.2023	Students Learnt how to develop simple android applications	Students utilize the workshop effectively

Academic Year -2021-2022

.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	ACT ANALYSIS
	Design and development of web resources	Mr.A. Viswa Prasath, Lead software Engineer, Zoho	28/6/21 to 3/7/21	Tips for design nd developing the web resources	Students incorporated the design and development of web resources
	Internet of Things (IoT): Introduction, Architecture, Applications & Industry Trends	Abhijeet Deogirikar, Founder & CEO, CopperCloud IOTech Pvt Ltd	16.08.2021	Enhanced the knowledge on various application of IOT	Students incorporate IOT concepts in their final year projects

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Personality development for better Prospects	Mrs.Suchitra Manikandan Language Trainer	07.04.2022	Gained knowledge on personality development for better prospects	Students incorporated the personality development for better prospects
Intellectual Property Rights	Ms.Paravthy Prasannan Senior Attorney Puthran & Associates Intellectual Property Attorneys.	10.03.2022	Gained knowledge on intellectual property rights	Students incorporated the intellectual property rights

Academic Year -2020-2021

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Mobile application Development through flutter	Mr.Vinesh Raju Senior Software Engineer Multipl	24.04.2021	Tips for developing the mobile application	Students incorporatedthe mobile application development in their final projects

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2	Joy of Engineering: How to make Engineering Hands-On and Engineering	Prof.Manish Jain Principal Coordinator /CCL, IIT Gandhinagar B.Tech, IIT Kanpur 1993 Silicon Valley 10 Years Mr.Gaurav Founding Member /CCL, IIT Gandhinagar B.Tech, IIT Bombay	29.05.2021	Gained knowledge on hands-on session for joy of engineering	Students utilize the workshop effectively
3	Cracking skills with Python.	Mr.J.Saravanakumar Director FuturoFocus, Chennai	27.03.2021	Life long learning, communication and team work and engineer society	First year students utilize the the modern concept of python and implemented those concepts in mini projects

VALUE ADDED COURSE

Academic Year - 2023-24

S.NO	Name of Value Added course	Course Code	No of Students
1.	Open Source Software and Application - Linux Platform	VACCS2301	189
2.	Internet of Things Unleashed: Applications with Hands on Training	VACCS2302	189
3.	Full Stack Development	VACCS2303	192

Academic Year - 2022-23

S.NO	Name of Value Added course	Course Code	No of Students

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1.	Internet of Things Unleashed: Applications with Hands on Training	VACCS2201	192
2.	RHCSA Certification	VACCS2202	191

Academic Year - 2021-22

S.NO	Name of Value Added course	Course Code	No of Students
1.	Cloud Computing	VACCS2101	192
2.	DevOps	VACCS2102	191
3.	Application development with Python and Django	VACCS2103	118

CONFERENCE

Academic Year - 2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	National Conference on "INNOVATION IN INTELLIGENCE AND COMPUTING TECHNOLOGIES"	Dr. K M Suceendran Head - Academic Alliances Group Tata Consultancy Services, Chennai.	29-04-2024	To bring together people from different location with common interests and discuss issues and ideas relating to a specific topic.

Academic Year - 2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1				

Academic Year - 2021-22

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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1	International E-Conference on Computational Intelligence and Communication Networks 2022(eICCICN-2022)	Dr. JeongJin Kang Professor, Dept. of ICE, Dongseoul University, South Korea	29-04-2022 & 30-04-2022	To bring together people with common interests and discuss issues and ideas relating to a specific topic.

INDUSTRIAL VISITS

Academic Year 2023-24

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	**Retech Lasers, Varatharajapuram, Chennai**	03-04-2024	The industrial visit to Retech Lasers enabled students to broaden their perspectives, gain practical insights, and cultivate a deeper appreciation for the role of technology in driving societal progress.
2	**Askan Technologies Pvt Ltd, ECR By pass, Kottakuppam.**	12-04-2024	The outcome of web development is to empower businesses and individuals to establish a strong online presence, engage their target audience effectively, and achieve their objectives in the digital landscape.
3	**GUVI, IITM Research Park, Chennai.**	12-04-2024	The outcome of automation testing is to foster a culture of quality and efficiency within software development teams, driving innovation, agility, and customer satisfaction in today's competitive market landscape.
4	**Tamil Nadu Smart And Advanced Manufacturing Centre, Tidel Park, Chennai.**	04-09-202305-09-202308-09-2023	The outcome of embracing Industry 4.0 and IoT technologies is to transform traditional industries and propel them towards a future of digitalization, sustainability, and competitiveness. By embracing these technologies, organizations can unlock new

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			levels of efficiency, agility, and resilience in the rapidly evolving global marketplace.
5	**Monolith Research Lab, Ashok Nagar**	**11-09-2023**	The outcome of embracing AR and VR technologies is to unlock new opportunities for innovation, differentiation, and growth, ushering in a new era of immersive and experiential computing that transcends traditional boundaries and transforms how we interact with the world around us.
6	**GUVI, IITM Research Park, Chennai.**	**04-10-2023**	The outcome of studying data structures and algorithms is to cultivate a problem-solving mindset, analytical thinking, and computational fluency that empowers individuals to tackle real-world challenges and contribute to the advancement of technology and innovation. By mastering these foundational concepts, individuals are better equipped to navigate the complexities of modern software development and make meaningful contributions to the field of computer science.

Academic Year 2022-23

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	**Monolith Research Lab, Ashok Nagar**	**22-08-202223-08-202224-08-2022**	The outcome of video game development is to create experiences that entertain, inspire, and connect people across cultures, ages, and backgrounds. By harnessing creativity, technology, and passion, developers have the power to transport players to new worlds, ignite their imaginations, and leave a lasting impact on the world of entertainment.
2	**CodeBind Technologies.Chennai**	**22-11-202223-11-202224-**	The outcome of web development is to deliver websites that not only meet the technical requirements and functional specifications but also exceed the expectations of clients and

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		11-2022	end-users in terms of usability, aesthetics, and performance. By leveraging the latest technologies, design trends, and industry standards, developers have the opportunity to create digital experiences that leave a positive and lasting impression on visitors, contributing to the success and growth of their clients' businesses.
3	**Monolith Research Lab, Ashok Nagar**	**08-03-202309-03-202310-03-2023**	The outcome of embracing AR and VR technologies is to unlock new opportunities for innovation, differentiation, and growth, ushering in a new era of immersive and experiential computing that transcends traditional boundaries and transforms how we interact with the world around us.
4	**GUVI, IIT Madras Research Park**	**20-04-202323-03-202324-03-2023**	The outcome of Java Full Stack Development is to deliver high-quality, scalable, and maintainable web applications that drive value for users and businesses alike. By combining frontend and backend expertise in Java, developers can create innovative solutions that address complex challenges and contribute to the success of digital initiatives.

Academic Year 2021-2022

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	**Pal's at IITM Research Park**	**30-09-2021**	The outcome of data analytics is to enable organizations to unlock the full potential of their data assets, drive innovation, and create value for customers, stakeholders, and society as a whole. By fostering a data-driven culture and investing in data analytics capabilities, organizations can gain a competitive edge in today's fast-paced and data-driven business landscape.

Academic Year 2020-2021

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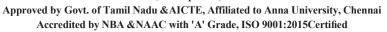Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	Pal's at IITM Research Park	07-12-2020	The outcome of data science is to empower organizations to harness the power of data to drive strategic decision-making, innovate faster, and create value for customers, stakeholders, and society as a whole. By investing in data science capabilities and fostering a data-driven culture, organizations can unlock new opportunities for growth, competitiveness, and impact in the digital age.
2.	GUVI Geek Technologies	14-12-2020	The outcome of mastering multithreading in Java is to enable developers to create high-performance, scalable, and responsive applications that can leverage the full potential of modern hardware and distributed systems. By understanding the principles and best practices of multithreading, developers can unlock new opportunities for optimizing performance, enhancing user experience, and driving innovation in Java-based software development.

Academic Year 2019-2020

S.NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1.	GUVI Geek Technologies - IITM Research Park	27-08-2019	The outcome of machine learning is to enable organizations to harness the power of data-driven insights and automation to drive strategic decision-making, innovation, and growth. By investing in machine learning capabilities and fostering a culture of experimentation and collaboration, organizations can unlock new opportunities for value creation and differentiation in the digital age.
2.	BSNL, Maraimalai Nagar	18-07-2019	The outcome of the BSNL Telephone Operating System is to strengthen BSNL's position as a leading telecommunications provider in India by delivering reliable, efficient, and customer-centric services. By investing in technology-driven solutions and

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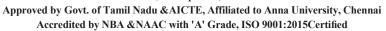**Bharathi Salai, Ramapuram, Chennai 600089**
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			continuously improving service offerings, BSNL can meet the evolving needs of its customers and remain competitive in the telecommunications industry.
3	Nokia, Chennai	22-08-2019	The outcome of mobile app development is to empower businesses and organizations to innovate, differentiate, and thrive in the mobile-first digital landscape. By delivering compelling, user-centric mobile experiences, developers can create value for users, drive business objectives, and stay ahead of the competition in today's fast-paced and evolving mobile ecosystem.

INDUSTRY SUPPORTED COURSES

Industry supported courses are introduced as credit courses. The students can either go to the industry to take up the course or take up the course given by the skill center at the college.

Academic Year 2023-2024

.NO.	OPIC	ESOURCE PERSON	ATE	OUTCOME
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Academic Year 2022-2023

.NO.	OPIC	ESOURCE PERSON	ATE	OUTCOME
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Academic Year 2021-2022

.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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Industry Tools, Techniques and Practices for Developing Embedding Solutions	1. Abhijeet Deogirikar Director Technology, CopperCloud IOTech +91 77980 32613
	
	2. Yogesh Yewale Lead IOT Engineer, CopperCloud IOTech +91 97658 16288
		18/07/2022 to 20/07/2022	Identify and use various electronic components and circuits
			    Apply the proper architecture using building blocks of Embedded Systems
			    Start building embedded projects using the Arduino platform
			    Be conversant with the Industry terminology & Tools, Techniques & Practices

Industry approach to create cyber physical IoT Solutions as stepping stone to Industry 4.0	1. Abhijeet Deogirikar Director Technology, CopperCloud IOTech +91 77980 32613 2. Dr Shraddha Oza Embedded & IOT Consultant, CopperCloud IOTech	22/07/2022 to 24/07/2022	● Understand foundational technical aspects of IoT ● Identify and use building blocks & architecture of IoT ● Be familiar with various communication models and evaluation criteria ● Start building simple IoT solutions ● Be conversant with the Industry terminology & Tools, Techniques & Practices

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| | Building WebApp with Python & Django | 1. Abhijeet Deogirikar Director Technology, CopperCloud IOTech +91 77980 32613

 2. Madhusudan Mishra Web & Mobile Technology Consultant, CopperCloud IOTech

 3. Saumyakanta Khatua DevOps Consultant, CopperCloud IOTech | 27/05/2022 to 29/05/2022 | ● Understand the fundamentals, building blocks & Architecture of web apps
 ● Build front-end, middleware and back-end components using proper frameworks
 ● Integrate complete Web Apps using the Python/Django framework
 ● Be conversant with the Industry terminology & Tools, Techniques & Practices |

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	Cloud Computing Fundamentals & Practices using AWS Cloud Platform	1. Abhijeet Deogirikar Director Technology, CopperCloud IOTech +91 77980 32613 2. Bharatkumar Chatla, Project Management Consultant, CopperCloud IOTech 3. Saumyakanta Khatua DevOps Consultant, CopperCloud IOTech	28/10/22 to 30/10/22	● Familiar with IT Infrastructure elements and identify their functions and roles in an IT enterprise ● Understand concepts of Cloud Computing ● Compare various Cloud Platforms for various applications ● Create a new Cloud server and deploy software to it ● Understand pricing models for Cloud services ● Be conversant with the Industry terminology & Tools, Techniques & Practices
	DevOps – A Practical Approach for Software Solutions in Industry	1. Saumyakanta Khatua DevOps Consultant, CopperCloud IOTech 2. Madhusudan Mishra Web & Mobile Technology Consultant, CopperCloud IOTech	30/09/22 to 2/10/22	● Understand DevOps concepts ● Understand the capab[...] tools and practices used by Ind[...] ● Identify elements of a DevOps pipeline using an example Cloud platform (AWS) ● Be conversant with the Industry terminology & Tools, Techniques & Practices

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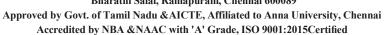**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**
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	IT Project Life Cycle Management fundamentals – Waterfall and Agile Practices	1. Madhusudan Mishra Web & Mobile Technology Consultant, CopperCloud IOTech 2. Abhijeet Deogirikar Director Technology, CopperCloud IOTech +91 77980 32613	21/10/2022 to 23/10/2022	● Familiar with IT Project Management vertical, and identify the major IT Project Management functions and roles in an Organization ● Understand concepts of Project LifeCycle Management ● Compare various Project Lifecycle Management methodologies ● Use various Industry Tools & Practices toward Project Management tasks ● Understand Challenges with various methodologies and their suitability to various project types ● Be conversant with the Industry Terminology, Tools, Techniques & Practices

Academic Year 2020-2021

.NO.	OPIC	ESOURCE PERSON	ATE	UTCOME
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Academic Year 2019-2020

.NO.	OPIC	ESOURCE PERSON	ATE	UTCOME
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CENTRE OF EXCELLENCE

Academic Year : 2019-20, 2020-21, 2021-22, 2022-23 & 2023-24

S. NO.	NAME OF THE COMPANY	TOPIC	OUTCOME
1	Red Hat Academy	Red Hat Certified System Administrator	22 CSE students were globally certified by Red Hat

Academic Year : 2022-23 & 2023-24

S. NO.	NAME OF THE COMPANY	TOPIC	OUTCOME
1	Pay Pal	Certificate Course on Data analytics	Students are certified by Paypal on Microsoft PowerBi

Department of Electrical and Electronics Engineering

Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24	6	6	3	0	1	74	0	3	
2022-23	7	4	3	1	1	138	0	3	2

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2021 -22	7	0	3	1	1	174	0	3	-
2020 -21	7	2	3	1	1	157	0	3	-
2019 -20	9	2	3	1	1	101	0	3	-

EASWARI ENGINEERING COLLEGE

DEPARTMENT OF EEE

VALUE ADDED COURSES

S N O	Academic Year	Year	SEM	Courses Offered	No. Of Students	Duration	Company Name	OUTCOME RELEVANCE TO PO'S
1	2022 - 23	II	III	C Language	63	48Hrs	SAI AXIS	PO6,PO8, PO9
		III	V	Python	65	48Hrs	SAI AXIS	
		IV	VII	Quantitative Aptitude	78	48Hrs	SAI AXIS	
2	2021 - 22	II	III	C Language	65	48Hrs	SAI AXIS	PO6,PO8, PO9

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		III	V	Python	78	48Hrs	SAI AXIS	
		IV	VII	Quantitative Aptitude	94	48Hrs	SAI AXIS	
3	2020-21	II	III	C& C++	52	48Hrs	SAI AXIS	PO6,PO8, PO9
		III	V	Artificial Intelligence	73	48Hrs	SAI AXIS	
		IV	VII	ROBOTICS	94	48Hrs	SAI AXIS	
4	2019-20	II	III	C& C++	73	48Hrs	SAI AXIS	PO6,PO8, PO9
		III	V	Artificial Intelligence	94	48Hrs	SAI AXIS	
		IV	VII	ROBOTICS	112	48Hrs	SAI AXIS	
5	2018-19	II	III	C& C++	94	48Hrs	SAI AXIS	PO6,PO8, PO9
		III	V	Artificial Intelligence	112	48Hrs	SAI AXIS	
		IV	VII	ROBOTICS	118	48Hrs	SAI AXIS	

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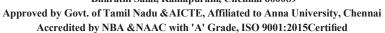Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai

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	CONFERENCE			
	Academic Year - 2022-2023			
S.NO.	**TOPIC**	**RESOURCE PERSON**	**DATE**	**OUTCOME**
1	Future Scope for Wind energy in India	Dr. N. Karunamoorthy Founder/Managing Director Windplus Pvt Ltd., Coimbatore	07.10.2022	
2	Advanced Embedded Controllers for Renewable energy, Smart systems and Emobility	Dr. R.Vijayarajeswaran Managing Director Vi Microsystems Pvt. Ltd., Chennai	07.10.2022	

Academic Year: 2022 – 2023 (ODD SEM)   **Date : 02.12.2022**

S.No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping
1	29.08.2022	IV yr EEE	10.00 to 11.30 am	Wind Power - Growth and Opportunities in India	Dr. N. Karunamoorthy, Founder / Managing Director, Windplus pvt.ltd. Coimbatore.	PO6, PO7, PO9, PO12, PSO1, PSO3
2	29.08.2022	III Yr EEE	2.00 to 3.30 pm	IoT based Solar PV System	Mr. T.R. Balaji Associate Manager, Emerging Technologies, Chennai.	PO8, PO9, PO10, PO11, PO12, PSO2, PSO3

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3	30.08.2022	II Yr EEE	10.00 to 11.30 am	Artificial Intelligence and IoT based Smart City.	Mr. G. Vignesh Kumar Founder and Director, Skillkora Labs, Chennai.	PO6, PO8, PO9, PO10, PO11, PSO2, PSO3
4	30.08.2022	IV yr EEE, III yr EEE	2.00 to 3.30 pm	Importance of Power Management in Microgrid for present and future Power System	Dr. Senthil Kumar Asst. Executive Engineer, TRANSCO, Tamil Nadu.	PO5, PO6, PO7, PO9, PO12, PSO1, PSO3
5	30.09.2022	II yr EEE	10.00 to 11.30 am	Modern Trends in Grid Operation	Mr. D. Senthil, Asst. Engineer, TANGEDCO, Chennai	PO3, PO4, PO5, PO7, PO8, PO9, PO10, PSO3
6	08.11.2022	IV yr EEE	10.30 to 11.30 am	Emerging Business Opportunities in the Internet of Things based Power Sector	Mr. Surya Moorthy A Managing Director & Founder, Zotork pvt, ltd, Chennai	PO6, PO7, PO8, PO9, PO10, PO11, PSO3
7	09.11.2022	III yr EEE	10.00 to 11.00 am	Hardware Design in Defence Applications	Mr. Prasanth A Hardware Design Engineer, Data Pattern India, Pvt, Lts, Chennai.	PO3, PO5, PO7, PO8, PO9, PO10, PO11, PSO2

Department of Electrical and Electronics Engineering

Guest Lecture / Core Teaching

-

<u>**Academic Year: 2022 – 2023 (ODD SEM)**</u>   **Date : 13.04.2023**

S.No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping

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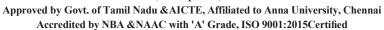**Bharathi Salai, Ramapuram, Chennai 600089**
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1	16.02.2023	III yr EEE	10.00 to 11.00 am	Embedded Systems Trends in Automotive Networks	Mr. Adhithyan K G Application Software Engineer - Automotive, Microchip Technology, Chennai	PO3, PO4, PO5, PO7, PO8, PO9, PO10, PSO3
2	03.03.2023	II yr, III & IV yr EEE	10.30 to 11.30 am	Importance of Leadership Quality in Engineering	Er. K. Manavalan Chief General Manager, Plant 1 - Production Sector, NLC, Neyveli.	PO6, PO7, PO8, PO9, PO10, PO11, PSO3
3	09.03.2023	II, III yr EEE	3.00 to 3.45 pm	Preparation Strategy for GATE	Mr. Hithesh Sankararaman Associate Speech & NLP Scientist, Uniphore, Chennai	PO1, PO2, PO6, PO7, PO8, PO9, PO10, PO11, PSO3
4	10.03.2023	II yr & III yr EEE	10.30 to 11.30 am	Impact of IEEE Members and its benefits	Dr. R. Hariprakash Secretary, IEEE Madras Section, Chennai.	PO6, PO8, PO9, PO10, PO11, PSO2, PSO3

Academic Year: 2020 – 2021 (ODD SEM)   **Date : 31.12.2020**

S.No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping

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1.	07.11.2020	IV year A & B	1.00 pm to 2.00 pm	GATE Cracking Strategy and Ideas in Setting up Start-ups	Mr.karpardi M, Research Scholar,Department of Biomedical Engineering, IIT Hyderabad.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
2.	21.11.2020	IV year A & B	2.00 pm to 3.00 pm	Electric Vehicles Opportunities and Challenges	Mr.Jagannathan S,Product Engineer, Sosaley Technologies Pvt Ltd, chennai.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
3.	31.12.2020	IV year A & B	11.00 to 12.00 pm	Energy Conservation and Energy Efficiency	Mr.D.Rathinasabapathy,Asst Gen Manager-RTD Ashok Leyland. Mr.R.Vasudevan, Energy Conservation Consultant,Petroleum Conservation Research Association.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5

Academic Year: 2020 – 2021 (EVEN SEM)   Date : 30.06.2021

S.No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping
1.	27.02.2021	III EEE A SEC	11.30 to 12.30 PM	Start up ideas for Green Energy Technology	Mr.S.D.Arphaxad,Key Account Manager, Eureka Forbes Ltd, Kochi	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
2.	06.03.2021	IV year A & B	10.00 to 11.00 AM	Decoding abroad studies	Mr.Aswath Ram R S, Graduate Thesis student, CreativeTeam-Tndian studentsassociation, Illinois Institute of technology,	PO12, PSO3, PO8, PO6, PO7,

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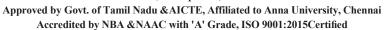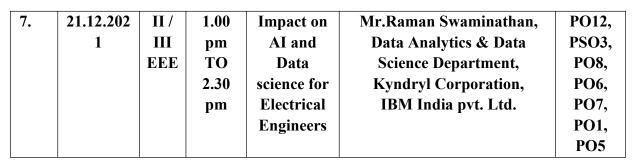Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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					Chicago,USA	PO1, PO5
3.	01.05.2021	III EEE B SEC	3.00 to 4.00 AM	**All about solar pv for start up**	**Mr.R.Harish,Design/ Sales Engineer, Sun360 Pvt ltd,Goa.**	**PO12, PSO3, PO8, PO6, PO7, PO1, PO5**
4.	04.05.2021	III EEE A & B SEC	10.00 to 11.00 AM	**Protective Relays: A techinicians Approach**	**Mr.T.Phrabudoss, Propreator, V Equal IR T & C Service,Chennai Mr.Rakesh Ravi,Sr.Protection Engineer, ,V Equal IR T & C Service,Chennai**	**PO12, PSO3, PO8, PO6, PO7, PO1, PO5**
5.	04.05.2021	II EEE A &B-SEC	9.00 am to 10 :00 am	**Application Of Fourier Transform**	**Mr.S.Saranraj, Junior Engineer,Telecom Service, BSNL,Chennai Telephones.**	**PO12, PSO3, PO8, PO6, PO7, PO1, PO5**
6.	27.05.2021	II EEE A-SEC	4.00 to 5.00 PM	**Circuit simulator software-Proteus**	**Dr.M.Muruganandham, Lecturer,Department of Enngineering,University of Technology and applied sciences,Ibri ,Sultanate of Oman.**	**PO12, PSO3, PO8, PO6, PO7, PO1, PO5**
7.	06.06.2021	II EEE A &B-SEC	10.00 to 11.00 AM	**Overview of Transformers**	**Mr.Kummaraguru,Engineer-Design,Indo Tech Transformers Ltd, Chennai.**	**PO12, PSO3, PO8, PO6, PO7, PO1, PO5**

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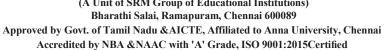Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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8.	12.06.2021	IV EEE A &B-SEC	10.00 to 11.00 AM	Upskilling and Reskilling	Mr.Ganapathi.S,Graduate Engineer Trainee9Electrical),Fujtec India Prt. Ltd	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
9.	15.06.2021	II/III EEE	10.00 to 11.30 AM	Real time Embedded Industrial system and Instrumentation	Mr.Periasamy Muthu,Associate Engineer,TRIO Tech International,Singapore.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
10.	19.06.2021	II EEE A &B-SEC	11.30 to 12.30 AM	Fundamentals of Transformer Design	Mr.Srinivasan S R, Engineer-Design,Indo Tech Transformers Ltd, Chennai.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
11.	19.06.2021	III EEE A & B SEC	5.00 pm to 6:30 pm	Industrial Applications of Power Electronics	Mr.A.Saravana Kumar,Scientist E/Joint director, Power Electronics Group,CDAC,Thiruvanathapuram.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5

Academic Year: 2021 – 2022 (ODD SEM)   Date :16.12.2021

S.No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping
1.	28.09.21	III EEE A & B SEC	2:30 pm to 3:30pm	Machine learning applied to Electrical machines	Mr.Kedarnath.R, Manager, CTS, Chennai.	PO12, PSO3, PO8, PO6, PO7, PO1,

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						PO5
2.	23.10.21	II/ III EEE	10.00 to 11.00 am	IC Design: Architecture to Tapeout	Ms.Vishali sridhar, CPU Implementation Engineer, Apple Inc, USA	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
3.	15.11.21	III EEE A & B	11.15 am to 12.15 pm	Flyback converter	Mrs.Merlin Mary N J P h.D Scholar (Prime ministers Research Fellows), NIT,Tiruchirappalli	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
4.	25.11.21	IV EEE A & B	11.15 am to 12.15 pm	Cyber Security for Integrated circuits	Mr.Venkatachalam Varatharaj, Technical lead, Bosch Engineering and Business Solutions, Coimbatore.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
5.	06.12.2021	II EEE	11.15 am to 12.15 am	Build your own virtual assistant in python for control system Applications	Mr. M. Balaji, MI Engineer, Open Weaver, Chennai	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
6.	21.12.2021	II / III EEE	11.00 am to 12.30 pm	Artificial Intelligence and data science for Electrical Engineers	Mr.Jambhu Kumar, Delivery Leader (Europe), Kyndryl Corporation, IBM India pvt. Ltd.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5

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| 7. | 21.12.2021 | II / III EEE | 1.00 pm TO 2.30 pm | Impact on AI and Data science for Electrical Engineers | Mr.Raman Swaminathan, Data Analytics & Data Science Department, Kyndryl Corporation, IBM India pvt. Ltd. | PO12, PSO3, PO8, PO6, PO7, PO1, PO5 |

Academic Year: 2021 – 2022 (EVEN SEM)   Date :27.06.2022

S. No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping
1.	09.04.22	III / IV EEE	1:30 pm To 2:30 pm	Career insights to product development	Mr.Roopan Sanjeev Raju.S Sr.BusinessDevelopment Mnager,MACBRO R&D Centre, India & Japan	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
2.	22.02.2022	III EEE	10.00 am to 11.30 am	Technology in Electric Vehicle	Er.Rajeshkrishna , Test Engineer, Schneider, Calcutta	PO1, PO2, PO5, PO6, PO7,PO8,PO11,PO12,PSO1, PSO2,PSO3
3.	30.03.2022	II EEE	2.00 pm to 3.30 pm	A Training Program on MATLAB Fundamentals and Applications	Dr.G.Maheswaran Research Scientist Energy Invention Center Advanced Research Institute Dr.M.G.R Educational and Research Institute,	PO1, PO2, PO5, PO6, PO7,PO8,PO11,PO12,PSO1, PSO2,PSO3

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				Chennai		
4.	28.05.2022	II & III EEE	10.00 am to 11.30 am	A Technical Talk on Artificial Intelligence and Machine Learning	Mr. Vignesh Kumar Gunasekar, Director, Skillkora Labs and Technologies Pvt. Ltd., Chennai.	PO1, PO2, PO5, PO6, PO7,PO8,PO11,PO12,PSO1, PSO2,PSO3

Academic Year: 2019 – 2020 (ODD SEM)   **Date : 01.07.2019**

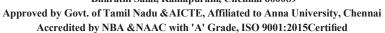| S.No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping
1.	10.08.2019	IV EEE A SEC	1.15 to 2.15 PM	Power System Generation Scenario and Switchgear System	Er. Sthalasayanam , Scientific Officer, Department of Atomic Energy, Kalpakkam	PO12, PSO3, PO8, PO6, PO7, PO1, PO5,
2.	10.08.2019	IV EEE B SEC	2.30 to 3.30 PM	Power System Generation Scenario and Switchgear System	Er. Sthalasayanam, Scientific Officer, Department of Atomic Energy, Kalpakkam	PO12, PSO3, PO8, PO6, PO7, PO1, PO5

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3.	16.09.2019	II EEE A-SEC	1.15 to 2.15 PM	Power Plant Engineering on Boilers	Er. Sathya Moorthy, Executive Engineer, North Chennai Thermal Power Plant-I, Chennai	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
4.	16.09.2019	II EEE B-SEC	2.30 to 3.30 PM	Power Plant Engineering on Boilers	Er. Sathya Moorthy, Executive Engineer, North Chennai Thermal Power Plant-I, Chennai	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
5.	04.10.2019	III EEE A SEC	1.15 to 2.15 PM	Trasnmission, Distribution and Generation	Er.G. Gnana Prakash, Manager, PJM-CBRE Asia Private Limited, Chennai.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5
6.	04.10.2019	III EEE B SEC	2.30 to 3.30 PM	Trasnmission, Distribution and Generation	Er.G. Gnana Prakash, Manager, PJM-CBRE Asia Private Limited, Chennai.	PO12, PSO3, PO8, PO6, PO7, PO1, PO5

Academic Year: 2019 – 2020 (EVEN SEM)   **Date : 29.06.2020**

S.No	Conducted Date	Class	Time	Topic	Name of the Speaker and Designation	PO & PSO Mapping
1.	11.02.2020	II EEE A-SEC	1.15 to 2.15 PM	Synchronous Motor and synchronous generator	Er.P.Chandrasekar, Assistant Executive Engineer, North Chennai Thermal Power Plant, Chennai	PO12, PSO3, PO8, PO6, PO7, PO1, PO5

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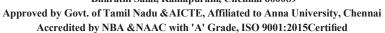Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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| 2. | 05.03.2020 | III EEE A SEC | 10.00 to 11.00 AM | Switch Gear and Relay in Transmission , Substation and Distribution system | Er.Aravind Raj, R&D Engineer, ABB Global Industries and Services Limited,Chennai | PO12, PSO3, PO8, PO6, PO7, PO1, PO5 |
| 3. | 05.03.2020 | III EEE B SEC | 10.00 to 11.00 AM | Switch Gear and Relay in Transmission , Substation and Distribution system | Er.Bhanu Teja Cirivelu, R& D Associate Engineer (FACTS) ABB Global Industries and Services Limited,Chennai | PO12, PSO3, PO8, PO6, PO7, PO1, PO5 |

FDP organized

WORKSHOPS					
Academic Year - 2023-2024					
S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Recent trends in Electrical Engineering	Mr.Muthu Chellam Electrical Engineering Manager, Petrofac, Chennai.	13.03.2024	The program aimed to share the latest technology to faculty members and deepen their subject matter expertise and broaden their understanding.	
2	Fundamentals of Data Center in Power Systems	Mr. Ashraf Ali Operation and Maintenance Engineer at Gulf Data Hub (Sustainablity)-Engie.	14.03.2024		

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		Abudhabi, UAE			
3	High Voltage Technology	Mr. Gosakan Technical Project Assistant Dornier Power and Heat GmbH Kingdom of Saudi Arabia	15.03.2024		
4	A case study on drive selection	Mr.Prabakar Tirouvingadame.K Senior Manager - Electrical Aquatherm Engineering Consultants (I) Pvt. Ltd., Chennai	15.03.2024		
5	: Low-cost automated parking system	Mr.Dinesh. S Software engineer Valeo India Private Limited	18.03.2024		
6	Usage of Controllers in Automotive Industry	Mrs.Manimala Muthu Senior engineer, Visteon, Chennai.	19.03.2024		
		Academic Year - 2022-2023			

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S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Advanced Industrial Machine Automation in real time	Mr. Periyasamy Muthu Technical test Lead, Infosys, Chennai	09.01.2023		
2	Design Thinking and its Importance in Innovative I4.0 Era	Mr. Nagarajan Ayvarnam Project Manager Global Software Technologies Private Limited Bangalore, India	10.01.2023		
3	Advancements of data usage in electrical engineering	Mr. Aswath Ram A S Cloud Engineer, Amazon Amazon Web Services. Seattle USA	12.01.2023	The program aimed to share the latest technology to faculty members and deepen their subject matter expertise and broaden their understanding.	
4	Research Tools and Applications of dSPACE in Renewable Energy, Electric Drives &control, Smart Grid and Electric Vehicle	Mr.Sathish, Senior engineer Dynafusion	16.11.2022		
Academic Year - 2021-2022					
S.NO.	TOPIC	RESOURCE	DATE		IMPACT

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		PERSON		OUTCOME	ANALYSIS
1		FDP - Nil			
2					
3					

Academic Year - 2020-2021

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Application of power electronics and machine learning to renewable energy	Mr.Sivaguru Paramasivam, Expert in Reewables & Energy storage systems Abu Dhabi Future energy , UAE	16.06.2021	The program aimed to share the latest technology to faculty members and deepen their subject matter expertise and broaden their understanding.	
2	Sub sea power cable installation in oil and gas industry	Mr George Baby , Operations Engineer, Saipem, Sharjah, UAE	18.06.2021		

Academic Year - 2019-2020

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Smart core audio infotainment	Mr.N.Ponniah, Technical Professional, Visteon Technical & Service Centre, Chennai	19.05.2020	The program aimed to share the latest technology to faculty members and deepen their subject matter expertise and broaden their understanding.	

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2	Recent trends in Electrical & Avionics, ARDC, HAL, Bangalore			18.05.2020	

Industry Supported Courses

SNO	Academic Year	Year	SEM	Course Code	Courses Offered	No. Of Students	Duration	Company Name	Resource Person Details	OUTCOME RELEVANCE TO PO'S
		III	ODD	191INA926I	MACHINE CONTROL INDUSTRIAL SYSTEMIZATION-MODULE III	50	15	IPCS GLOBAL	D.A.ANAND, Territory technical head,W733, 2nd floor, 4th St, D-Sector, Anna Nagar West Extension, Chennai, Tamil Nadu 600101	
1	2023-2024	III	EVEN	191INA920I	Machine control Industrial Systemization (Module I)	10	15 HRS	IPCS GLOBAL	D.A.ANAND, Territory technical head,W733, 2nd floor, 4th St, D-Sector, Anna Nagar West Extension, Chennai, Tamil Nadu 600101	**PO5,PO9,PO11,PO12**

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		III	ODD	191INA920I	Machine control Industrial Systemization (Module I)	43	15 HRS	IPCS GLOBAL	D.A.ANAND, Territory technical head,W733, 2nd floor, 4th St, D-Sector, Anna Nagar West Extension, Chennai, Tamil Nadu 600101	
		III	EVEN	191INA920I	Machine control Industrial Systemization (Module I)	7	15 HRS	IPCS GLOBAL	D.A.ANAND, Territory technical head,W733, 2nd floor, 4th St, D-Sector, Anna Nagar West Extension, Chennai, Tamil Nadu 600101	
2	2022-2023	III	EVEN	191INA921I	Machine control Industrial Systemization (Module II)	50	15 HRS	IPCS GLOBAL	D.A.ANAND, Territory technical head,W733, 2nd floor, 4th St, D-Sector, Anna Nagar West Extension, Chennai, Tamil Nadu 600101	**PO5,PO9,PO 11,PO12**

Department of Electronics and Communication Engineering

Department of Mechanical Engineering

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GUEST LECTURES/CORE TEACHING

Experts from Industry and Academia are invited to deliver lectures on the latest trends and thrust areas in Mechanical Engineering.

2023-2024-ODD

S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated
1	27-01-2023	ODD	Mr. Vinay Dusi	Academic Program Manager – South India	IIT Madras Pravartak, Chennai	Introduction to - Hybrid & Electric Vehicle Engineering using Ansys	176 (III year)
2	12-10-2023	ODD	Mr.V.Balaji,	R & D Head,	CADDINDIA Research &Development, Chennai	New Product Development	131 (II year)
3	12-10-2023	ODD	Mr.G.Senthil kumar,	Design Engineer,	GESCO HEALTHCARE Pvt. Ltd, Chennai	Reverse Engineering	131 (II year)
4	12-10-2023	ODD	Mr.M. Mohammed Rafiq	R & D Director,	CADDINDIA Research &Development, Chennai	Applications of Solid Modelling	189 (III year)
5	10.11.2023	ODD	Dr A Leo Bernard,	Manager,	Ashok Leyland,Ennore, Chennai	PAINT SLUDGE RECYCLING	189 (III year)
6	09-12-2023	ODD	Dr Srikanthan Sridharan,	Assistant Professor,	Department of Engineering Design, IIT	Control of Traction motors for Electrified	189 (III year)

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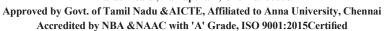Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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					M, Chennai	Vehicles	
7	29-11-2023	ODD	Mr.Raghunathan,	Business Development consultant,	Trainer & Speaker, Institute of Industrial Design, Chennai	Automotive body design	131 (II year)
8	29-11-2023	ODD	Mr.Raghunathan,	Business Development consultant,	Trainer & Speaker, Institute of Industrial Design, Chennai	Automotive body design	189 (III year)
9							
10	27-12-2023	ODD	Mr.Dharman,	Vice President	R & D Head, Rane Madras Limited	Recent developments in the Manufacturing industry	155 (IV year)
	30-12-2023	ODD	Mr. K.Karthikeyan	Assistant Professor,	Easwari Engineering college, Chennai	Enhancing Mechanical Swelling and Resistant Properties on Rubber Composite through Nanosilica	155 (IV year)

2022-2023-EVEN

S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated

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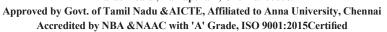**Bharathi Salai, Ramapuram, Chennai 600089**
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1	27-01-2023	EVEN	Mr. Vinay Dusi	Academic Program Manager – South India	IIT Madras Pravartak, Chennai	Introduction to - Hybrid & Electric Vehicle Engineering using Ansys	176 (III year)
2	30-01-2023	EVEN	Mr.Chella muthu	Head HR	Ashok Leyland, Chennai	Industry Expectation from graduates	176 (III year)
3	30-01-2023	EVEN	Mr.Shanmuga sundram / Mr.Dinesh	MBA (Finance)	ISSM business school, Chennai	How to crack your interview	176 (III year)
4	06-02-2023	EVEN	Mr. N. Vijaya kumar Nagarajan	Assistant manager	BMW Chennai plant	Process planning in industry	330 (II & III year)
5	11-04-2023	EVEN	Dr.A. Ragothaman	Divisional Manager	Ashok Leyland, Chennai	Transformation in automotive industry	100 (II & III year)
6	18-04-2023	EVEN	Dr.V.Antony Aroul Raj	Professor & Research coordinator	Department of Mechanical Engineering, Ramapuram, Chennai	Scoring High	100 (II & III year)
7	19-04-2023	EVEN	Dr.V.Balasubramanian	Chairman	IIW-INDIA, Chennai	Introduction to Welding Processes and Technologies	100 (II & III year)

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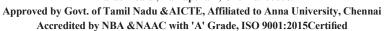Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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8	19-04-2023	EVEN	Mr.S.Praveen	Manager	Fronius (I) Private limited, Chennai	Advances in Welding Automation	100 (II & III year)
9	26-04-2023	EVEN	Partha Sarathi Banik	Director	Hein Lehmann India Pvt. Ltd	Career Enhancement in Mechanical Engineering	100 (II & III year)
10		EVEN					

2022-2023-ODD

S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated
1	25-08-2022	ODD	Dr.M.Pradeep Kumar	Professor and Head, Central workshop,	Anna University, Chennai	Effect of Cryogenic Fluids on machining of titanium alloys	175 (IV year)
2	25-08-2022	ODD	Dr.V.Thanigai velan	Assistant Professor (SI.GR)	Department of Mechanical Engineering, SRM IST, Ramapuram, Chennai	Titanium alloys for Defence and marine applications	176 (III year)
3	25-08-2022	ODD	Mr.R.Aruna vigneshwarna	M.E. Engineering Design	Department of Mechanical Engineering, Ramapuram,	Machining Parameter of EN31 Steel in	189 (II year)

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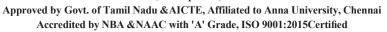Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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					Chennai	EDM Process	
4	26-08-2022	ODD	Dr.A.Giridharan	Associate Professor	Vellore Institute of Technology, Chennai	Machining of Titanium alloys: Challenges and Opportunity	175 (IV year)
5	26-08-2022	ODD	Dr.R.Ramadoss	Professor	Department of Mechanical Engineering, Ramapuram, Chennai	Titanium alloys for Biomedical Applications	176 (III year)
6	26-08-2022	ODD	Dr.K.Kalaichelvan	Professor	Department of Ceramic Industry, Anna University, Chennai	Super plastic forming and sandwich panels of titanium alloys	189 (II year)
7	09-11-2022	ODD	Mr.V.Gurusami	External Faculty	Petroleum Conservation Research Association	Energy Conservation	189 (II year)
8	22-11-2022	ODD	Mr.V.Balaji,	R & D Head,	CADDINDIA Research &Development, Chennai	New Product Development	176 (III year)
9	22-11-2022	ODD	Mr.G.Senthil kumar,	Design Engineer,	GESCO HEALTHCARE Pvt. Ltd, Chennai	Reverse Engineering	175 (IV year)
10	22-11-2022	ODD	Mr.M. Mohammed Rafiq	R & D Director,	CADDINDIA Research &Development, Chennai	Applications of Solid Modellin	189 (II year)

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2021-2022-EVEN- Webinar

S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated
1	18-11-2021	EVEN	Dr.V.Antony Aroul Raj	Professor & Research coordinator	Easwari Engineering College, Chennai	Communication Skills for an Engineer	175 (III year)
2	27-11-2021	EVEN	Mr.M.Balaji	Manager, Vendor development	Strategic sourcing, part development, Hyundai mobis India Limited, Chennai.	Automotive products design and development	175 (III year)
3	03-12-2021	EVEN	Mr. K. Carthic	M.S.Mechanical	Purdue University, Indiana, USA	Career development in Mechanical Engineering	176 (II year)
4	16-12-2021	EVEN	Dr.K. Ravi Chandran Dr.S. Krishna Kumar	Scientist F, joint director, Robotics Division Senior technical officer	CVRDE, DRDO, Avadi, Chennai. CVRDE, DRDO, Avadi, Chennai.	An approach to product development	175 (III year)

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5	19-01-2022	EVEN	Dr.V.Antony Aroul Raj	Professor & Research coordinator	Easwari Engineering College, Chennai	Heat pump	176 (II year)
6	20-04-2022	EVEN	Mr.V. BALAJI,	Director	CADD India Research & Development, Vadapalani, Chennai	New product development	176 (II year)
7	21-04-2022	EVEN	Mr.V. BALAJI	Director	CADD India Research & Development, Vadapalani, Chennai	Reverse Engineering	175 (III year)
8	26-04-2022	EVEN	Mr.S.Udhaya Shanker	Assistant controller of patents	Intellectual property office, Guindy, Chennai	Awareness program on intellectual property rights (IPR)	176 (II year)
9	09-05-2022	EVEN	Mr.Dharman,	Vice President	R & D Head, Rane Madras Limited	Recent developments in the Manufacturing industry	159 (IV year)

2021-2022-ODD- Webinar

S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated
1	14-08-	ODD	Mr.Joseph Mathew	Chairman, IPA Chennai	BI Marketing	Career opportuniti	175 (III year)

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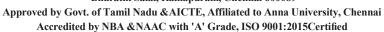Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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	2021			Chapter, Director	and Services Pvt.Ltd	es in MEP services	
2	19-08-2021	ODD	Mr.C.Deepan chakaravarthy	Manager,Product Development	ALHAMAD INDUSTRIES, Ajman, UAE	Recent trends and innovations in Manufacturing and Automation	175 (III year)
3	20-08-2021	ODD	Mr.Karthic Sethuraman	Senior Engineering Manager, CDA and Valeo, Mechanical Simulation Expert	Valeo India Private Limited	CAE Applications in Comfort and Driving Assistance Systems	179 (II year)+ PG I Year
4	25-09-2021	ODD	Mr.S.Jagann athan	Engineer, Hardware,	Mobiveil	Battery management systems in EV and applications	159 (IV year)
5	11-10-2021	ODD	Mr. Mahendra varman Radha	Assistant Manager	(Evaluation & Analysis Group) DAIKIN Air Conditioning India Pvt. Ltd. (R&D)	Thermal Product Development using Stimulation Driven Design	159 (IV year)
6	12-10-2021	ODD	Mr.O.R. Nirmal	CEO	Setty Pick. Investor, Chennai	Career development in Mechanical Engineerin	179 (II year)

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7	22-10-2021	ODD	Mr.P.Santhosh	Junior Research Fellow	Anna University Chennai-25	Hybrid & Electrical Vehicles	179 (II year)
8	29-10-2021	ODD	Mr.S.Mohanraj	Research scholar	Lordz university of technology, Poland	Additive Manufacturing	175 (III year)
9	30-10-2021	ODD	Mr.R.Rajesh	Director	Fujitech India	Acing Mechanical Job Interviews	159 (IV year)

2020-2021-EVEN- Webinar

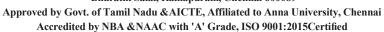| S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated
1	01-06-2021	EVEN	Mr.S.Mohamed Hanif	Managing Director	Thapovam Institute	Career Guidance Program	159
2	30-04-2021	EVEN	Mr.Vaseem Khan	Assistant System Engineer	Tata Consultancy Service, Chennai	Career development in Mechanical Engineering	182
3	16-04-2021	EVEN	Mr.Raj kapoor	Field coordinator	Anna university, Centre for entrepreneurship development	Awareness session on Entrepreneurship	175

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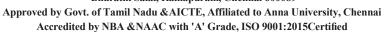Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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4	10-04-2021	EVEN	Dr.N.L.Parthasarathi	Scientific Officer-E	Materials Development & Technology Division, IGCAR, Kalpakkam	Tribological Challenges -Industry Perspective	159
5	07-04-2021	EVEN	Mr.S.Bhaskar Bharathwaj	Design & Development System Engineering	R&D Group Chief, Robot Team Leader, HCI Co. Ltd, Japan	Career development in Mechanical Engineering	182
6	07-04-2021	EVEN	Mr.K.Balasubramanian	Chairman	FSAI, Student Chapter Development	Exploring the opportunities in Fire security Association of India (FSAI)	175
7	31-03-2021	EVEN	Ms.Divya priya	Senior process data engineer	Shell india, Chennai	Career Opportunities in Mechanical and Robotics & Automation Engineering	159
			Ms.Priyanka ramesh	Simulation engineer	Ford india, chennai		
8	30-03-2021	EVEN	Girish R Visvanathan	Director	Technical earthonomic engineers Pvt.Ltd.	Climate change and Need for healthier build environments	175

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9	27-03-2021	EVEN	Mr.M.Vishal	ABD Package maintenance engineer	L&T PTD Department	Welcome to the World of Engineers	182
			Mr.S.Aadharsh Rao	Application development associate	Accenture, Bangalore		
10	19-03-2021	EVEN	Mr.Vivek Devaraj	Educator, Automotive Enthusiast and Social Entrepreneur	dVerse Innovation Labs	Ideation and Prototyping -Doing it yourself	175
11	12-03-2021	EVEN	Mrs. R.Ranjani	Founder of learn to reach, SIRAM foundation	educational career entrepreneurship counsellor	Entrepreneurship development in recent context	159

2020-2021-ODD- Webinar

S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated
1	13-07-2020	ODD	Mr.R.Vasan	Chief Engineer	Wallem Ship Management, Hongkong	Career Opportunities in Marine Engineering	150
2	14-07-2020	ODD	Mr.S. Udhaya Shankar,	Assistant Controller of Patents	IPR, Chennai	Patent Filing Process	80
3	15-07-2020	ODD	Mr.I. Sathish Kumar	Project Manager	HCL Technologies, Chennai	Robotic Process Automation	80

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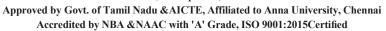Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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4	17-07-2020	ODD	Mr.P.Kumar	Head-MDEP-PDD	VE Commercial Vehicles Ltd, Pithampur, Dhar district, MP	Recent Developments in IC Engines (BS-VI)	85
5	18-07-2020	ODD	Mr.Francis E.J	Former Group Director	VSSC, ISRO	Lean Thinking	85
6	21-07-2020	ODD	Dr. M. Suga vaneswaran	Associate Professor	School of Mechanical Engineering, VIT, Vellore	Future applications in Additive Manufacturing	80
7	22-07-2020	ODD	Dr. KOBYE BODJONA	Technical Specialist	AIRBUS Defence and Space, The Hague, Netherlands	Trends for future Launcher Structures	90
8	23-07-2020	ODD	Dr. Larry Lessard	Professor	Department of Mechanical Engineering, McGill University, Canada	Three ways to help the World using composites	85
9	08-08-2020	ODD	Mr.P.Sathyan arayan	Staff pilot	Navy, Dornier squadron, AP	Career Opportunities in Defence Services for Mechanical Engineers	120
			Mr.T.Raghul	Sub Lieutenant	Navy, Naval Armament, Kerala		
10	14-08-2020	ODD	Mr.R.Vivekan andan	Co-founder	Masters Academy, Chennai	Career Opportunities and Preparation Strategy	49

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11	27-08-2020	ODD	Dr.P.Kathirvel	Assistant Professor	GRD Centre In-Charge, Department of Physics, PSG College of Technology, Coimbatore.	Nano Materials Characterization	30
12	27-08-2020	ODD	Dr.S.Premanand	Counsellor	Ministry of Labour and Employment, National Career Service, Govt. of India.	Career Opportunities Post Covid'19	35
13	24-09-2020	ODD	Dr.Srinivasan Kasthurirengan	Scientist	centre for cyrgonic technology, IISC, Bangalore	Cryogenics and space applications	180

2019-2020-EVEN

S.NO	DATE	SEM	NAME	DESIGNATION	COMPANY	TOPIC	Number of students participated
1	06-01-2020	EVEN	Mr.Vignesh	Head	Manya, the Princeton Review, Study Abroad, Chennai	Awareness of higher education in Abroad	205
2	06-01-2020	EVEN	Mr.Vignesh	Head	Manya, the Princeton Review, Study Abroad, Chennai	Awareness of higher education in Abroad	180

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3	06-01-2020	EVEN	Mr.Murugasen	Head	Global opportunities, Chennai	Mission MS Abroad	67
4	23-01-2020	EVEN	Mrs. Rhea cheryl shivan	Manager	Campus France office, Tamilnadu & Pondicherry.	Awareness of higher education in France	70
5	25-01-2020	EVEN	Mr.Sundara vasan	Engineer	Turbo energy limited, Chennai.	Quality Management in industries	120
6	05-02-2020	EVEN	Mr. Abdul Muthalib	LEED AP, IGBC AP, BEE, Energy Auditor,Director - Sustainability Research	Innowell Engineering International Pvt Ltd, Chennai–600087	Building Energy Simulation	40
7	13-02-2020	EVEN	Mr.Hari prasad	Director & Principal Consultant	EBM Global PVT. Ltd, Chennai	Building Automation System and IOT	40
8	25-02-2020	EVEN	Mr.Hema chandran	Consultant	Byju's, 4th floor, prince kushal towers, 96, anna salai, chennai 600002, near lic back gate gp road.	Career Opportunities in the Government Sector	184
9	06-03-2020	EVEN	Dr. G. Bala krishnan	Engineering Manager	Caterpillar India Pvt Ltd, Innovation & Technology	Recent developments in the automotive industry	342

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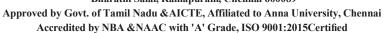
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					Development Division, 04433412869		

2019-2020-ODD

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1	12-07-2019	ODD	Mr.D. Balaji	HVAC PROJECT & SERVICE CONSULTANTS	SHREE SRB & ASSOCIATES	All about HVAC	70
2	16-07-2019	ODD	Mr.Sateesh Kumar	Head	IMS Learning resources. Chennai.	Careers and life at Top B-Schools	187
3	23-07-2019	ODD	Mr.Sateesh Kumar	Head	IMS Learning resources. Chennai.	Careers and life at Top B-Schools	207
4	05-08-2019	ODD	Mr. A.David dason	SCIENTIST-G	ISRO propulsion complex (IPRC), Mahendra giri, Tirunelveli (Dist)	Planetary Missions	155
5	09-08-2019	ODD	Mr. J. Dhilip Prabhakaran	Founder CEO	I-MECH Academy, Chennai	Career opportunities after GATE	187

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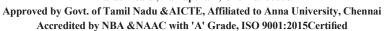Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai

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6	13-08-2019	ODD	Mr.G. SENTHIL KUMAR,	Project Manager	Gesco Healthcare (PVT) LTD, Chennai.	Emerging trends in product development and reverse engineering	155
7	13-08-2019	ODD	Mr.P.NANDA KUMAR	Team Leader	Senior Design engineer, Care soft global India (PVT) LTD, Chennai	Emerging trends in CASTING PRODUCT DESIGN	187
8	14-08-2019	ODD	Mr. Atiq aziz	Founder & Managing Director	M/S. Score Getter Test Preparation Pvt. Ltd & M/S Future Destination Careers Pvt. Ltd.	Importance of Higher Education in Abroad (GRE/IELTS/TOEFL/GMAT)	207
9	22-08-2019	ODD	Dr.Vasudevan	Professor,	Anna University, Chennai – 600025	Recent trends in Waste Management	155

CONFERENCE

Academic Year - 2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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| 1 | National Conference on Advancement and Recent Innovations in Mechanical Engineering (ARIME' 24) | Dr. G. Rajaram Head R&D Department Thejo Engineering limited, Chennai. | 10-04-2024 | Awareness about the recent technological developments in Mechanical Engineering |

Academic Year - 2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1		NIL		

Academic Year - 2021-22

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International e-Conference on the topic Emerging Trends in Mechanical Engineering (ICETME 2021)	Dr. M. Pradeep Kumar Professor Head, Central Workshop Anna University.	6th and 7th of September 2021	Awareness about the recent innovations in material science and technology

Academic Year - 2020-21

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1		NIL		

Academic Year - 2019-20

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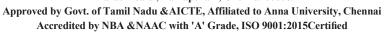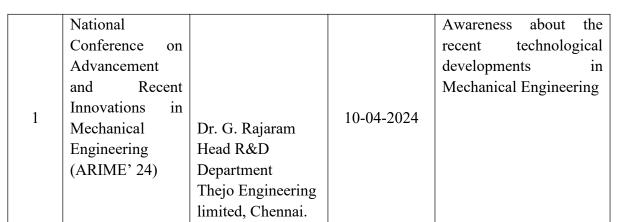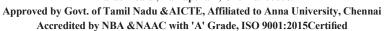## (An Autonomous Institution)
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S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Recent Trends in Mechanical Engineering	Dr. R. SRINIVASAN, Member Secretary TNSCST	06.03. 2020	Awareness about new technologies and avenues.

INDUSTRY SUPPORTED COURSES

Industry supported courses are introduced as credit courses. The students can either go to the industry to take up the course or take up the course given by the skill center at the college.

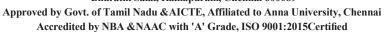| S.No	Course Name	Industry
1	Building Engineering Services - Heating Ventilation and Air Conditioning (HVAC) system	SANVIR Associates Pvt. Ltd.
2	Building Engineering Services - Heating Ventilation and Air Conditioning (HVAC) and Electrical system	SANVIR Associates Pvt. Ltd.
3	Building Engineering Services - Plumbing and Fire Fighting System	SANVIR Associates Pvt. Ltd.
4	Building Web App with Python & Django	Copper Cloud IOTech, Pune
5	Programming and Simulation Of Service Robots Using Coppelia Sim	Prag Robotics
6	Building of Intelligent Robots	Prag Robotics
7	Simulation of Industrial Robots	Prag Robotics
8	Introduction to Non Destructive Testing	Asset Integrity Testing & Engineering services
9	Advanced Non Destructive Testing	Asset Integrity Testing & Engineering services
10	Basics, Limits & Tolerance	TVS Training Services
11	GD & T - Drawing Reading, Symbolic Representation	TVS Training Services

INDUSTRIAL VISITS

S.NO	ACADEMIC	INDUSTRIAL VISIT FOR	NO OF	DATE

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	YEAR	STUDENTS	STUDENTS	
	2023-2024	North Chennai Thermal Power Station -II	60	28.03.2024
	2023-2024	North Chennai Thermal Power Station -II	60	27.03.2024
	2023-2024	TVS- Training & Service	184	05.02.2024 to 17.02.2024
	2022-2023	North Chennai Thermal Power Station -II	70	13.09.2023
	2022-2023	North Chennai Thermal Power Station -II	70	12.09.2023
	2022-2023	Solar Park, IIT Madras, Chennai	35	27.09.2022
	2022-2023	Apollo Tyers, Chennai	25	23.09.2022
	2021-2022	Brakes India Foundry Division (Virtual)	60	10.03.2022
	2021-2022	Sumedhas, Bangalore (Virtual)	120	27.01.2022
	2021-2022	Shanthi Gears, Coimbatore (Virtual)	120	05.08.2021
	2021-2022	Siemens, Bangalore (Virtual)	120	13.02.2021
	2019-2020	Integral Coach Factory, Chennai	130	12.09.2020
	2019-2020	TAFE, Chennai	120	27.03.2020
	2019-2020	Ashok Leyland, Chennai	125	05.10.2019

CENTRE OF EXCELLENCE

MEMORANDUM OF UNDERSTANDING (MOU)

S. No.	Year of MOU Signed	Name of the Company	Activities
1.	2021	Ashok Leyland Limited, Hosur, Unit 2	One week Training for 2 Faculty, 30 Students Internship, 5 Students Placed as GET
2.	2022	TVS Training and Services Ltd. Chennai	One week Training for 10 Faculty, One week Placement readiness training for 169 Students , 12 Students Placed in industries through Placement Assistance.

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3.	2022	Thejo Engineering Limited, Chennai	Consultancy, Internships
4.	2022	Venuza Enterprises Pvt. ltd.	Consultancy, Internships
5.	2022	Prag Robotics Private Ltd. Chennai	45 Students Training, 5 Students completed Industry Supported Course
6.	2022	Flow control Commune Pvt. ltd.	Company executive training, Consultancy of Rs 25,000
7.	2023	Ideal 3D, Chennai	Centre of Excellence, Workshop for Students, 20 students carryout projects
8.	2023	Schwing Stetter	On Job Training, Internships

PLACEMENTS

Department of Information Technology

Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24	9	4	-	1	5	142	1	2	1

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2022 -23	13	1	1	1	2	135	1	2	1
2021 -22	16	7	1	1	1	116	-	5	-
2020 -21	13	8	4	1	1	108	-	NIL	-
2019 -20	26	18	4	-	-	91	-	NIL	-

GUEST LECTURES/CORE TEACHING

Academic Year - 2023-2024

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Innovative Product development using AI &ML"	Mr. Selvakumarasamy, Advisor (AI&ML), Cogxta Technologies.	21/09/2023	Gained knowledge on Product development using AI &ML"
2	Recent Trends in Networking	Mr.MP.Arun Kumar, Senior Consultant, IBM, Chennai	23/09/23	Gained knowledge on Networking
3	Network and Cloud Security	Mr.Balachandar, Team Lead, End Point Security Group, Sophosis, Chennai	03/11/23	Exposure on Cloud Security
4	Modern Web Services	Mr.S.S. Mangal Nates, Manager, Applications Programming, Trans Union, Chennai.	06/11/23	Exposure on Modern WEb services
5	Data Integration and Visualization Techniques	Mr.M.Faizal Noordeen, Senior Data Analytics Engineer, Global Analytics India Pvt.Ltd , Chennai	06/11/23	Exposure to different Data Integration techniques
6	Linux and	Mr.Divakar R, Technical Lead,	29/11/23	Gained knowledge

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	Cloud	Infosys		on Linux Os
7	Object Oriented Modelling for Agile Development	Ms.Sneha Selvaraj, Associate Application Developer, APP India PVT Ltd, Chennai	30/11/23	Exposure to Agile Development
8	Unleashing Generative AI	Mrs. Gayathri M A, SOMMAA technologies, Senior software Engineer, Chennai	3/4/24	Learned what is Gen AI, how to train a Gen Ai, how Chatgpt gets input and storage behind it, also gave a deep dive into the Bhashini AI
9	**search and database in AI**	Mr.N.Venkatesh ,DigiAI , Senior software Engineer, Chennai,	4/4/24	Learned the importance of Semantic search Technology and its relations with vector and support databases

Academic Year - 2022-2023

SNO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	Guest Lecture on Design and Technology behind Drones	Mr. J. Jim Daniel Director JEN Engineering Industries, Coimbatore	12/09/2022	Gained knowledge on Design and Technology behind Drones
2	Guest Lecture on Cyber Security	Dr.Bezhilavan, Founder and CEO, Vei Technologies Pvt.Ltd, Chennai	13/09/2022	Students got insight into cyber security.

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3	Guest Lecture on Introduction to Game Design and Development	Mr.DhanuNagarajan, Creative Director, Zaex Enterprises LLP, Chennai	28/09/2022	Guest Lecture on Introduction to Game Design and Development
4	Guest Lecture on How to Crack Amazon Drive	HarshithaRamesh , Retail- Associate, AMAZON	29/09/2022	Gained knowledge on How to Crack Amazon Drive
5	Guest Lecture on ReactJS	Mr. B.Monish, Fullstack Developer, Sanrove Technologies,Chennai	22/11/2022	Learned about ReactJS
6	Guest Lecture on Dev Ops	Mr. Yogeshwar BodicherlaRambob, Senior QA Analyst-IOT, Lennox International, Chennai	07/11/2022	Gained insight into Dev Ops
7	Guest Lecture on Agile and Scrum	Ms.Megna , BDO, L&T , Chennai	28/03/2023	Modern Tool Usage, Life Long Learning
8	Core Teaching on Oracle Architecture	C.Sanjaiyan Oracle Apps DBA Chain.sys India Pvt Limited Batch:2018	06/04/2023	Gained knowledge on oracle
9	Guest Lecture on Full Stack Development	Mr.B.Monish, Full Stack Developer, Sanrove, Chennai	11/04/2023	Guest Lecture on Full Stack Development
10	Core teaching Cyber Security Awareness	Mr. Sathiyan S., Threat Research & Trainer, K7 Computing Pvt. Ltd	12/04/2023	Gained knowledge on cyber security
11	Guest Lecture on Cyber Crime and Security	Mr.R.Balachandar , Team Lead, Endpoint Security Group	13/04/2023	Gained knowledge on cyber security

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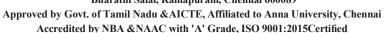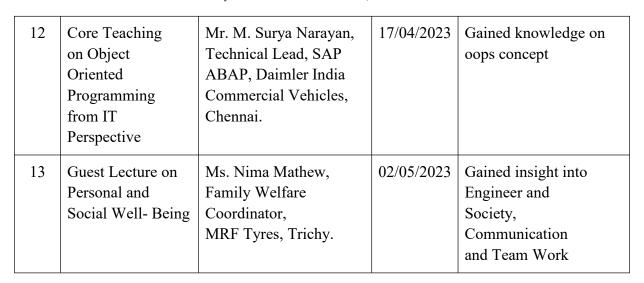Accredited by NBA &NAAC with 'A' Grade, ISO 9001:2015Certified

12	Core Teaching on Object Oriented Programming from IT Perspective	Mr. M. Surya Narayan, Technical Lead, SAP ABAP, Daimler India Commercial Vehicles, Chennai.	17/04/2023	Gained knowledge on oops concept
13	Guest Lecture on Personal and Social Well- Being	Ms. Nima Mathew, Family Welfare Coordinator, MRF Tyres, Trichy.	02/05/2023	Gained insight into Engineer and Society, Communication and Team Work

Academic Year - 2021-2022

SNO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Webinar on Research Methodology	Dr.Nitin Malik, Associate Professor, The North Cap University, Gurgaon	4.6.21	Gained insight on Research Methodology
2.	Webinar-Higher education	Ms.Lakshmi priya,student counselor, Edwisepvt ltd Ms.Mubeen,GRE/IELTS faculty, Edwisepvt ltd	7.6.21	Life Long Learning, Team Work and Communication
3.	Webinar on "Quantum Machine Learning"	Mr. ShadabHussian, Founder of Qunatum Computing India, Full Stack Data Scientistv	19-6-2021	Gained knowledge on "Quantum Machine Learning"
4	Webminar -Open Vinov	Open Vino Training	7.9.21	Life Long Learning, Communication and Team Work, Engineer and Society
5	Recent Trends in	Ms.Megna from L & T	21.9.21	Learned on

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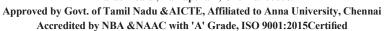Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai

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	IT industry			Recent Trends in IT industry
6	Webminar-Block Chain Technology	Mr.RajkapoorFounder,IBA	13.9.21	Gained knowledge on blockchain
7	Webminar-Tips for developing Modern application	Mr. C. Bharanidharan Development Engineer, COMCAST India Engineering Centre, Chennai	9.11.21	Tips for developing Modern application
8	Core Teaching on Industrial Python	Mr. Muthukumaran Janakiraman,Regional Data Engineer,Kellogg,Chennai	3.2.2022	Gained insight into python
9	Guest Lecture on Artificial Intelligence in FINTECH	Mr.Venkata Krishnan, AI Engineer, PACS, Singapore	11/09/2021	Exposure to AI in Finance Domain
10	Guest Lecture on Web Development Frameworks	Mr.PREM KUMAR.L.S.,Functional Architect,Oracle India Pvt Ltd	27/09/2021	Exposure to Web Development Frameworks
11	Guest Lecture on Fullstack Development	Mr. Karthik NN, Senior Software Engineer, Mr. Cooper Pvt.Ltd	26/10/2021	Gained exposure on Fullstack
12	Guest Lecture on Deploying Applications on Cloud	Mr. Karthickeyan N, Lead Software Engineer, Freshworks	24/11/2021	Esposure to Cloud
13	Core Teaching on "Cloud Computing and Virtualization"	Ms.Ramya Priya, Software Engineer,Chennai	26.03.2022	Knowledge on Cloud and Virtualization

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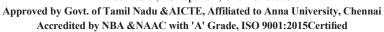**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**

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14	Core teaching on "Embedded And IOT"	Mr.K.M.Kiran, Automation Engineer, MCSIX Industrial Service, Bahrain	08/04/2022	Exposure to Embedded and IoT
15	Core Teaching on " Computer Architecture"	Mr. Manikandan Ganesan , IT Manager , AVA Software Pvt Ltd	09/04/2022	Knowledge on Computer Architecture
16	Guest Lecture on Cyber Security	Vijai K, Managing Director – Technology Consulting, Protiviti India, Bangalore. Karthikeyan C, Senior Manager – Technology Consulting, Protiviti India, Bangalore	13/05/2022	Exposure to Cyber Security

Academic Year - 2020-2021

SNO	TOPIC	RESOURCE PERSON	DATE	OUTCOMES
1.	E -Lecture on Artificial Intelligence	Mr. PrasannaVijayan, Senior Software Engineer, FreshworksVenkata Krishnan, Research Engineer Photobook Ai - Singapore	08/08/2020	Gained knowledge on AI
2.	E –Lecture on Robotic Process Automation	KanagavalliParthasarathy, Automation Lead, IBM	26/09/2020	Gained insight into robotics
3.	E –Lecture on Cloud computing – The Future	Srikanth Y Solution Architect at IDP Education Ltd	28/10/2020	Learned about cloud computing
4.	Guest Lecture on Cyber Security	MrVenugopalan A, Head Information Security, India ; Middle East Africa, TCS	27/01/2021	Ethical Responsibility

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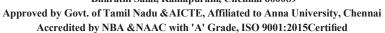Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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5.	Guest Lecture - Digital Twin	MrRadhaswamy.P, Program Manager, TCS	09/02/2021	Learned about digtial twins
6.	Introduction to Yoga and Meditation for Professional Excellence and Stress Management and Life Long Learning	MrKathirvelPerumal, XR and Gamification – Tech Practice Head TCS Interactive	12/02/2021	Ethics and Stress Management
7.	GUEST Lecture On Internet of Things	MrKasiviswanathan U, Delivery Head - IoT Energy Management , TCS	19/03/2021	Learned about IOT
8.	Webinar Social Awareness	Dr.K.Paramaguru Founder & Head Coach, Paramaguru Fitness Center,Chennai	05/05/2021	Modern Tool Usage, Life Long Learning
9.	Webinar Research Opportunities	Dr.Nithin Malik, ASP,CSE,TheNorthcap University, Gurgaon	04/06/2021	Gained insight into research fields
10.	International Workshop on Data Science	Mr.Ripunjay Singh,Scientist,National Institute of Electronics and Information Technology	19/4/2021 to 29/04/2021	Gained knowledge on datascience
11.	Social awareness program - How to Prevent From Covid-	Dr.K.Paramaguru, Fitness Centre,kilpauk	05/05/2021	Created Social Awareness

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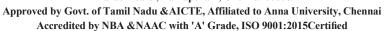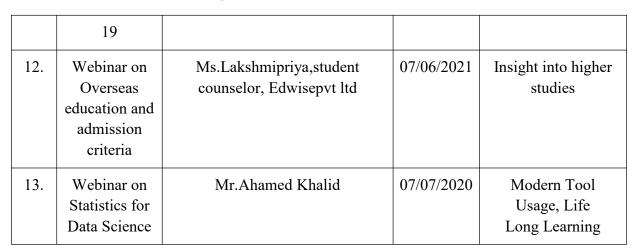Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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	19			
12.	Webinar on Overseas education and admission criteria	Ms.Lakshmipriya,student counselor, Edwisepvt ltd	07/06/2021	Insight into higher studies
13.	Webinar on Statistics for Data Science	Mr.Ahamed Khalid	07/07/2020	Modern Tool Usage, Life Long Learning

Academic Year - 2019 -2020

SNO	TOPIC	RESOURCE PERSON	DATE	OUTCOMES
1.	Guest Lecture on Agile and Devops	Mr.C.Gnanavel, Software Engineer. LTI (L&TInfotech), DLF, Chennai	05/07/2019	Learned about Agile model.
2.	Guest Lecture on Networking and Network Security	Gopal Krishnan, Senior network Design Engineer, WIPRO LTD	18/07/2019	Gained insight into networking
3.	Guest Lecture on Data Analytics	Mr.Ahamed Khalid, Vice President, Imarticus Learning , Chennai	10/08/2019	Gained knowledge on data analytics
4.	Guest Lecture on Mathematical Applications in Information Science	Dr.Venkiteswaran, Professor&Dean, BITS,PILANI	13/08/2019	Problem Solving & Analysis
5.	Guest Lecture	Mr. Kalidas.S, Founder	03/09/2019	Learned cloud

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	on Grid And Cloud Computing	& Director, Ifandfor Endeavours		computing
6.	Guest Lecture on Artificial Intelligence and Deep Learning	Dr.Viswanath Kumar Ganesan, Consultant (R&D), TCS	11/10/2019	Gained knowledge on ai and deep learning
7.	Guest Lecture on Agile Methodologies	Baburajan Chandra, Consultant(R&;D), TCS.	20/12/2019	Learned about Agile model
8.	Guest Lecture on Software Testing	Mr. Balakrishnan Ramjee, IT Analyst, TCS.	20/12/2019	Engineer Society, Life Long Learning
9.	Guest Lecture on Big Data Analytics	Mr. Prasanth . V, Principal Architect, Innovacer. Mrs. Sofiya, Employment Competence Specialist, Innovacer	25/01/2020	Gained knowledge on data analytics
10.	Guest Lecture on Big Data	Venu Katragadda Co-founder, Aisiot Consultancy Pvt Ltd	25/02/2020	Gained knowledge on data analytics
11	Webinar on Positive Thinking Tips and Tricks	Dr. SofiyaSabreen M.Arch, PhD(USA)., Entrepreneur, Life Skill Coach, Corporate Trainer	20/05/2020	Engineer; Society , Life Long Learning
12	Webinar on Carrier pathway in engineering	MrPurushothaman S, Senior Scientist from ISRO	15/05/2020	Gained insight into fields in engineering

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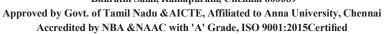**Bharathi Salai, Ramapuram, Chennai 600089**
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13	Webinar on Introduction to SAP	Ms.RekhaPrabhakaran, Technical specialist(SAP), IBM	21/05/2020	Gained insight into SAP
14	Webinar on Data science	MsGoushalyaKothai Nachiyar, Data Science Practitioner,|Blockchain Expert, Amtex Systems	22/05/2020	Learned about data science
15	Webinar on Microsoft Azure overview	Ms.RekhaPrabhakaran, Technical specialist(SAP), IBM	23/05/2020	Problem Solving Analysis
16	Webinar on Machine Learning	Mr.ReddiSekhar, Technical Lead,HCL technologies	27/05/2020	Learned about ML
17	Webinar on Emerging Technologies	Mr.Selva Kumar Panner,Senior Graphics Software Architect,Intel	28/05/2020	Learned future trends
18	Webinar on Virtual and Augmented Reality	Mr.Thirukumara Saravanan,Co Founder,coo|XR LABS	29/05/2020	Gained insight into Virtual and Augmented Reality
19	Webinar on Artificial Intelligence	Mr.G.KarthicRaju,Chief Technologist,Strategies,technology Group,Infosys ltd(UK)	30/05/2020	Learned about AI
20	Webinar on Full Stack Development	Mr.SevamRaju,Full Stack Engineer,Tailor and Francis Group.	01/06/2020	Gained insight into full stack development
21	Webinar on Virtual Desktop Infrastructure	Mr.E.Munivel,Scientist 'D',head ISM & IT group,NIELIT ,Govt of India	02/06/2020	Gained insight into Virtual and Augmented Reality
22	Webinar on Cross Platform	Mr.S.P.Manoj,	01/06/2020	Learned about application

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	Application Development			development
23	Webinar on Edge computing	Module Lead,Mind Tree Limited	01/06/2020	Learned edge computin
24	Webinar on Virtual Reality	Mr.N.Gopal Krishnan,Assistant Manager-IP MPLS,Tata communication	03/06/2020	Gained insight into Virtual and Augmented Reality
25.	Webinar on Amazon Web Services	Mr.M.Sathiya Sankar,founder,Wizorld Technologies	04/06/2020	Learned about AWS
26.	Webinar on Evolution of Big data Analytics	Mr.E.Shiva,technical Lead,Volvo IT	04/06/2020	Learned about data analysis

WORKSHOPS

Academic Year -2023-24

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	HANDS ON WORKSHOP ON APPLICATIONS OF C and ADVANCED PYTHON PROGRAMMING	Mr.SaravananJeyaraman, HeadTraining and R&D, FUTURO FOCUS	04/07/2023	Learned about APPLICATIONS OF C and ADVANCED PYTHON PROGRAMMING	First year students of 15 bathes incorporate the python concepts and impleme

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					nted as mini project
2	Workshop on fullstack development angular js	Mr. Arun SelvaJeromias. A, Manager, Cognizant	01/09/2023	Gained knowledge on fullstack development	Third year students incorporated the full stack concepts and participated in web design symposium events.
3	Workshop- UI/UX Designs for Innovative Mobile App Design	Mr. RajkumarSreenivasan UX/UI mentor OVI Digital Academy	26/03/2024	Experienced UI/UX Design	Third year students incorporated the ui ux design concepts and participa

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					ted in web design symposium events.
4	Hands-on Workshop on Fullstack Development"	Ms.MADHUMATHI.K, Frontend Developer, Livewire-Chennai	27/02/2024	Gained knowledge on fullstack development	Third year students incorporated the full stack concepts and implemented mini projects.

Academic Year -2022-23

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Workshop on Block chain Development	Prayasu - Developer Community relations @Shardeum.	15/02/2023	Gained knowledge on blockchain	Third year students incorporated the block chain concepts and implemented those concepts in project phase II.

Academic Year -2021-22

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	Webinar on "Quantum Machine Learning"	Mr. ShadabHussian, Founder of Qunatum Computing India, Full Stack Data Scientistv	19-6-2021	Gained knowledge on "Quantum Machine	Third year students incorporated the Quantum

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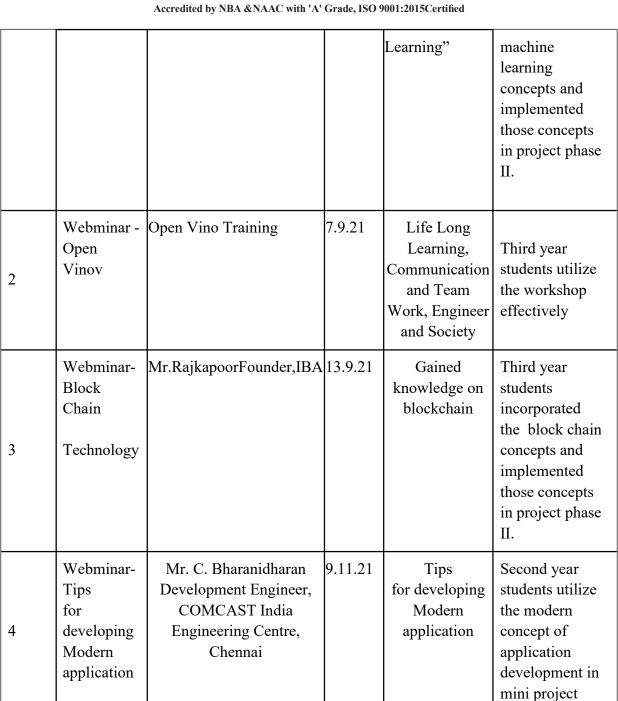|				Learning"	machine learning concepts and implemented those concepts in project phase II.
2	Webminar - Open Vinov	Open Vino Training	7.9.21	Life Long Learning, Communication and Team Work, Engineer and Society	Third year students utilize the workshop effectively
3	Webminar-Block Chain Technology	Mr.RajkapoorFounder,IBA	13.9.21	Gained knowledge on blockchain	Third year students incorporated the block chain concepts and implemented those concepts in project phase II.
4	Webminar-Tips for developing Modern application	Mr. C. Bharanidharan Development Engineer, COMCAST India Engineering Centre, Chennai	9.11.21	Tips for developing Modern application	Second year students utilize the modern concept of application development in mini project

Academic Year -2020-21

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	International Workshop	Mr.Ripunjay Singh,Scientist,National	19/4/2021 to	Gained knowledge on	Students able to analyse the

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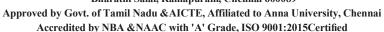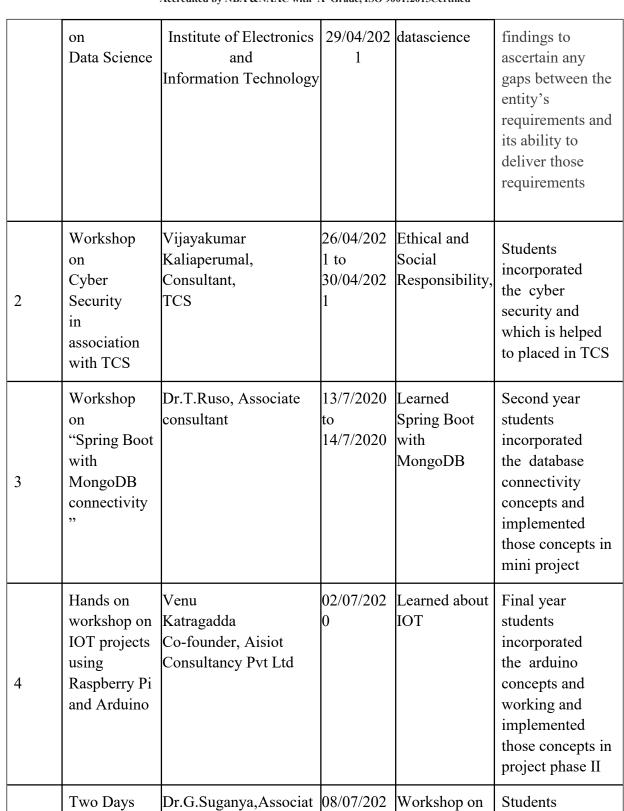|					
	on Data Science	Institute of Electronics and Information Technology	29/04/2021	datascience	findings to ascertain any gaps between the entity's requirements and its ability to deliver those requirements
2	Workshop on Cyber Security in association with TCS	Vijayakumar Kaliaperumal, Consultant, TCS	26/04/2021 to 30/04/2021	Ethical and Social Responsibility,	Students incorporated the cyber security and which is helped to placed in TCS
3	Workshop on "Spring Boot with MongoDB connectivity"	Dr.T.Ruso, Associate consultant	13/7/2020 to 14/7/2020	Learned Spring Boot with MongoDB	Second year students incorporated the database connectivity concepts and implemented those concepts in mini project
4	Hands on workshop on IOT projects using Raspberry Pi and Arduino	Venu Katragadda Co-founder, Aisiot Consultancy Pvt Ltd	02/07/2020	Learned about IOT	Final year students incorporated the arduino concepts and working and implemented those concepts in project phase II
5	Two Days Workshop on	Dr.G.Suganya,Associate Director,VIT,chennai	08/07/2020 &	Workshop on "Data Science"	Students incorporated the data science

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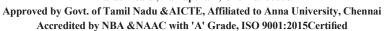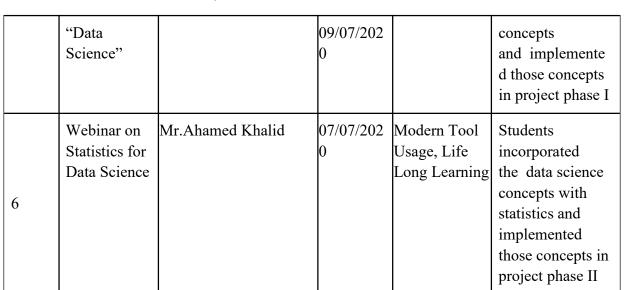**Bharathi Salai, Ramapuram, Chennai 600089**
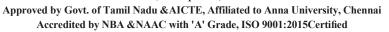Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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	"Data Science"		09/07/2020		concepts and implemented those concepts in project phase I
6	Webinar on Statistics for Data Science	Mr.Ahamed Khalid	07/07/2020	Modern Tool Usage, Life Long Learning	Students incorporated the data science concepts with statistics and implemented those concepts in project phase II

Academic Year -2019-20

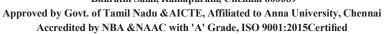| S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME	IMPACT ANALYSIS
1	One day Hands-on workshop on "Web development using Ember.js"	Mr.PrassannaVijayan, Associate | Front End Developer-CTS,Chennai	09/02/2019	Learned web development	Third year students incorporated the full stack concepts and participated in web design symposium events.
2	Webinar on Introduction to SAP	Ms.RekhaPrabhakaran, Technical specialist(SAP), IBM	21/05/2020	Gained insight into SAP	Students incorporated the SAP and gain knowledge
3	Webinar on Data science	MsGoushalyaKothai Nachiyar, Data Science Practitioner,|Blockchain Expert, Amtex Systems	22/05/2020	Learned about data science	Students incorporated the data science concepts and implemented those concepts in project phase I

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4	Webinar on Microsoft Azure overview	Ms.RekhaPrabhakaran, Technical specialist(SAP), IBM	23/05/2020	Problem Solving Analysis	Students trained in Azure cloud and implemented those concepts in project phase I
5	Webinar on Machine Learning	Mr.ReddiSekhar, Technical Lead,HCL technologies	27/05/2020	Learned about ML	Students incorporated the machine learning concepts and algorithm implemented those concepts in project phase I
6	Webinar on Emerging Technologies	Mr.Selva Kumar Panner,Senior Graphics Software Architect,Intel	28/05/2020	Learned future trends	Students able to analyse the findings to ascertain any gaps between the entity's requirements and its ability to deliver those requirements
7	Webinar on Virtual and Augmented Reality	Mr.Thirukumara Saravanan,Co Founder,coo|XR LABS	29/05/2020	Gained insight into Virtual and Augmented Reality	
8	Webinar on Artificial Intelligence	Mr.G.KarthicRaju,Chief Technologist,Strategies,t echnology Group,Infosys ltd(UK)	30/05/2020	Learned about AI	Students trained in Virtual reality analyse the findings to ascertain any gaps between the entity's requirements and its ability to deliver those requirements
9	Webinar on Full Stack Development	Mr.SevamRaju,Full Stack Engineer,Tailor and Francis Group.	01/06/2020	Gained insight into full stack development	Third year students incorporated the full stack concepts and participated in web design symposium

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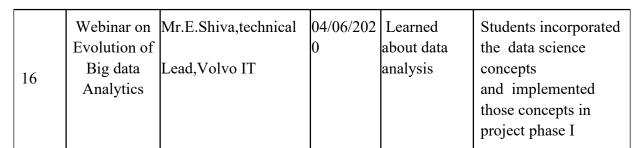### (An Autonomous Institution)
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					events.
10	Webinar on Virtual Desktop Infrastructure	Mr.E.Munivel,Scientist 'D',head ISM & IT group,NIELIT ,Govt of India	02/06/2020	Gained insight into Virtual and Augmented Reality	Students trained in Virtual cloud infrastructure and implemented those concepts in mini project
11	Webinar on Cross Platform Application Development	Mr.S.P.Manoj,	01/06/2020	Learned about application development	Students able to analyse the findings to ascertain any gaps between the entity's requirements and its ability to deliver those requirements
13	Webinar on Edge computing	Module Lead,Mind Tree Limited	01/06/2020	Learned edge computin	Students trained in Edge computing and implemented those concepts in project phase II
14	Webinar on Virtual Reality	Mr.N.Gopal Krishnan,Assistant Manager-IP MPLS,Tata communication	03/06/2020	Gained insight into Virtual and Augmented Reality	Students trained in Virtual reality analyse the findings to ascertain any gaps between the entity's requirements and its ability to deliver those requirements
15	Webinar on Amazon Web Services	Mr.M.Sathiya Sankar,founder,Wizorld Technologies	04/06/2020	Learned about AWS	Students trained in Amazon cloud and implemented those concepts in project phase I

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16	Webinar on Evolution of Big data Analytics	Mr.E.Shiva,technical Lead,Volvo IT	04/06/2020	Learned about data analysis	Students incorporated the data science concepts and implemented those concepts in project phase I

CONFERENCE

Academic Year - 2023-2024

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International Conference on Computational Intelligence and Communication Networks (ICCICN 2024)	Mr. Syed Munir Shah, Chief Information Security Officer of Disrupt-X, Global IoT Solutions Platform at Dubai, United Arab Emirates.	12.4.24 -13.4.24	To bring together people with common interests and discuss issues and ideas relating to a specific topic.

Academic Year - 2022-2023

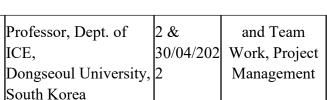| S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International e-Conference on Computational Intelligence and Communication Networks (e-ICCICN 2023)	Pr Prof. Vun Chan Hua, Nicholasholas	27/4/27/04/2023 & 28/04/2023	To bring together the world's leading scholars and opinion leaders and to increase our understanding of emerging scientific issues and research methodologies relating to IT Fields.

Academic Year - 2021-2022

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International E conference on	Dr. JeongJin Kang	29/04/202	Communication

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	Computational Intelligence and Communication Networks	Professor, Dept. of ICE, Dongseoul University, South Korea	2 & 30/04/2022	and Team Work, Project Management

Academic Year - 2020-2021

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1	International E-conference on Information, communication and networking"	Dr.Xavier,Fernanda,Professor and director,Ryerson communications lab,Canada. Dr.Thanmaraiselvi soma sundaram,Vice Chancellor,Thiruvalluvar university,Vellore. Dr.Paa-AnnHsiung, Director General, Smart technology office, Chiayi Municipal Government,Taiwan	9/7/2020 to 11/7/2020	Information, communication and networking fields

Academic Year - 2019-2020

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOMEvg
		-=-		

INDUSTRY SUPPORTED COURSES
Academic Year 2023-2024

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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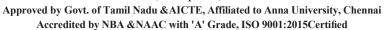| 1.	Basic static malware analysis	Mr.S.Sathiyan Threat Researcher & Trainer K7 Computing Pvt Ltd,Chennai	13.04.2024 to 15.04.2024	- assess malware infection vectors in identifying and addressing potential threats. - categorize malware to a robust defense against malicious threats. - classify malware by utilizing file attributes in malicious threats - identify virtualization in malware for detecting and mitigating threats in virtualized environments.Top of Form - utilize monitoring tools to conduct in-depth analyses for threat detection and response.
2	Dynamic malware analysis	Mr.S.Sathiyan Threat Researcher & Trainer K7 Computing Pvt Ltd,Chennai	24.11.2023 to 29.11.2023	- analyze, identify, and deploy countermeasures against Windows malware for enhanced system security. - utilize Windows fundamentals to respond for malware behavior, - interpret the behavior of malicious software in real-time. - apply robust countermeasures against persistent malware techniques in systems from potential threats. - categorize malware to behavioral characteristics and respond to threats more effectively.

Academic Year 2022-2023

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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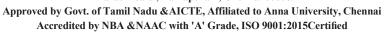**Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai**
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1.	Dynamic malware analysis	Mr.S.Sathiyan Threat Researcher & Trainer K7 Computing Pvt Ltd,Chennai	09.06.2023 to 13.06.2023	· analyze, identify, and deploy countermeasures against Windows malware for enhanced system security. · utilize Windows fundamentals to respond for malware behavior, · interpret the behavior of malicious software in real-time. · apply robust countermeasures against persistent malware techniques in systems from potential threats. · categorize malware to behavioral characteristics and respond to threats more effectively.
2.	Basic static malware analysis	Mr.S.Sathiyan Threat Researcher & Trainer K7 Computing Pvt Ltd,Chennai	14.06.2023 to 21.06.2023	• assess malware infection vectors in identifying and addressing potential threats. • categorize malware to a robust defense against malicious threats. • classify malware by utilizing file attributes in malicious threats • identify virtualization in malware for detecting and mitigating threats in virtualized environments.Top of Form • utilize monitoring tools to conduct in-depth analyses for threat detection and response.

Academic Year 2021-2022

.	TOPIC	RESOURCE PERSON	ATE	OUTCOME

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ing WebApp with thon & Django	Mr.Abhijeet irikar Mr.Madhusudan Mishra Mr.Saumyakanta Khatua	6.2022 to 06.2022	Building a WebApp with n and Django results in a nal and user-friendly ation. The application is secure, uilt-in protections against on vulnerabilities. Django's architecture allows lability, handling increased affic and data efficiently. Customization options adding new features and ating third-party services. Developing with Python ango enhances skills in evelopment and backend mming.
ud Computing ndamentals & tices using AWS loud Platform	Mr.Abhijeet Deogirikar Mr.Bharatkumar Chatla Mr.Saumyakanta atua Mr.Madhusudan Mishra	2022 to 2022	Gain a solid understanding cloud computing basics. Become proficient in using VS services like EC2, S3, RDS. Learn deployment hniques and resource nagement on AWS. Implement security asures and best practices cloud environments. Acquire practical experience ough hands-on labs and jects.

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Ops – A Practical bach for Software tions in Industry	Mr.Saumyakanta tua Mr.Madhusudan Mishra	2022 to 2022 & 2022 to 2022	Understand core DevOps les like CI/CD and ation. amiliarize yourself with evOps tools such as r, Jenkins, and Ansible. earn effective collaboration ies between development erations teams. utomate software ment processes for speed iability.
stry approach to e cyber physical T Solutions as pping stone to Industry 4.0	bhijeet Deogirikar Dr.Shraddha Dr.Prof Kavita Musale	2022 to 2022	rn Industry 4.0 concepts eir relevance to cyber- al IoT solutions. relop IoT solutions using s, actuators, and controllers. grate IoT solutions with platforms for data ement and analytics. lement security measures cryption and access control devices and data.
roject Life Cycle Management ndamentals – erfall and Agile Practices	Mr.Abhijeet Deogirikar Mr.Madhusudan shra Mr.Bharatkumar Chatla	2022 to 2022	Learn about Waterfall d Agile methodologies in project management. Gain proficiency in anning and executing ojects using the Waterfall proach. Implement Agile actices such as iterative velopment and adaptive anning. Develop skills in oject planning, resource anagement, and risk itigation.

Academic Year 2020-2021

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S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
	NIL			

Academic Year 2019-2020

S.NO.	TOPIC	RESOURCE PERSON	DATE	OUTCOME
	NIL			

INDUSTRIAL VISITS
Academic Year 2023-24

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	CDAC Tidel ParkChennai	24.4.24 & 25.4.24	Students will be able to understand the Innovative projects developed with various software tools at the center for development and computing.
2	NIOT(National Institute of Ocean Technology)Pallikaranai	27.3.2024 & 2.2.2024	students will be able to apply the concepts learnt in Information technology that supports data collection, analysis, and collaboration in Ocean Technology, enabling advancements in exploration, environmental monitoring, and disaster management.
4	Pyroferus Technologies Pvt Ltd, Chennai	23.12.2023	Students will be able to use the software testing tools learnt to test their projects and softwares developed.
5	TANSAM, Tidel Park, Chennai,	20.9.2024 & 21.9.2024 and 10.8.2023 &11.8.2023	Students will be able to exhibit their skills and knowledge in various domains like Cloud,IOT,AI & ML and AR & VR technologies through the application and tools learnt from the Industry Visit.

Academic Year 2022-23

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S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	Monolith Research and Training Labs Pvt Ltd,Ashok Nagar,Chennai	18/03/2023	Students will be able to develop projects related to AR & VR technologies.
2	U R Rao Satellite Centre, Bengaluru	11.11.2022	Students Will be able to work on the software tools and Methods integrated in the Satellite .

Academic Year 2021-22

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	Monolith Research and Training Labs Pvt Ltd,Ashok Nagar,Chennai	11/03/2022	Students will be able to develop projects related to AR & VR technologies.

Academic Year 2020-21

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
1	Ocean Academy Software,Puducherry	29.1.2021	Students will be able to develop android Applications and Cloud projects using AWS cloud Platform.

Academic Year 2019-20

S. NO.	NAME OF THE INDUSTRY	DATE OF VISIT	OUTCOME
	NIL		

Industry Supported Laboratories:

S.No.	Topic	Outcome	Relevance to PO PSOs
1	K7 computing-Malware analysis lab	analyze, identify, and deploy countermeasures against Windows malware for enhanced system security. utilize Windows fundamentals to respond for malware behavior, interpret the	PO1, PO2, PO3, PO4,PO5,PO6,PO9,PSO1,PSO2

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		behavior of malicious software in real-time. apply robust countermeasures against persistent malware techniques in systems from potential threats. categorize malware to behavioral characteristics and respond to threats more effectively.	

CENTRE OF EXCELLENCE

Academic Year 2023-24 & 2022-23

S. NO.	NAME OF THE COMPANY	TOPIC	OUTCOME
1	K7 Computing private limited	Malware analysis	Industry based training

PLACEMENTS

Academic Year 2019-20

S.No	me of the Student Placed	Enrollment No.	Company Placed
1.	AADHITHYA K R	616205001	FULL CREATIVE
2.	AARTHI V	616205002	ACCENTURE
3.	ABIRAMI S	616205003	TCS NINJA, ACCENTURE
4.	ADITYA R	616205004	FULL CREATIVE
5.	AISWARYA G	616205007	SUTHERLAND
6.	AJAY VENKATESH R	616205008	SUTHERLAND
7.	AHKILA BALASUBRAMANIAN	616205009	CODINGMART, LTI
8.	AMIRTA MOHANTA	616205010	HEXAWARE

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9.	ANUSHA J R	616205011	SYNCFUSION
10.	ARAVINDH R	616205012	ETHNUS
11.	ARULALAN G V	616205013	HCL
12.	ARUN KUMAR P	616205014	IDP EDUCATION
13.	ASHWINI S	616205015	MOCDOC
14.	ASIFA EKEEM	616205016	LTI
15.	BALAJI S	616205017	TCS
16.	BALA KUMARAN K	616205018	TCS NINJA, ACCENTURE
17.	ALASUBRAMANIAN U	616205019	TCS NINJA
18.	BARANI R	616205020	TCS NINJA, ACCENTURE,SYNAMEDIA
19.	CAROLINE J	616205021	MOCDOC
20.	DEEBAMALA V	616205022	ACCENTURE
21.	DEEKSHA R	616205023	TCS NINJA
22.	DEEPIKA S	616205024	SUTHERLAND
23.	DEEPIKA MURALI	616205025	BYJUS ,SUTHERLAND
24.	HEEPAK NARAYANAN K B	616205026	ZOHO - SALES
25.	GAGANDEEP S	616205027	TCS NINJA
26.	GANESH MOORTHI S	616205028	TCS NINJA
27.	GAYATHRI S	616205029	ACCENTURE
28.	GIRIDHARAN E	616205030	SUTHERLAND
29.	GOKULNATH M	616205032	ATOS SYNTEL
30.	URUPRAKASH RAM B	616205033	MOCDOC
31.	ABIB DHULFIKHAR H	616205034	TCS
32.	HANISHA R	616205035	EWGEN TECHNOLOGIES
33.	HARI PRASHANTH S	616205037	SPINEBIZ
34.	HARISH P	616205038	TVS CREDITS

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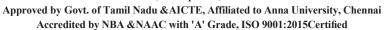Bharathi Salai, Ramapuram, Chennai 600089
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35.	HARITHA V	616205039	ELAIT IT TECHNOLOGY
36.	ARSHITHA RAMESH	616205040	BYJUS , PICK YOUR TRAIL
37.	ISHA KRITIKA G	616205041	EION WIRELESS
38.	JAYACHANDRAN R	616205042	SUTHERLAND
39.	JAYAGANESHAN M	616205043	MADIEE GAMES
40.	JEEVANKUMAR N	616205045	SUTHERLAND
41.	KAMALA KANNAN R	616205046	CODINGMART, FACILIO
42.	KARTHICK S	616205047	SUTHERLAND
43.	KARTHIKA A	616205048	TCS NINJA, ACCENTURE
44.	KARTHIK KARUPPIAH R	616205049	SUTHERLAND
45.	KEERTHANA S	616205050	TCS NINJA
46.	KEERTHANAN S	616205051	ACCENTURE
47.	KIRAN KUMAR A	616205052	ACCENTURE
48.	KISHOR R	616205053	WIPRO
49.	ISHWAR SAMEENA B	616205054	TCS
50.	KUNGUMA SARVESHWARAN V	616205055	BYJUS
51.	KSHMINARAYANAN G	616205056	MOCDOC, BYJUS
52.	LOGESHWARI J	616205058	ACCENTURE
53.	LOKESH KUMAR T	616205059	SUTHERLAND
54.	MADHAN KUMAR R	616205060	SPINEBIZ
55.	MADHUMITHA C	616205061	HEXAWARE
56.	MADHUSHALINI V	616205062	ACCENTURE
57.	MANIKANDAN VV	616205063	SUTHERLAND
58.	MATHUMATHI A	616205064	TVS CREDITS
59.	MEGNA N	616205065	LTI
60.	MONICKHA R R	616205067	LTI

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61.	MYTHREYAN S	616205068	TCS NINJA
62.	NANCY SHARON JOHNSON	616205069	LTI
63.	NIRANJANA G	616205070	SUTHERLAND
64.	NISHITHA P	616205071	FULL CREATIVE
65.	NIVEDHITHA S	616205072	ACCENTURE
66.	PALLAVI DUTTA	616205073	MOCDOC
67.	PAVITHRA DEVI G	616205074	TCS NINJA, ACCENTURE
68.	POOJA K	616205075	LTI
69.	RADEEP SUBASH S K	616205076	SUTHERLAND, CAPGEMINI
70.	PRIYADHARSHINI S	616205077	HEXAWARE
71.	PRIYANGA S	616205078	ACCENTURE
72.	RAGUPATHY R	616205079	SUTHERLAND
73.	RAHUL BOHRA A	616205080	SUTHERLAND
74.	RAJ GANESH G B	616205081	KATALYST LABS
75.	RAJHASHIMMA V	616205082	SUTHERLAND
76.	RESHMI SHREE S	616205083	ACCENTURE
77.	RUBHA SHREE R	616205084	IBM, SUTHERLAND
78.	SAAGARIKA G	616205085	MPHASIS
79.	SABARISH R	616205086	LTI
80.	SANGEETHA S	616205087	MPHASIS
81.	ANTHOSH KUMAR N	616205089	BYJUS
82.	ARAVANA KUMAR M	616205091	ACCENTURE
83.	SARAVANAN B	616205092	TCS
84.	HANMUGA PRIYA R	616205094	SUTHERLAND, TECH MAHENDRA
85.	SHARUKH BABU	616205095	ZOHO
86.	SHEELA S	616205096	ACCENTURE

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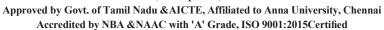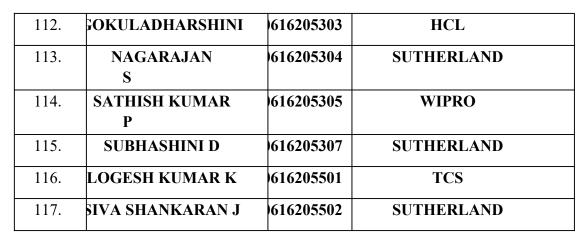| 87.	SHRUTHI S	616205098	SUTHERLAND, TECH MAHENDRA
88.	SIVANANDH S	616205099	THERLAND, ZOHO BOOKS
89.	SNEHA G JOSHI	616205100	TCS NINJA, ZOHO
90.	SOWMIYA N	616205101	SUTHERLAND, TECH MAHENDRA
91.	SRIDEVI A	616205103	ACCENTURE
92.	SRIPRADHA S	616205104	ICK YOUR TRAIL, BYJUS , FRESHWORKS
93.	SRITHARNI C N	616205105	TATA ELXSI
94.	STEFAN J	616205106	ACCENTURE
95.	SUBHASH V	616205107	SUTHERLAND
96.	SUDHARSAN A	616205108	SUTHERLAND
97.	SURAJ R	616205109	TCS
98.	TAMIL SELVAN A	616205110	TCS
99.	THRISHA V	616205111	TCS NINJA
100.	VARSHA S	616205112	TCS NINJA, ACCENTURE
101.	VARUN KUMAR J	616205113	BYJUS
102.	VIGNESH V	616205115	TCS
103.	VIGNESH GUJJAR R	616205116	BYJUS
104.	VIJAY R	616205117	FULL CREATIVE, ZOHO
105.	VIJAY PRABU R	616205118	ACCENTURE
106.	VINEETH M	616205119	TCS NINJA
107.	VISHNU DOSS S	616205120	TCS
108.	YOGALAKSHMI G	616205121	MPHASIS
109.	YUGENDRAN P S	616205122	TCS NINJA
110.	BALAJI	616205301	HCL
111.	BHARATH V	616205302	HCL

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112.	GOKULADHARSHINI	616205303	HCL
113.	NAGARAJAN S	616205304	SUTHERLAND
114.	SATHISH KUMAR P	616205305	WIPRO
115.	SUBHASHINI D	616205307	SUTHERLAND
116.	LOGESH KUMAR K	616205501	TCS
117.	SIVA SHANKARAN J	616205502	SUTHERLAND

Academic Year 2020-21

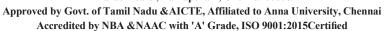| S.No	ame of the Student Placed	nrollment No.	Company Placed
1.	ILASH N M	617205001	S
2.	INAYA M	617205002	S
3.	ITHYA K	617205003	THERLAND, SPEED LABS, HASIS
4.	AI KUMAR M	617205004	CENTURE
5.	EESH R	617205006	S
6.	JANA SRIRAM	617205007	PRO
7.	LAJI N	617205009	THERLAND
8.	LA PRADEEP KUMAR M	617205010	CENTURE
9.	AGYASHREE C	617205011	JANET
10.	ARAN M	617205012	CENTURE
11.	EPTHI SRI S	617205013	S NINJA
12.	JA SHERLIN A	617205014	THERLAND
13.	NESH REDDY P	617205015	S
14.	MIDHA PARVEEN J	617205016	THERLAND(NON VOICE), HCL
15.	UHAN R	617205017	THERLAND
16.	PINATH R	617205018	S NINJA
17.	RISHITA S	617205019	S NINJA

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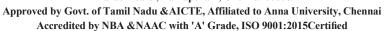Bharathi Salai, Ramapuram, Chennai 600089
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18.	MANTH KUMAR R	617205020	S NINJA
19.	LAIVANI B	617205022	THERLAND
20.	NNAN MADHAVAN R	617205023	INK SYNQ , M2P SOLUTIONS, TISOL BUSINESS SOULTIONS
21.	RTHIKEYAN S	617205024	TISOL BUSINESS SOULTIONS
22.	VIN AJAY S	617205026	L, SUTHERLAND(NON VOICE)
23.	VIYASREE C L	617205027	PRO
24.	ERTHANA J P	617205028	T DATA , SUTHERLAND(NON ICE)
25.	ERTHANNA V	617205029	CENTURE
26.	SAV KUMAR M	617205030	CENTURE
27.	ANSA KHANAM U	617205031	S
28.	RUBA RAJA	617205032	JUS
29.	SHORE K	617205033	CENTURE
30.	SHORE RAM M	617205034	PRO
31.	ITHIKA V	617205036	S
32.	ENAKSHI R	617205038	JANET
33.	HAMMED MUSHARAF M	617205041	PPY MEDIA PRIVATE LIMITED
34.	GESH KUMAR Y	617205042	S
35.	RALI DHARAN T	617205043	ANXIT SOLUTIONS
36.	THU SELVAM S	617205044	S DIGITAL , CTS
37.	GESWARI S V	617205045	PRO
38.	NDHINI N	617205046	PRO
39.	RENDER B	617205047	S NINJA
40.	RESH J	617205048	S NINJA
41.	VEEN KUMAR P	617205049	S, WIPRO
42.	VEEN KUMAR R	617205050	I
43.	HAR R	617205052	HO, MINDTREE
44.	HIN RAJ J	617205053	THERLAND(NON VOICE), FITT SOLUTION

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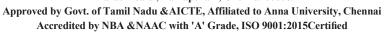Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai

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45.	EDHA NANDHINI R	617205054	CENTURE
46.	TAMSETTI GNANA KSHMI NANDINI	617205056	L
47.	AGYA M	617205059	THERLAND
48.	ASSHANTH R K	617205060	I
49.	AVEEN KUMAAR K	617205061	PGEMINI
50.	AVIN KUMAR R	617205062	CENTURE
51.	EETHI S	617205063	THERLAND(NON VOICE)
52.	IYADARSHINI S	617205064	S NINJA, WIPRO
53.	IYA DHARSHINI S	617205066	S
54.	IYANKA S	617205067	TRON LIFE, HCL
55.	CHAMALLA MRUDULA	617205068	S
56.	GUL S	617205069	PRO
57.	HUL GANESH P	617205070	I
58.	JKUMAR A	617205071	S
59.	MYA T	617205073	L, SUTHERLAND(NON VOICE)
60.	MYA PRIYA R	617205074	PRO
61.	HEETH S	617205075	ED LABS
62.	HITH M	617205076	LIGENT SQUAD CHNOLOGIES, INFOSYS
63.	AI KAMALATHAI S P	617205078	CENTURE
64.	LY THOMPSON	617205079	THERLAND(NON VOICE)
65.	NDEEP R	617205080	INK SYNQ , SUTHERLAND(NON ICE), TATA TECHNOLOGIES
66.	RANYA R	617205081	S NINJA
67.	RATH KUMAR D	617205082	S
68.	RATH KUMAR M	617205083	TISOL BUSINESS SOULTIONS
69.	RAVANAKUMARI P	617205084	S
70.	RAVANAN R	617205085	S CORP
71.	THIYA GIRINATHAN R	617205086	LL CREATIVE

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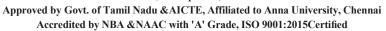Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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72.	LVAKUMAR R	617205088	MENOS
73.	ARANYA GANESAN	617205091	HWAN CYBERTEK
74.	ARON HAJHAN L U	617205092	CENTURE
75.	IVANII S	617205093	CENTURE
76.	IVVANI P N	617205094	CENTURE
77.	WARRNAMALYA N.L	617205096	PRO
78.	RITI SIVASUBRAMANIAN	617205097	S NINJA
79.	HARI R	617205098	CENTURE
80.	NIVAS R	617205100	THERLAND
81.	RAM R	617205101	RTUSA
82.	RAM V R	617205102	THERLAND
83.	TARUNIKHA T	617205103	THERLAND(NON VOICE)
84.	RYA J	617205106	LEO INDIA , THERLAND(NON VOICE), HCL
85.	SHMITHA K	617205107	PRO
86.	MILVANAN M	617205108	S CORP
87.	IVIYABALA T	617205109	NAULT NISSAN
88.	ISHNAVI K	617205110	WGEN
89.	DHYALAKSHMI N	617205111	ON SYSTEMS
90.	GNESH C P	617205112	THERLAND
91.	HNU PRIYA V	617205113	T GLOBAL
92.	THUVANTHI S	617205114	THERLAND
93.	AMED HARRIES	617205301	INDIA
94.	THISH KUMAR.R	617205303	THERLAND

Academic Year 2021-22

S.No	Name of the Student Placed	Enrollment No.	Company Placed
1.	ISHYNA	618205001	SIGMA, PRODAPT, CTS GEN C , CENTURE

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2.	IRTHA VARSHA	618205003	T ACCESS
3.	ANDHAKRISHNAN	618205004	S
4.	ISH	618205005	S NINJA, CTS GEN NEXT
5.	JANA	618205006	S
6.	NIE CATHERINE	618205007	JANET
7.	AVIND	618205008	PRO
8.	THI	618205010	PIDDATA TECHNOLOGIES
9.	UN KUMAR BBIAH	618205011	S
10.	UNRAJ	618205012	S
11.	RATH RAJ	618205013	OUDIX GOBAL SOLUTIONS
12.	UVANEASHVARI	618205014	S
13.	NEY PRINCE	618205015	THERLAND
14.	DDARTH	618205017	S
15.	EPAK	618205018	UTIAS
16.	EPAK KUMAR	618205019	PRO, CTS
17.	ESING	618205021	THERLAND
18.	IVAKAR	618205022	THERLAND
19.	NESH KUMAR	618205023	ODAPT
20.	KUL K	618205024	TA ELXSI
21.	KUL	618205025	THERLAND
22.	KUL RANJITH	618205026	S CREDIT
23.	WTHAM	618205027	TA ELXSI
24.	RUPRASATH	618205028	OS SYNTEL
25.	NNAH GRACELIN	618205029	THERLAND
26.	RINIYA	618205030	HUNUS, SUTHERLAND
27.	RI PRIYA	618205031	PIDDATA TECHNOLOGIES
28.	RSHINI	618205032	S CORP
29.	MANTH	618205033	S

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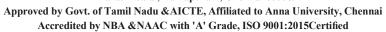Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai
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30.	MA RUBA	618205034	I
31.	CQULIN IZABETH	618205035	OS SYNTEL
32.	ILASH PREM	618205036	THERLAND
33.	RTHIKEYAN	618205037	TA ELXSI, SUTHERLAN
34.	VIYA RSHETHAA	618205038	S CORP (TECHNICAL)
35.	RITHIK R	618205039	OS SYNTEL
36.	RTHIKA P	618205040	ODAPT , WIPRO,CTS, ACCENTURE
37.	RUTHIGA MANIVEL	618205041	S
38.	KESH D	618205042	THERLAND
39.	KESHWARAN	618205043	FOSYS
40.	DHUMITHA V	618205044	S
41.	DHUMMITHA	618205045	ODAPT
42.	HESH SARAVANAN	618205046	ODAPT , WIPRO, ACCENTURE
43.	HALAKSHMI	618205047	S NINJA, WIPRO
44.	LAVIKA	618205048	PRO,CTS
45.	NOJ V	618205049	JANET
46.	NOJ KUMAR M P	618205050	F DATA SCIENCE, ROBERT BOSCH
47.	IYARASU	618205051	HUNUS
48.	NISH B	618205052	HO, LTI
49.	NISH L	618205053	OTON
50.	NISH S	618205054	HO, ZOHO , ROOTQUOTIENT, ECYCLE TECHNOLOGIES
51.	NISH KUMAR M	618205055	ODAPT ,CTS
52.	RAYANA ORTHY	618205056	L
53.	THIN KUMAR	618205057	ODAPT
54.	HIYASHREE P.	618205058	C, WIPRO
55.	HYASHREE S.	618205059	S NINJA, WIPRO, CTS, ACCENTURE
56.	ABU	618205062	S

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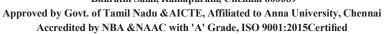### (An Autonomous Institution)
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57.	ADEEP KUMAR	618205063	ODAPT , CTS
58.	ANAOU	618205065	ODAPT ,WIPRO
59.	ASANTH	618205066	FTCRYLIC, TATA ELXSI
60.	AVIN	618205067	PRO
61.	IYADHARSHINI	618205068	S NINJA,WIPRO,CTS
62.	JVIGNESWARAN	618205070	S NINJA,WIPRO
63.	MYA B	618205071	TRIMONY , ACCENTURE, RTONLIFELOCK, THOUGHTWORKS
64.	HINE	618205073	RD MOTORS
65.	RAJA GOPAL	618205074	JANET , ROOTQUOTIENT, WELLS RGO
66.	LAUDEEN AHAMED	618205075	BERT BOSCH
67.	MULA BLESSIE	618205076	XAWARE
68.	MYUKTHA S.JOSHI	618205077	ODAPT , CTS
69.	NDHYA	618205078	JANET
70.	NJAI KRISHNA	618205079	CH MAHINDRA
71.	NJEEV	618205080	PRO , CTS
72.	NKARA RAYANAN	618205081	S NINJA , CTS
73.	RANYA	618205082	OS SYNTEL
74.	RATH	618205083	S CREDIT
75.	RAVANAN	618205084	S NINJA
76.	VITHA	618205085	CE, HARMAN CONNECTED RVICES
77.	ANE MATHEW	618205086	PRO , CTS
78.	RUTHI	618205088	S NINJA,WIPRO
79.	YAM	618205089	THERLAND
80.	DHIYA	618205090	PRO
81.	ARAJ	618205091	S NINJA ,CTSGEN NEXT
82.	EHA	618205093	S NINJA, CTS GEN C
83.	WMYA	618205095	S NINJA , CTS

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84.	EENIDHI	618205096	I
85.	EE SRUTHI LATHA	618205097	S DIGITAL
86.	DEVI	618205098	JANET
87.	MADHI	618205099	ODAPT
88.	BHAA	618205100	S GEN ELEVATE
89.	RIYA NARAIYANAN	618205101	GIT pvt Lmt
90.	RYA PRAKASH	618205102	S
91.	ARAN	618205103	AR TECHNOLOGY
92.	ED YOUNUS ASLAM	618205104	S NINJA , CTS
93.	RUN VISWA	618205105	ODAPT , WIPRO , CTS
94.	ARUNDHAR	618205106	ODAPT
95.	RSHA	618205107	S NINJA,WIPRO, CTS, ADP INDIA PVT T
96.	RSHINI	618205108	PRO, CTS
97.	NU	618205109	AR TECHNOLOGY
98.	MINI	618205110	S
99.	ISH (LATERAL)	618205301	THERLAND
100.	USEKAR	618205303	THERLAND
101.	MEEM ANSARI	618205304	THERLAND
102.	VARAJ	618205305	PRO

Academic Year 2022-23

S.No	me of the Student Placed	nrollment No.	Company Placed
1.	KASH S K	0619205001	ASOFT
2.	DUL WASEEM IAAL.K.W	0619205002	OTS INTERNET TECHNOLOGIES
3.	IYA FEBA MARY A	0619205003	FLARE TECHNOLOGIES
4.	RA THAHSEEN J	0619205004	I
5.	HWARYA S	0619205005	NC ELEVATE

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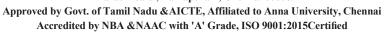Bharathi Salai, Ramapuram, Chennai 600089
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6.	SHAY RAM R B	0619205007	TELLIPAAT SOFTWARE LUTIONS PVT LTD, CITY UNION NK
7.	IRTHAA. R. S	0619205008	VATE
8.	IRTHANANTH S	0619205009	S NINJA, GEN C
9.	ANDHA ABISHEK JA R	0619205010	I
10.	DRINAATH V	0619205011	TA ELXSI
11.	UL RAJAN K	0619205012	NC
12.	WINI G.	0619205015	AN IMPECCABLE TECHNOLOGY
13.	HWIN S	0619205014	RO TECHNOLOGIES
14.	INASH C	0619205016	M
15.	ARGAVI B	0619205018	S NINJA
16.	ARGAVI R	0619205019	NC, TCS NINJA , LTI
17.	AMALA SUDHESHNA	0619205020	TA ELXSI
18.	HANDRA PRAKASH	0619205021	HO CORPORATION
19.	NI J	0619205022	CENTURE
20.	SARI SHIMMY ROY	0619205023	TER TECHNOLOGIES
21.	EPAHARSHINI C A	0619205024	I DIGITAL SOLUTION
22.	EPAK M	0619205025	JANET
23.	HIRAJ M	0619205026	TA ELXSI
24.	VIN GLADSTON A	0619205028	HNSON CONTROLS
25.	YATHRI S	0619205029	AR TECHNOLOGIES
26.	RIDHARAN P	0619205030	VVYSOFT TECHNOLOGIES PVT D
27.	KULAKRISHNAN R	0619205031	NAXIS INDIA PVT LTD
28.	RI VIGNESH K	0619205033	SYS
29.	RISH D	0619205034	NC, LTI, TCS DIGITAL
30.	RISH KUMAR G	0619205036	S NINJA
31.	S RASOOL.M	0619205037	HO CORPORATION

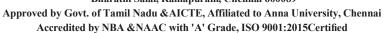# EASWARI ENGINEERING COLLEGE
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32.	AKKIYA K	0619205038	NAXIS INDIA PVT LTD, GEN C
33.	NANI B	0619205039	AR TECHNOLOGIES
34.	ANANI U	0619205040	TA ELXSI
35.	YASRI P S	0619205041	NC
36.	ILASH V	0619205043	GRAM MICRO
37.	MALAKANNAN S	0619205044	TENTVIEW ANALYTICS
38.	VINAYA N	0619205046	S NINJA, GEN C , DELOITTE
39.	RTHANA R	0619205048	TENTVIEW ANALYTICS, LTI
40.	MALA P	0619205049	AR TECHNOLOGIES
41.	ISHNA KANTH S	0619205050	ASOFT
42.	MARAN G P	0619205051	S NINJA
43.	KSMAN S	0619205052	TER TECHNOLOGIES
44.	GHAPRIYA A E S	0619205054	TENTVIEW ANALYTICS, GEN C EVATE
45.	DHUNISHA K	0619205055	NC, TCS NINJA
46.	HITHA R	0619205056	TER TECHNOLOGIES, ZOHO
47.	NIKANDA GANESH S	0619205057	NC, LTI, TCS NINAJ
48.	NUSHRI P	0619205058	NC, LTI
49.	GHA RANJHUNA T S	0619205059	Q
50.	RUNALINI S S	0619205061	ASOFT
51.	THIRESH G	0619205062	S NINJA
52.	VETHA. V	0619205067	IMLER INDIA COMMERCIAL HICLES PVT. LTD., TCS NINJA
53.	ASANNA PHANINDRAN	0619205069	NC ELEVATE
54.	ASANTH E	0619205070	HASIS
55.	AVEEN KUMAR M	0619205071	Y UNION BANK
56.	THAM GANESH S	0619205073	M
57.	YADHARSHINI T K	0619205074	TERIDGE SOFTWARE
58.	CHANA A	0619205075	RTUSA USA (INTERNATIONAL

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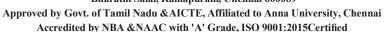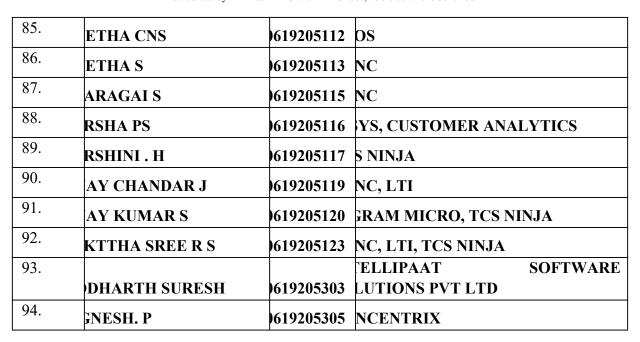Approved by Govt. of Tamil Nadu &AICTE, Affiliated to Anna University, Chennai

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			RING), GEN C
59.	HUL C	0619205077	NC ELEVATE
60.	KSHITHA J	0619205079	ERTZ INDIA PVT LTD, DATAZOIC
61.	M ESHWAR.M	0619205080	S NINJA
62.	MAA RAAI N	0619205081	SYS
63.	MYA N	0619205082	S NINJA
64.	SHIV MATHESH P K	0619205083	IT WIRELESS
65.	HITH AMROSE R	0619205085	GITAL.AI
66.	NIE A PRESENTINA	0619205086	S NINJA
67.	ATVIKA AK	0619205087	ORLDLINE
68.	NTHOSH KUMAR R	0619205090	PHA ORI
69.	RAVANAN S	0619205091	I, TCS NINJA
70.	THYA S	0619205092	GRAM MICRO, TCS NINJA
71.	ARAN DEEPAK R B	0619205093	HO CORPORATION, SINECYCLE CHNOLOGIES PVT. LTD.
72.	IVA HARINI S	0619205094	OS
73.	RINITHI SELLAM V P	0619205098	NC, TCS NINJA
74.	ARAMKUMAR.V	0619205101	I
75.	EHA N	0619205102	GRAM MICRO
76.	ORIYA KUMAR N	0619205103	NC ELEVATE
77.	EE KAYATHRI S	0619205104	SYS, TCS NINJA
78.	JA. A	0619205105	I
79.	NIVASAN D	0619205106	I, TCS NINJA
80.	VATHSAN G	0619205107	S DIGITAL, TCS NINJA
81.	BHIKSHA .R	0619205108	NC ELEVATE, TCS NINJA
82.	MITHA S	0619205109	GRAM MICRO
83.	CHARAN REDDY RAVARAPU	0619205110	I
84.	SHANTH V	0619205111	ORLDLINE

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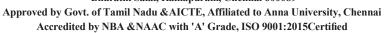Bharathi Salai, Ramapuram, Chennai 600089
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85.	ETHA CNS	0619205112	OS
86.	ETHA S	0619205113	NC
87.	ARAGAI S	0619205115	NC
88.	RSHA PS	0619205116	SYS, CUSTOMER ANALYTICS
89.	RSHINI . H	0619205117	S NINJA
90.	AY CHANDAR J	0619205119	NC, LTI
91.	AY KUMAR S	0619205120	GRAM MICRO, TCS NINJA
92.	KTTHA SREE R S	0619205123	NC, LTI, TCS NINJA
93.	DHARTH SURESH	0619205303	ELLIPAAT SOFTWARE LUTIONS PVT LTD
94.	GNESH. P	0619205305	NCENTRIX

Academic Year 2023-24

1.	SHIQKSHA AHAQMAD A	620205001	PIDER
2.	SHAYA.J	620205004	PIDER
3.	ANYA SANJEEV	620205006	GRAM MICRO
4.	BU SELVAN R	620205007	LL FORGE
5.	RATH S	620205012	S - NINJA
6.	ARANIDHARAN JAKUMAR	620205013	TA ELXSI, TCS NINJA
7.	AMINI	620205015	VERIC SYSTEMS
8.	ANEESH M	620205018	S - NINJA
9.	KUL ESWARAN PATHY	620205019	CENTURE, TCS PRIME
10.	PINATH L	620205020	S - NINJA
11.	WTHAM RN	620205021	CENTURE
12.	AIKUMARAN S	620205029	S - DIGITAL
13.	NNET D	620205032	S - NINJA
14.	OTHSNA	620205034	AI LABS
15.	MALRAJ S	620205035	PIDER
16.	VYA MISHRA	620205038	S - DIGITAL

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No.	Name	Reg No.	Company
17.	SHAV ADHITYA M	620205041	PIDER
18.	RAN VISHWAK	620205042	GRAM MICRO
19.	RUBAKARAN.S	620205043	PIDER
20.	RUBAKARAN S	620205044	LL FORGE
21.	KSHMI K	620205046	S - NINJA
22.	KESH D	620205048	AN
23.	KESHWARAN N	620205049	PIDER
24.	HADEVAN LASUBRAMANI	620205050	TA ELXSI, ACCENTURE, LTTS, S NINJA
25.	RK ANTONY SURAJ AJ	620205051	PIDER
26.	HAMMED RIYAZ A	620205053	TS
27.	NICA S	620205054	GRAM MICRO
28.	VANIT KRISH K M	620205056	GRAM MICRO
29.	VEEN KUMAR R	620205058	TA ELXSI, LTTS, TCS PRIME
30.	VEEN KUMAR TY	620205059	LL FORGE
31.	ENA B	620205060	VERIC SYSTEMS
32.	RANJEN KUMAR M M	620205061	TA ELXSI, TCS NINJA
33.	VEDHA S	620205063	LL FORGE
34.	ORNIMA B	620205065	GER ANALYTICS
35.	B PRADEEP	620205066	LL FORGE, QSPIDER
36.	AMOD	620205068	AN
37.	ANAV NIRANJAN	620205069	LLOITE
38.	RASHANTHI	620205071	PIDER
39.	JKUMAR S	620205072	GRAM MICRO
40.	SHMA K R	620205074	GER ANALYTICS
41.	BESHKUMAR A	620205077	PIDER
42.	NIKHITA	620205078	PIDER
43.	AI PRASATH	620205079	PIDER
44.	MEER AHAMED	620205082	AN TECHNOLOGIES

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45.	NTHOSH MANIKANDAN	620205086	Y PLOTS
46.	THYAKUMAR NIVASAN	620205087	VERIC SYSTEMS, LTTS
47.	ABARINATHAN	620205089	RLDLINE
48.	AHIRA BANU	620205090	GRAM MICRO
49.	ANJAI RAHUL SIKUMAR	620205091	TA ELXSI
50.	RI HARINI T	620205092	LL FORGE
51.	IVAPRIYA P S	620205093	RLDLINE
52.	ASAKTHIVEL K	620205096	NEX TECHNOLOGIES
53.	EHA A	620205097	LL FORGE
54.	EHA S	620205098	PIDER
55.	THIRUMALAIVASAN S	620205099	PIDER
56.	VATSAN S	620205100	TA ELXSI, LTTS
57.	BASHINI SAMPATH MPATH	620205102	CENTURE
58.	BHA VARSHA RUPPANNAN	620205103	CENTURE
59.	RYA PRAKASH K	620205105	PIDER, DELLOITE
60.	RYA S	620205106	VERIC SYSTEMS
61.	JASWINI M M	620205110	TA ELXSI, LTTS, TCS NINJA
62.	HARUN RAJ	620205111	PIDER
63.	IYAGARAJAN RAMESH	620205112	TS
64.	DYA ANNAPOORNA	620205117	NAXIS
65.	GNESH H	620205118	PIDER
66.	GNESH U	620205119	LL FORGE
67.	HAL NIVASARAGHAVAN	620205120	VERIC SYSTEMS, LTTS, TCS NJA
68.	HWAVARMAN JAMANI	620205122	TS
69.	ROME NIRMAL J	620205302	PIDER, RINEX TECHNOLOGY

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70.	SWEETHA	620205307	NEX TECHNOLOGIES

Department of Robotics and Automation Engineering
Yet to update

Department of Chemistry

Consultancy work in chemistry department

S. No	Department	Nature of the work done	Name of the coordinator	Details of the company	Amount in (Lakhs)	year
1	Chemistry	Synthesis of novel extracts	Dr. N.S. Karthikeyan. Dr. C. Ravichandran. Dr. B. Venkatachalapathy	AERB	138000	2019-20
2	CHEMISTRY	SYNTHESIS & CHARACTERISATION OF PHAMACEUTICALLY ACTIVE INTERMEDIATES	Dr. N.S. KARTHIKEYAN Dr. C. RAVICHANDRAN	PANVO ORGANIC PRIVATE LIMITED	2.18	2021-22
3	CHEMISTRY	Synthesis & characterization of pharmaceutically active intermediates	Dr. N.S. KARTHIKEYAN Dr. C. RAVICHANDRAN Dr. B.SHANTHI	SYNTHETIC SPIDERS PRIVATE	10.15	2022-23

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D

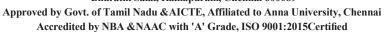## MOU Activities Conducted during 2020-2024

Sl.No.	Name of the Organization with MOU signed	Date of MOU	Activities conducted through MOU signed Organization	Date of Activity	Outcome of the MOU Activities
1	M /s Pure Chemicals Co	Feb 2024	Sample Analysis	Till date	Research and Consultancy
2	M/ s N S Enviro Pvt., Ltd.,	July 2023	Consultancy work	Till date	Research and Consultancy
3	M/ s Econo Pvt., Ltd.,	Dec 2023	Consultancy work	Till date	Research and Consultancy
4	M /s Pristine Enviro Pvt., Ltd.,	Dec 2023	Consultancy work	Till date	Research and Consultancy
5	M/ s Synthetic Spider Pvt., Ltd.,	Dec 2022	Consultancy work	Till date	Research and Consultancy
6	M/ s Panvo Organics Pvt., Ltd.,	Jan 2020	Sample Analysis	Till date	Research and Consultancy

Department of Mathematics:

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Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/ CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24									-
2022-23	1						1		
2021-22	3								
2020-21	1	1							
2019-20		1							

Academic Year - 2022-2023
CONSULTANCY:

S.NO	Name of the Organization with MOU signed	Date of MOU	Activities Conducted through MOU signed	Date of Activity	Outcome of MOU Activities
1	ENSYCON ENVIORNMENTAL,CHENNAI	SEP 2022	Prototype Development for Stalek liquid Mixture	SEP 2022-NOV 2022	Research and Consultancy

GUEST LECTURE:

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Mathematics for Artificial Intelligence	Dr.R.Samapth Lonka,SRI SATHYA SAI INSTITUTE OF HIGHER EDUCATION, BENGALURU	06.07.2022	Gained Knowledge how Mathematics used in Artificial

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				Intelligence

Academic Year - 2021-2022

GUEST LECTURE:

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Overview of Multiple Choice Question in Engineering Mathematics-II	Dr.S.Muthukumar	17.07.21	Students learned techniques to solve multiple choice Questions
2.	Applications of Complex Integration	Dr.M.P.Jayaraman, L.N,Government Arts College	13.7.21	Gained Knowledge to solve Complex Integration Problems
3.	Mathematics for Computer Engineers	Dr.S.Muthukumar,T.S.Pradeepkumar ,Sivanntham Sampath	22.10.21-23.10.21	Importance of Mathematics in Computer Science

Academic Year - 2020-2021

WORKSHOP:

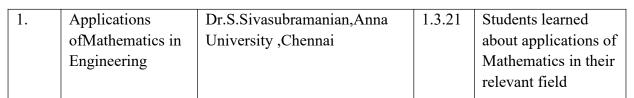| S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Setting up of Virtual Classroom	Ms.Gaussia Siddiq,Independent Master Training in Learning and Development	25.6.2020	learned about the Impact of Virtual Classroom

GUEST LECTURE:

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME

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1.	Applications ofMathematics in Engineering	Dr.S.Sivasubramanian,Anna University ,Chennai	1.3.21	Students learned about applications of Mathematics in their relevant field

Academic Year - 2019-2020
WORKSHOP:

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Workshop on Algebra and Number Theory	Dr.L.Jones Tarcius Doss Anna university Dr.A.SenthilThilka, NIT,Karnataka Dr.J.Baskar Babujee, MIT,Chennai	20.6.19 to 22.06.19	Gained deep Knowledge about Algebra and Number theory

Department of Management studies

Activity Academic Year	Guest Lectures/ Core Teaching	Workshops	Value Added Courses/CDC	Conferences	Industrial Visits	Internships	Industry supported Laboratories	Industry Supported Courses	Centre of Excellence
2023-24	4	1	2		2	120		2	-
2022-23	4	1	4	1	2	119			
2021-22	3	1	3	1	2	120			
2020-21	3	1	2	1	2	117			
2019-20	3	1	2	1	2	118			

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Academic Year - 2023-2024

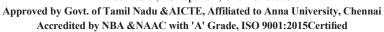| S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Expert Talk on Data Analytics	Ms.Sheetal Soni,	22/11/23	Gained knowledge about data analytics, implementation process of data analytics in organization.
2.	Expert Talk on Business Analytics	Ms.Likitha.K,	24/11/23	Students gained knowledge about business analytics and its uses for 1st year MBA students.
3.	Expert Talk on Job Challenges for Finance Professionals	Mr.B.Ramakrishnan,	24/11/23	Expert member shared his knowledge in finance, specializes in raising debts, equity merger & acquisition, turn around strategies, transactional financing etc. for 2nd year MBA students.
4	Live project orientation	Mr.K.A. Kamalesh Kumar	09/10/23	Guest shared his knowledge about the Live project work , selected students for internship
5	Industry Institute Interaction Day	Mr.Jerome Johnson	22/06/23	shared the presentation on opportunity available to students in logistics and health sector.

Academic Year - 2022-2023

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Expert Talk on Unique Entrepreneurship idea & success	Mr.Shriram	15/2/23	Motivated the students for choosing the entrepreneurship as a career.

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	stories			
2.	Guest lecture on Management strategy of global corporate leader	Mr.M.Manoharan	10/5/2023	Shared knowledge about corporate leaders of different organization.
3.	Guest lecture on Importance of Branding and Digital Marketing	Mr. Nithin.K	27/5/23	Guest briefed the impact of online ads in Facebook, Instagram and YouTube as example
4	Industry connect training on stock market in association with NISM	Mr.A.K. Narayan	23/1/23 – 27/1/23	the various concepts related to investment & financial markets along with technical terms.
5	Webinar on Investments and Benefits of Insurance	Mr. P.Paul Pradeep	10/2/23	the importance of investments and the benefits related to investments.also explained the different causes of risk and risk management procedures

Academic Year - 2021-2022

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Webinar on CSR activity & Internship opportunities	Mr.Hafiz Khan,	8/4/2021	The eco-green environment followed with different types of projects/Internships offered through COMMUNITREE and the campaign scope for the students explored in detail.

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2.	Industry Institute Interaction Day	Dr. R. Madhu Sudhanan	10/4/2021	To explore Placement opportunities to our MBA students, To get training from industry experts by participating in their programs
3.	Webinar on Entrepreneurship Awareness	Mr.Rajkapoor and Mrs. Habshipa	16/4/21	Students Gained knowledge about EDII and CED.

Academic Year – 2020 -2021

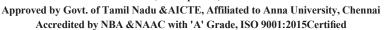| S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Webinar on Campus to Corporate	Mr.Prasanth Rajan	19/12/2020	Shared knowledge about the expectations of the corporate in their hiring process.
2.	Awareness on financial Market	Mr.Himanshu Srivatsava,	27/04/20	Investors awareness week celebrated by NSE.
3.	Webinar on Career guidance in BFSI	Mr. Murali Krishnan,	10/7/21	The importance of finance and jobs available in Banking domain.
4.	Webinar on Campus to Corporate- II	Mr.A.Sivaguru, senior product compliance associate - Amazon	9/1/21	Shared the knowledge how students can connect with industry example Amazon

Academic Year – 2019 -2020

S.NO	TOPIC	RESOURCE PERSON	DATE	OUTCOME
1.	Guest talk on marketing internship at biologic technologies	Dr.Rajesh Kumar	25/9/19	Explained the advantages of choosing the Marketing profile and scope of its growth.

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2.	Workshop on Stock Training-Eqsis	Mr.Valarmurugan	12/9/19	Fundamentals of Stock trading, the computers the stock market's performance
3.	Guest lecture on Sales skill	Mr.Arokkia Raj	18/7/19	the sales skills a contest named "Saleathon" is being organized exclusively for the MBA student of Easwari Engineering college.
4	Guest lecture on "Personal Financial Planning"	Dr.B.Gopinath	21/8/19	The basic fundamentals on the finance concepts and finally the important key financial elements was discussed with students

6. **Problems Encountered and Resources Required**

Several challenges can arise during industry-institution interaction:

- Communication barriers: Differences in language, culture, and priorities between academia and industry can hinder effective communication and collaboration.

- Intellectual property concerns: Conflicting interests regarding ownership and rights to research findings, patents, and innovations may arise.

- Funding limitations: Insufficient funding or disparities in financial resources between academia and industry partners can impede collaborative projects.

- Time constraints: Differing timelines, deadlines, and expectations between academia and industry may pose challenges in project management and coordination.

- Institutional bureaucracy: Administrative hurdles, approval processes, and institutional policies can slow down collaboration efforts.

To overcome these challenges, resources required include:

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- Dedicated liaison officers: Personnel responsible for facilitating communication, negotiation, and coordination between academia and industry.

- Funding opportunities: Grants, sponsorships, and funding schemes to support collaborative research projects and initiatives.

- Legal and IP expertise: Legal advisors and experts in intellectual property rights to navigate complex legal agreements and negotiations.

- Training and capacity building: Workshops, seminars, and training programs to enhance skills in communication, project management, and conflict resolution.

- Infrastructure and facilities: Access to research laboratories, testing facilities, and technology platforms to support collaborative research and development efforts.

7. **Notes (Optional)**