



The Department of Computer Science and Engineering (CSE) was established since inception from the year 2001 with the aim of providing inclusive technical education to students from all over India thereby creating responsible citizens who would contribute to the betterment of their families, Society and Nation. Computer Science serves as the foundation for various technological advancements that the world sees today. The field has grown by leaps and bounds. It finds a place in many interdisciplinary fields as well. With these, there also comes a necessity to keep up to the global demand of finding highly skilled engineers and scientists.

Generative AI

Generative AI can help bridge many gaps in a country like India that has vast cultural and social differences and barriers of inequality. It can be beneficial to various sets of stakeholders in the education system, be it students, teachers, or parents. Here are some potential ways in which generative AI can be used:

1. Parents can leverage virtual assistants to figure out activities they can do with their child to help enhance their reading and comprehension skills. For example, parents can narrate stories generated by the AI to the child or get the child to read aloud a story. This can be especially useful for parents who aren't literate but want to be involved in their child's education.
2. Generative AI can help teachers follow the prescribed guidelines for teaching in an efficient way without spending hours going through multiple reading materials. A virtual assistant built on generative AI can assist a teacher in planning unique and engaging classroom activities by referring to a selection of carefully chosen documents and expert insights and suggesting methods that may work in a class setting.
3. This technology can adapt to the unique needs of a child and so, under the assistance of a caring adult (teacher, parent, or community member), it can be extremely helpful in early childhood education where learning pace and approaches vary from one child to another. It can be useful in developing foundational literacy and numeracy and teaching basic language skills.



“Table Tennis Tournament (2023)”



Our college student Ms.K.Abirami IV-CSE got second prize in district level tournament which was held at AVC college of Engineering of Engineering and Technology,Mayiladuthurai.



“IAM PROJECT PRESENTATION”



Our final year students R. Surya, S. Siva Sankaran have participated in the IAM Project Presentation Competition where they presented a “Women Safety Mobile App” which got them the Runner Up from the Top-50 projects from Tamil Nadu.

“Industrial Visit (IV Yrs.) 2023” C-DAC-Thiruvananthapuram”



The visit to C-DAC in Thiruvananthapuram was enlightening for our final-year Computer Science Engineering students. We gained insights into the company's impressive projects and cutting-edge technologies, witnessing a dynamic work environment. Interacting with C-DAC employees provided valuable insights into their roles and the challenges they face. Learning about innovative projects has fueled our enthusiasm for pursuing careers in the software industry.

“Life Skill Development (Yoga)”



The Department of Computer Science and Engineering organized a Life Skill development on Yoga Program on 15.09.2023, coordinated by Mr. G. Sivakumar, Assistant Professor/CSE. The program introduced students to various yoga techniques, including physical postures, breath control, meditation, and ethical principles. With 40 participants, the aim was to promote fitness and yoga awareness among students, leaving a positive impact on their well-being.

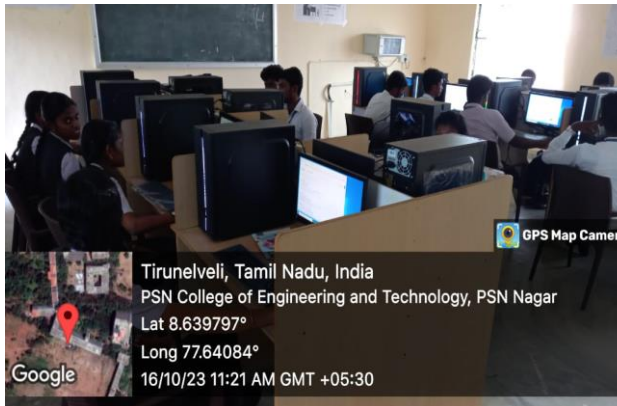
Participation in Events (Staff)/FDP/Conference

S.No	Staff Name	Name of the Events	No. of Days
1	Mr.D.Joseph Pushparaj	International virtual FDP(Recent Trends on Research Methodologies, Tools and Techniques)	6
2	Mr.D.Joseph Pushparaj	Seminar (Cyber Security)	1
3	Mrs.Yamuna Bee	International virtual FDP(Recent Trends on Research Methodologies, Tools and Techniques)	6
4	Mrs.Yamuna Bee	FDP(Blockchain Technology)	5
5	Mrs.P.Kanagalakshmi	FDP(Blockchain Technology)	5
6	Mrs.P.Kanagalakshmi	Seminar (Cyber Security)	1
7	Mrs.P.Kanagalakshmi	FDP(Integrating Autodesk Fusion-360 in Engineering Subjects)	5
8	Mrs.H.Jeyalakshmi	FDP(Integrating Autodesk Fusion-360 in Engineering Subjects)	5
9	Mrs.H.Jeyalakshmi	FDP(Blockchain Technology)	5
10	Mrs.H.Jeyalakshmi	Seminar (Cyber Security)	1
11	Mr.G.Sivakumar	FDP(Blockchain Technology)	5
12	Mr.G.Sivakumar	International virtual FDP(Recent Trends on Research Methodologies, Tools and Techniques)	6
13	Ms.I.Swetha	FDP(Integrating Autodesk Fusion-360 in Engineering Subjects)	5
14	Ms.I.Swetha	Webinar(Behavior Based Safety)	1
15	Ms.G.Booma	Webinar(Behavior Based Safety)	1
16	Mrs.A.Enitha	FDP(Blockchain Technology)	5

Placed Students

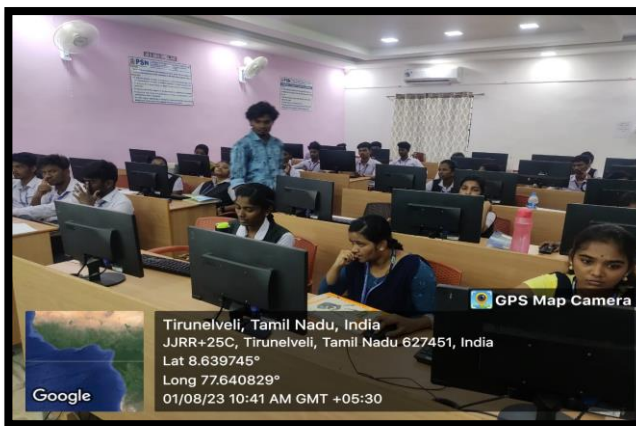
S.No	Name Of Student	Program Graduated From(Department)	Name Of The Employer With Contact Details(Company Name)	Pay Package At Appointment
1	AASHIKA S M	Computer Science and Engineering	ALO Group of Tech Pvt Ltd, Nagercoil	2LPA
2	ARUN S	Computer Science and Engineering	Sanmina SCI India Pvt Ltd,Chennai, Chennai	1.6LPA
3	DHARMADURAI N	Computer Science and Engineering	Sanmina SCI India Pvt Ltd,Chennai, Chennai	1.6LPA
4	DIVYA R	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
5	GURUDHARSHINI T	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
6	JAYARAM K	Computer Science and Engineering	Amazon India Pvt Ltd, Coimbatore	1.2LPA
7	JOTHISHWARI V	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
8	KARTHIK RAJA S	Computer Science and Engineering	ALO Infotech,Chennai	2LPA
9	MATHESH KANNA K	Computer Science and Engineering	TMEPS Pvt Ltd, Chennai	1.6LPA
10	REVATHI RAJA M	Computer Science and Engineering	L K Associates, Chennai	1.2LPA
11	KAVERI THANGAM A	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
12	KAVITHA S	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
13	KEMBADEVI M	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
14	LAKSHMIPRIYA C	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
15	LAVANYA M	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
16	MARIAMMAL M	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
17	MARIS SEENIVAS S	Computer Science and Engineering	Hard and Soft Technologies,Tenkasi	1.2LPA
18	MARISAMY V	Computer Science and Engineering	Tata Consultancy Services, Chennai	2LPA
19	MARISELVI A	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA
20	MATHESH KANNA K	Computer Science and Engineering	TMEPS Pvt Ltd, Chennai	1.6LPA
21	NAGA JOTHI M	Computer Science and Engineering	Foxconn Tech Pvt Ltd, Chennai	1.92LPA

Value Added Course React JS



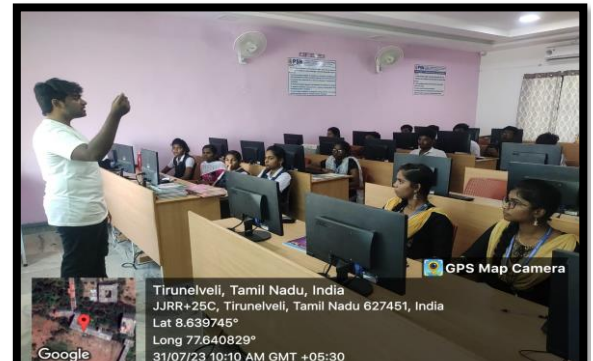
During the workshop, participants will learn the fundamentals of React JS and its core concepts, explore how to build modern, single-page web applications efficiently, gain practical experience through interactive coding sessions and real-world projects, and receive guidance and insights from experienced instructors in the field.

Value Added Course IoT



During the workshop, participants delved into the fundamentals of IoT, exploring how interconnected devices are revolutionizing various industries. They gained hands-on experience with Arduino, a popular open-source hardware and software platform, and learned how to develop IoT solutions using this versatile platform.

Value Added Course Cyber Security



The workshop also covered essential cybersecurity concepts, including encryption, authentication, and access control. Participants learned how these concepts are applied to safeguard sensitive information and maintain the integrity and confidentiality of data.

Value Added Course C Programming



They covered Turbo C Installation, Task Solving, and Doubt Clearing on C language. Participants delved into practical exercises, utilizing files, arrays, functions, and pointers to address intricate programming challenges.



Computer Science and Engg
Department Accredited by NBA on
October 2023

“Free Awareness Loan scheme” Campaign for Small industries”



The department organized an extension activity, "Free Awareness Loan Scheme Campaign for Small Industries," under the Unnat Bharat Abhiyan scheme at Thediyoor Panchayat on 25.08.23 at 11:00 AM. Thiru. S. Ganesan, General Manager of the District Industrial Center, Tirunelveli, briefed the village public on various government loan schemes for small industries. The event was graced by Chief Guests, who were honored with shawls and mementos. Dr. M. Vargheese, along with faculty members and students, also participated. Coordination was handled by Mrs. B. Vasanthi Balasubramanian and Mrs. G. Lakshmi Ganesan, President and Vice-President of Thediyoor village panchayat,



“Alumini Interaction (How to Develop their Skills)”

An Alumni Interaction was organized by the Department of Computer Science and Engineering on 13.09.2023. Mr. G. Sivakumar, Assistant Professor/CSE was the event coordinator. However, 70 students participated and benefitted. The objective of the interaction was to offer practical support to students as they start their career. Students were impressed by the way their senior interaction.



Journal Publication (AY 2023 – 2024)

S.N O	FACULTY NAME	JOURNAL COUNT
1	Dr. M. Vargheese	10
2	Dr. Sudhakar Sengan	51
3	Dr.G.Nallasivan	08
4	Dr. S. Radhakrishnan	02
5	Mr.C.Rajesh Kumar	07
6	J.Yamuna Bee	06
7	P.Kanagalakshmi	05
8	Mr. Joseph Pushparaj	03
9	Ms.Booma	01
10	Mr.Siva	01
11	Mr.Sivakumar	01
	Total Count	95



Institute Vision

To emerge as a pioneer institute inculcating engineering education, skills, research, values and ethics.

Department Vision

To emerge as a pre-eminence program to produce quality Computer Science and Engineering graduates

Institute Mission

To achieve greater heights of excellence in technical knowledge and skill development through innovative teaching and learning practices.

To develop the state of art infrastructure to meet the demands of technological revolution. To improve and foster research in all dimensions for betterment of society.

To develop individual competencies to enhance employability and entrepreneurship among students.

To instil higher standards of discipline among students, inculcating ethical and moral values for societal harmony and peace.

Department Mission

To enhance professional and entrepreneurial skills through industry institute interaction to enable them in getting better placement

To promote research and continuing education

To train the students according to their discipline to meet dynamic needs of the society

S.No	Topic	PEOs(Program Educational Objectives)
PEO1	<i>Fundamental Knowledge</i>	Graduates will be able to perform in technical and managerial roles ranging from design, development and problem solving to suit to the industrial needs
PEO2	Career Development	Graduates will be able to successfully pursue higher education and also Graduates will have the ability to adapt, contribute and innovate new technologies in different domains of computer science & Engineering
PEO3	Social Identity	Graduates will be ethically and socially responsible engineers in computer science & Engineering disciplines
PSO Number	Program Specific Outcomes	
PSO 1	Proficient and Innovative with a strong cognizance in the IOT, through the application of acquired knowledge and skills.	
PSO 2	Design and Implement IOT based solutions for improving operational efficiency by investigating existing industrial environment.	

PROGRAM OUTCOME'S

PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
Engineering Knowledge	Problem Analysis:	Design / Development of Solutions	Conduct Investigations of Complex Problems	Modern Tool usage	The Engineer and Society	Environment and Sustainability	Ethics	Individual and Team Work	Communication	Project Management and Finance	Life-long Learning

“ The computer was born to solve problems that did not exist before.”- Bill Gates

PSNCET, MELATHEDIYUR, TVL

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT OBJECTIVES

Our Objectives:

- To impart quality education to students.
- To create and disseminate knowledge for the betterment of mankind.
- To establish a centre of excellence in collaboration with industries, research laboratories and other agencies to meet the changing needs of society.
- To provide individual attention and enable character building.
- To encourage entrepreneurship skills among students.

In 2010, the Department has been recognized as a Centre for Research, by Anna University to offer Ph.D. programme. The Department has the state-of-the-art facilities for various laboratories, a well-equipped seminar hall, Wi-Fi enabled class rooms to support e-Learning, and a department library.



Issue Editor's

STAFF:

- G.SIVAKUMAR AP/CSE

STUDENT MEMBERS:

1. IV- CSE - Abirami K (2003001)
2. III- CSE - Deepak pious M (95222103013)
3. II – CSE – Santhosh Muthuraj (95222203071)