A+ NAAC (ACCREDITED WITH GRADE)

The Department of Computer Science and Engineering (CSE) was established in the year 2001. Since inception, it functions with the aim of providing inclusive technical education to students from across India, thereby producing responsible citizens, who would contribute to the betterment of their families, Society and the 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.

Chief Patron
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Mr. D. Joseph Pushparaj, Asst. Prof / CSE, PSNCET

Low-code and no-code platforms have gained popularity for their ability to enable users, including those with minimal technical skills, to develop applications quickly and efficiently. Here are the key features of these platforms:

1. Visual Development Tools:
o Drag-and-Drop Interface: Allows users to build applications by dragging and dropping components.
o Model-Driven Logic: Users can design business logic and workflows through visual models rather than writing code.

2. Pre-Built Templates and Components:
o UI Components: Ready-made components like forms, buttons, and data grids.
o Pre-Built Templates: Application templates for common use cases to accelerate development.

3. Integration Capabilities:
o API Integration: Built-in tools for integrating with various third-party services and APIs.
o Database Connectivity: Easy connection to databases and data services for CRUD operations.

4. Automation and Workflow:
o Process Automation: Tools for automating business processes and workflows.
o Event-Driven Logic: Triggers and events that automate responses to user actions or system changes.

5. Customization and Extensibility:
o Custom Code: Ability to add custom code, where necessary for more complex functionality.
o Plugins and Extensions: Support for third-party plugins and extensions to enhance capabilities.

6. Deployment and Scalability:
o One-Click Deployment: Simplified deployment processes to various environments (development, testing, production).
o Scalability: Built-in mechanisms to ensure applications can scale with increased demand.

7. Security and Compliance:
o Built-In Security Features: Authentication, authorization, and data encryption.
o Compliance Tools: Features to help ensure compliance with regulations like GDPR and HIPAA.

8. Collaboration Tools:
o Version Control: Tools for managing versions and changes to applications.
o Team Collaboration: Features that support collaborative development, including role-based access control.

Students Achievements

S. Vishnu Priya of Iv CSE has presented her Idea on "IOT based battery monitoring system" and was selected in the MSME idea hackathon 3.0 for women.

Our students participated and won Overall Championship in a Technical feast organized by Einstein College of Engineering, Tirunelveli, Tamilnadu.

12 of our students sucessfully completed NPTEL online course in various domains and got certificates.

Value Added Courses

Our department organized 5 days (16-10-23 to 21-10-23) hands on training program on "REACT-JS". Mr.Manoj, Senior Developer, Digisailor, Tamilnadu was the Resource person.

Our department organized 5 days (03-04-2024 to 09-04-2024) hands on training program on "HTML and CSS". Mrs. J. Yamuna Bee, AP/CSE was the Resource person.

Our department organized 5 days (25- 09-23 to 29-09-23) training program on "Database Connectivity Using Python and Java ". Mrs. J. Yamuna Bee, AP/CSE and Mrs. A. Enitha, AP/CSE was the Resource persons.

Industrial Visit [II Yrs]

HR Ms.W.Geethu, AK Infopark Private Limited, Nagercoil, explained the procedures involved in the industry and delivered a lecture on Carrier Opportunities and Skills needed to get job in MNCs.

Industrial Visit [III Yrs]

Scientist Dr. Hiron Bose (Section Head – STDC) addressing students on the Recent Technologies involved in the areas of Research & Development in C-DAC, Thiruvananthapuram, Kerala

Extension Activity

Voters Awareness Program was organized by the Department of Computer Science and Engineering on 13.04.2024 at Melathediyoor Village

Web Page Designing Contest

Computer Society of India (CSI) students' chapter organized a Web Home Page Designing Contest on Wednesday (6.12.2023). Totally Eighteen Students from various departments eagerly participated and showed their talent in web page design.

Power Seminar

Power Seminar Program on "Campus to Corporate" was organized in association with ICT Academy on 23.12.2023. Mr.Sasikumar Thangamuthu, Chief People Officer, Grootan Technologies delivered lecture.

Hands on training

Computer Society of India (CSI) students' chapter organized a Technical Hands on Training / Workshop in Resent Trends in Machine Learning Using Python on 16.2.2024. Dr. M. Caroline Viola Stella Mary, Prof / F.X.Engineering College, Tirunelveli shared her knowledge

Faculty Development Program

Faculty Development Programme on "Recent Trends in Artificial Intelligence" from 20.05.2024 to 24.05.2024. 141 faculty members have participated, benefited and received their participant Certificates.

SITACS-2k24 - Symposium

National level technical Symposium (SITACS-2k24 - Symposium on Innovative Technical Aspect of Computer Science was organized on 09-02-24. Er.Justin Jacob Arunothayam, Manager HR-Talent Acquisition Indium Software Solution(TVL) Pvt. Ltd. Chennai was the Chief Guest

Staff Publications

Dr. Sudhakar Sengan, Professor, published 20 papers in reputed International Journals.
Dr. M. Vargheese, Professor, published 5 papers in International Journals.
Mrs. J. Yamuna Bee, AP, published one book Chapter.
Mr. D. Joseph Pushparaj and Mr. N. Ponnithish published each one paper in International Journals.

Staff Achievements

Dr. M. Vargheese, Mrs. J. Yamuna Bee and Mrs. A. Enitha have received Appreciation from IIT Bombay for spreading awareness and holding Individual Learning workshop(ILW).

Eight faculty members have sucessfully completed NPTEL Course in various domains and got certificate.

"Computers are good at following instructions, but not at reading your mind." —Donald Knuth, the "father of analysis of algorithms"

Placement details

1. Srigayathri Priya K, placed in Sutherland Global Services Private Limited, Chennai.

2. Abirami K, placed in Talrop technologies, Cochin

3. Siva Sankaran S, placed in Talrop technologies, Cochin

4. Surya Prakash A, placed in Talrop technologies, Cochin

5. Doss Antony Santhosh A, Infant Oswin P and Ganeshan M are placed Digisailor, Tirunelveli

6. Twenty Four students placed in Kyungshin Industrial Motherson Ltd (KIML), Chennai

7. Thirteen students placed in Foxconn Technology India Pvt Ltd., Chennai

Our Recruiters

Editorial Board

Mr. G. Sivakumar, Asst. Prof. / CSE

Ms. K. Abirami,
7th Semester B.E - Computer Science and Engineering Student
Mr. M. Deepak pious,
5th Semester B.E - Computer Science and Engineering Student
Mr. Santhosh Muthuraj,
3rd Semester B.E - Computer Science and Engineering Student

Institute Vision

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

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 Vision

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

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

Program Educational Objectives

PEO1:Fundamental Knowledge Graduates will be able to perform in technical and managerial rolesranging 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 alsoGraduates 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

Program Specific Outcomes

PSO 1: The computer science and Engineering graduates are able to analyze, design, develop, test and apply Management strategy, Mathematical concept in the development of computational solutions, make them expert in computer software and hardware.
PSO 2: Proficient and Innovative with a strong cognizance in the IOT, through the application of acquired knowledge and skills.

Program Outcomes

PO1-Engineering Knowledge, PO2-Problem Analysis, PO3-Design / Development of Solutions, PO4-Conduct Investigations of Complex Problems, PO5-Modern Tool usage, PO-6-The Engineer and Society PO7-Environment and Sustainability PO8-Ethics PO9-Individual and Team WorkPO10-Communication PO11-Project Management and Finance PO12-Life-long Learning.

For any suggestions, please contact:

hodcse@psncet.ac.in