CTRENZ

2021 - 2022

E.G.S.PILLAY ENGINEERING COLLEGE
NAGAPATTINAM

Department of Computer Science & Engineering

INDEX

MESSAGE

Chev.S.Paramesvaran

I deem it a great pleasure and privilege to congratulate the faculty members as they bring out their news letter. This news letter represents the newest channel to showing out the talents of our students.

We hope that this news letter will become the ultimate focus for your partcipation as we seek to strengthen and enhance our collaboration of knowledge.

Dr.S.Ramabalan

My Heartfelt congratulations for this new release of news letter. A milestone achievement indeed! There is no doubt in my mind that it will serve as a beacon to the future generations.I wish you success in all your endeavours.

Dr.M.Chinnadurai

I congratulate the members for releasing their news letter. This news letter is started with view to broadcast the various events for the student intelligence. Individually and collectively, this news letter is a measure of our success and foundation of our future.I wish you all the very best.

Department of Computer Science and Engineering

Vision of the Department

To produce globally competent computer professionals capable of adapting to the everchanging technological trends of Industry and Society

Mission of the Department

- To build the core competence desirable for a computer professional such as design,development, testing and maintenance of software systems to work on real world projects,and meet─the expected standards of Industries

- To train the students to acquire higher order skills of emerging technologies to make them preferable for employers

- To provide state-of-the-art learning facilities for effective implementation of learnercentric teaching–learning process to develop professional skills, self-learning and lifelonglearning capabilities

State the Program Educational Objectives (PEOs)

The programme Educational Objectives are

- To develop strong knowledge and skills in the domain of Computer Science and Engineering for leading a successful career in industries or entrepreneurial endeavours.

- To prepare and assist the graduates to be successful in higher education and research activities in the theory and application of computing related engineering fields.

- To train the graduates to learn and adapt to the ever-changing world of technology.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

After the successful completion, the graduates will have

PSO 1. The ability to apply software engineering principles and practices to design and develop software systems that meet the automation needs of industrial and societal problems.

PSO 2. The ability to apply their technical skills and knowledge gained in the fields such as Artificial Intelligence, Data Science, Cloud Computing, Social Network Analysis and Mobile Application development.

Graduates will be able to

PO1: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.
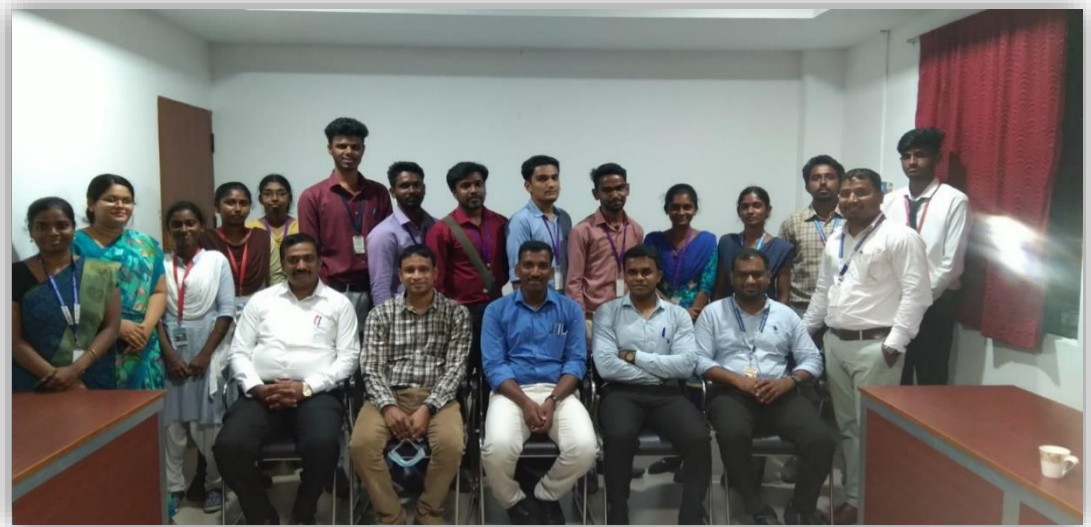
STUDENT CORNER

SNO	NAME	CLASS	NAME OF THE INSTITUTION	COURSE TITLE	DURATION	PRIZE/ PARTICIPATION
1	SHAFEEQ S	III CSE	E G SPILLAY ENGG COLLEGE	ONE DAY WORKSHOP ON JAVA	04.06.2021	PARTICIPATION
2	KUBERAN R	III CSE	E G SPILLAY ENGG COLLEGE	ONE DAY WORKSHOP ON JAVA	04.06.2021	PARTICIPATION
3	SANTHIYA L	IV CSE	E G SPILLAY ENGG COLLEGE	ONLINE WEBINAR	30.06.2021	PARTICIPATION
4	SANTHIYA L	IV CSE	E G SPILLAY ENGG COLLEGE	WEBINAR ON PHP AND MYSQL	09.06.2021	PARTICIPATION
5	SANTHIYA L	IV CSE	E G SPILLAY ENGG COLLEGE	ONLINE WEBINAR	09.06.2021	PARTICIPATION
6	MUTHULAKSHMI M	IV CSE	E G SPILLAY ENGG COLLEGE	ONLINE WEBINAR	09.06.2021	PARTICIPATION
7	MUTHULAKSHMI M	IV CSE	E G SPILLAY ENGG COLLEGE	PYTHON PROGRAMMING	15.06.2021	PARTICIPATION
8	VIJAYAKUMAR P	IV CSE	E G SPILLAY ENGG COLLEGE	ONLINE WEBINAR	07.06.2021	PARTICIPATION
9	HASSIMASLAM S	IV CSE	E-BOX ONLINE	DATA STRUCTURES AND ALGORITHM- PLACEMENT PACK	JULY 2021	PARTICIPATION
10	KUMARAN R	IV CSE	E-BOX ONLINE	DATA STRUCTURES AND ALGORITHM- PLACEMENT PACK	JULY 2021	PARTICIPATION
11	MATHANRAJ C	IV CSE	E-BOX ONLINE	DATA STRUCTURES AND ALGORITHM- PLACEMENT PACK	JULY 2021	PARTICIPATION
12	ARUNESH D	IV CSE	ONLINE COURSE	CYBER SECURITY	30.06.2021	PARTICIPATION
13		IV CSE	ONLINE COURSE	CYBER SECURITY	30.06.2021	PARTICIPATION
14	SANTHIYA L	IV CSE	ONLINE COURSE	WORKSHOP ON "CHALO APPS BANAI"	02.07.2021	PARTICIPATION
15	SANTHIYA L	IV CSE	JIS COLLEGE OF ENGINEERING	WORKSHOP ON PYTHON PROGRAMMING	15.06.2021	PARTICIPATION

16	SANTHIYA L	IV CSE	E G SPILLAY ENGG COLLEGE	ONLINE WEBINAR	08.06.2021	PARTICIPATION
17	SANTHIYA L	IV CSE	E G SPILLAY ENGG COLLEGE	ONLINE WEBINAR	10.06.2021	PARTICIPATION
18	KUBERAN R	III CSE	EGS PILLAY ENGINEERING COLLEGE	INTERSHIP PROGRAM-JAVA	03.05.2021 TO 03.06.2021	PARTICIPATION
19	NOORMOHAMED M	IV CSE	INTERNSPOOL WITH VERZEO	INTERSHIP PROGRAM	01.05.2021 TO 30.06.2021	PARTICIPATION
20	SANJAY BHARATHI T	IV CSE	JIS COLLEGE OF ENGINEERING	PYTHON PROGRAMMING	15.06.2021	PARTICIPATION
21	SANJAY BHARATHI T	IV CSE	PERFECT PLAN B LEARNING PRIVATE LIMITED	GOOGLE COLAB MACHINE LEARNING APP	25.06.2021	PARTICIPATION
22	SANJAY BHARATHI T	IV CSE	GREAT LEARNING ACADEMY	PYTHON FUNDAMENTALS FOR BEGINNERS	02.09.2021	PARTICIPATION
23	AAKASH P	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION USING C	09.09.2021	PARTICIPATION
24	ABINASH P	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION USING C	09.09.2021	PARTICIPATION
25	ABISHEK SINGH G	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION USING C	09.09.2021	PARTICIPATION
26	ADHITHYA M	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION USING C	09.09.2021	PARTICIPATION
27	AFZAL MUSHARRAF M S	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION USING C	09.09.2021	PARTICIPATION
28	AISHWARYA U	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION USING C	09.09.2021	PARTICIPATION
29	SOWMIYA R	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION	09.09.2021	PARTICIPATION

31	KALAISELVAN R	II CSE	E G SPILLAY ENGG COLLEGE	SEMINAR ON DATA STRUCTURES APPLICATION USING C	09.09.2021	PARTICIPATION
32	KOWTHAM PRM	III CSE	BISHOP HIBER COLLEGE	PHOTOGRAPHY AND QUIZ COMPETITION	19.08.2021	PARTICIPATION
33	SUBASRI V	CSE	E G SPILLAY ENGG COLLEGE	BUSINESS LEADERSHIP ACADEMY	12.06.2021 TO 20.06.2021	PARTICIPATION
34	KALAISELVAN R	II CSE	E G SPILLAY ENGG COLLEGE	WORKSHOP ON NETWORK ADMINISTRATION FROM SMALL SCALE TO LARGE SCALE	29.08.2021	PARTICIPATION
35	MIKESH KANNA S	II CSE	E G SPILLAY ENGG COLLEGE	WORKSHOP ON NETWORK ADMINISTRATION FROM SMALL SCALE TO LARGE SCALE	29.08.2021	PARTICIPATION
36	DHARSHINI K	II CSE	E G SPILLAY ENGG COLLEGE	WORKSHOP ON NETWORK ADMINISTRATION FROM SMALL SCALE TO LARGE SCALE	29.08.2021	PARTICIPATION
37	KALAISELVAN R	II CSE	CHALAPATHI INSTITUTE OF ENGINEERING & TECHNOLOGY	WEBINAR ON EMERGING TRENDS IN IOT AND WIRELESS COMMUNICATION	14.08.2021	PARTICIPATION
38	KALAISELVAN R	II CSE	CHALAPATHI INSTITUTE OF ENGINEERING & TECHNOLOGY	INTERNATIONAL WEBINAR ON CLOUD COMPUTING AN OVERVIEW BY TECHNOLOGY ARCHITECT	26.08.2021	PARTIPATION
39	MOHAMED YUSUF	IV CSE	EC-COUNCIL	CERTIFIED ETHICAL HACKER	24.01.2022	PARTIPATION
40	MIKESH KANNA	II CSE	EUROPEAN OPEN UNIVERSITY	PROFESSIONAL CERTIFICATE POGRAM	17.07.2021	PARTIPATION
41	MIKESH KANNA	II CSE	SNS COLLEGE OF TECHNOLOGY	WORKSHOP ON DIGITAL MARKETING	10.07.2019	PARTIPATION

FACULTY CORNER INTERNATIONAL JOURNALS 2021-2022

S.NO	STAFF NAME & DESIGNATION	TITLE OF THE PAPER	PUBLICATION DETAILS		Paper link
			JOURNAL NAME	Issue and Page No	
1	Dr.M.Chinnadurai	Virtualized Load Balancer for Hybrid Cloud Using Genetic Algorithm	Intelligent Automation and Soft Computing	Vol.32, No.3, pp. 1459-1466, 2022	https://www.techscience.com/iasc/v32n3/45917
2	Mr.S.Praveen Kumar Dr.S.kannan	Hybridized Model with Activity Load Adjusting and QOS for Wi-Fi Network System	Intelligent Automation and Soft Computing	Vol.27, No.2, pp. 333-346, 2021	https://www.techscience.com/iasc/v27n2/41243
3	Dr.S.Kannan	An enhanced design and random optimization for oversampling $\Delta\Sigma$ modulator	Springer Journal of Ambient Intelligence and Humanized Computing	Volume 12 June 2021 pp.5751-5762	https://www.researchgate.net/publication/341612184_An_enhanced_design_and_random_optimization_for_oversampling_modulator
4	Mrs.S.Subashree Dr.M.Chinnadurai	Novel mechanism for Fault tolerance in federated cloud Environment	Journal of Environmental protection and Ecology	Volume 22 Issue 04 pp.1641-1651	https://scibulcom.net/en/journal/1311-5065/articles?search=Novel%20mechanism%20for%20Fault%20tolerance%20in%20federated%20cloud%20Environment
5	K.Kalaivani, Dr. M.Chinnadurai	A Hybrid deep learning intrusion detection model for fog computing environment	Intelligent Automation & soft computing.	Intelligent Automation & soft computing, Impact Factor: 1.647, ISSN: 2326-005X (online) Vol.30, No.1, 2021, pp.1-15	DOI:10.32604/iasc.2021.017515
6	Dr.S.Kannan	Intrusion Detection System for Energy Efficient Cluster Based Vehicular Adhoc Networks	Intelligent Automation & soft computing.	Vol.32, No.1, 2022, pp.323-337	https://www.techscience.com/iasc/v32n1/45289

SHOT ON POCO X3

EGS PILLAY
ENGINEERING COLLEGE
(AUTONOMOUS)
(Accredited by NAAC with 'A' Grade)
(NBA Accredited Programmes B.E - CSE,EEE,MECH,IT,CIVIL&ECE)
Nagapattinam - 611002