



# CTRENZ

**2018- 2019**



**E.G.S.PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM**

**Department of Computer Science & Engineering**



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CSE Student.

**R.Sindhuja,**  
CSE Student.

**G.Ashwin,**  
CSE Student.

**S.Sathish,**  
CSE Student.

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## 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 participation 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.

## VISION

o To produce globally competent computer professionals capable of adaptive to the ever-changing technological trends of Industry and Society

## MISSION

o To build the core competence desirable for a computer professional such as design, development, testing and maintenance of software systems to work in real world projects excelling the expected standards of Industries.

o To train the students to acquire high demand skills of emerging technologies to make them preferable for employers.

o To provide state-of-the-art learning facilities for effective implementation of learner centric teaching-learning process to develop professional skills, self-learning and lifelong learning capabilities.

## PSOs

The graduates will have

PSO1: 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.

PSO2: The ability to demonstrate the technical skills and knowledge gained in the fields such as Artificial Intelligence, Data Science, Cloud Computing, Social Network Analysis & Mobile Application development to build successful career and pursue higher education.

## PEOs

PEO1: Graduates will have successful careers in the field of computer science and engineering as computer professionals or entrepreneurs.

PEO2: Graduates will have desirable knowledge on core competencies and emerging technologies to pursue higher education and research.

PEO3: Graduates will continue to learn and adapt to the world of constantly evolving technology.

## 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

S.NO	REGISTER NO.	NAME OF THE STUDENT	CLASS	NAME OF THE INSTITUTION	COURSE TITLE	DURATION
1.	820815104045	MEENA T	IVCSE A	E.G.S.PILLAY ENGG COLLEGE	INTERNET OF MEDICAL THINGS IN HEALTHCARE	14-06-2018 & 15-06-2018
2.	820815104059	RAGARANJANI. R	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
3.	820815104090	YAMUNA.R	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
4.	820815104078	SUBASRI T	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
5.	820815104089	VINOTHINI T	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
6.	820815104050	NIVETHA N	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
7.	820815104045	MEENA T	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
8.	820815104056	PRIYADHARSHINI. P	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
9.	820815104049	NIVEDHA. K	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
10.	820815104048	NATARAJAN. A	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
11.	820815104066	SANGAVI K	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
12.	820815104082	THAMIZHSELVI.T	IVCSE A	WIKITECHY	GAMING AND SECURITY	22-07-2018
13.	820815104078	SUBASRI T	IVCSE A	COLLEGE OF FISHERIES ENGINEERING	BUSINESS OPPORTUNITIES IN DRY FISH PRODUCTS	21-08-2018
14.	820816104078	RAJITHA R	III CSE A	LIVEWIRE	PYTHON	25-08-2018
15.	820815104078	SUBASRI T	IV CSE A	LIVEWIRE	PYTHON	25-08-2018
16.	820815104049	NIVEDHA. K	IV CSE A	LIVEWIRE	PYTHON	20-09-2018
17.	820815104089	VINOTHINI T	IV CSE A	LIVEWIRE	PYTHON	20-09-2018
18.	820816104036	KAMALI S	IIICSE A	BHARATHIYAR COLLEGE OF ENGINEERING AND TECHNOLOGY, KARAİKAL	DATA MINING TECHNIQUES AND TOOLS	08-02-2019

18.	820816104036	KAMALI S	IIICSE A	BHARATHIYAR COLLEGE OF ENGINEERING AND TECHNOLOGY, KARAIKAL	DATA MINING TECHNIQUES AND TOOLS	08-02-2019
19.	820816104054	MONIKA M	IIICSE A	BHARATHIYAR COLLEGE OF ENGINEERING AND TECHNOLOGY, KARAIKAL	DATA MINING TECHNIQUES AND TOOLS	08-02-2019
20.	820816104043	KOWSAKI M	IIICSE A	BHARATHIYAR COLLEGE OF ENGINEERING AND TECHNOLOGY, KARAIKAL	DATA MINING TECHNIQUES AND TOOLS	08-02-2019
21.	820816104029	HEMALATHA G	IIICSE A	BHARATHIYAR COLLEGE OF ENGINEERING AND TECHNOLOGY, KARAIKAL	DATA MINING TECHNIQUES AND TOOLS	08-02-2019

TECHNICAL EVENTS

S.N O	REGISTER NO.	NAME OF THE STUDENT	CLA SS	NAME OF THE INSTITUTION	COURSE TITLE	DURATI ON	PRIZE / PARTICIPAT ION
1	820816104 028	HARINISHRI P	III CSE A	PERUNTHALAI VAR KAMARAJAR INSTITUTE OF ENGG AND TECH, KARAIKAL	PAPER PRESENTAT ION	31-08- 2018	PARTICIPAT ION



2	E17CSR09 5	SHANMUGAR AJAN T	II CSE A	PERUNTHALAI VAR KAMARAJAR INSTITUTE OF ENGG AND TECH, KARAIKAL	CHOREO NITE	31-08- 2018	SECOND
3	S20816104 092	SATHISH S	III CSE A	JAMAL MOHAMED COLLEGE TRICHY	DEBUGGING	05-10- 2018 & 06-10- 2018	PARTICIPAT ION
4	S20816104 092	SATHISH S	III CSE A	JAMAL MOHAMED COLLEGE TRICHY	QUIZ	05-10- 2018 & 06-10- 2018	PARTICIPAT ION
			A	COLLEGE TRICHY		06-10- 2018	

## FACULTY CORNER

### INTERNATIONAL JOURNALS:

S.NO	STAFF NAME & DESIGNATION	TITLE OF THE PAPER	PUBLICATION DETAILS	
			JOURNAL NAME	ISSN NO.
1	Dr.S.Appavu Alias Balamurugan Professor/CSE	A Robust framework to Detect moving vehicles in different Road conditions in INDIA	Journal of Theoretical and Applied information Technology	1817-3195
2	Dr.S.Appavu Alias Balamurugan Professor/CSE	An integrated digital signature and mutual Authentication mechanism for securing the cognitive radio networks	International Journal of Communication systems.	Accepted for Publication.
3	Dr.S.Appavu Alias Balamurugan Professor/CSE	Hybridization of teaching Learning based optimization and multiple criteria decision making methods for software Package selection.	IEEE transactions on Engineering Management	Accepted for Publication.
4	Dr.S.Appavu Alias Balamurugan Professor/CSE	Patient health description using NFC-Tag-M-Health	AICAI	P.NO:92
5	Dr.S.Appavu Alias Balamurugan Professor/CSE	Diagnosis and prediction analysis of health monitoring system using practical swarm optimization generating health report card	AISGSC	P.ID:231
6	Dr.M.Chinnadurai Mr.R.Manivannan	An efficient protocol for power consumption in wireless enterprise ad hoc virtual community network with Triso framework.	International journal enterprise network management.	1748-1260

### FDP / WORKSHOPS / SEMINAR ATTENDED

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			NO. OF DAYS
		NAME OF THE INSTITUTION	TITLE	DURATION	
1	M.Chinnadurai, ASSO.PROF/CSE S.Mahalakshmi, AP/CSE K.kalaivani Asso.Prof/CSE	E.G.S Pillay Engineering college-Nagapattinam	Implementation and assessment of <u>outcomebased</u> education	02-02-2019 To 03-02-2019	02

	K.Balasubramanian,AP/CSE Sudhirsennai,AP/CSE R.Manivannan,AP/CSE G.Arulselvan,AP/CSE T.Ganesan,Asso.Prof/CSE S.Aravidhan,AP/CSE N.Murali,AP/CSE G.Prabhakaran,AP/CSE P.Anandraj,AP/CSE A.Baskar,AP/CSE M.Marko,AP/CSE S.Praveenkumar,AP/CSE S.Palanimurugan,AP/CSE J.NoorulAmeen,AP/CSE M.Rajkumar,AP/CSE				
2	M.Chinnadurai,ASSO.PROF/CSE S.Mahalakshmi,AP/CSE K.kalaivani,Asso.Prof/CSE K.Balasubramanian,AP/CSE Sudhirsennai,AP/CSE R.Manivannan,AP/CSE G.Arulselvan,AP/CSE T.Ganesan,Asso.Prof/CSE S.Aravidhan,AP/CSE N.Murali,AP/CSE G.Prabhakaran,AP/CSE P.Anandraj,AP/CSE A.Baskar,AP/CSE M.Marko,AP/CSE S.Praveenkumar,AP/CSE S.Palanimurugan,AP/CSE J.NoorulAmeen,AP/CSE M.Rajkumar,AP/CSE	E.G.S Pillay Engineering college-Nagapattinam	Indian society for technical education.	18-01-2019 To 19-01-2019	02
3	Dr.S.Appavu Alias Balamurugan	PSG college of technology	International conference on Artificial Intelligence smart grid and smart city applications.	04-01-2019 To 05-01-2019	02
4	M.Chinnadurai,ASSO.PROF/CSE S.Mahalakshmi,AP/CSE	E.G.S Pillay Engineering college-Nagapattinam	Technical Seminar on infact of Outcome based education for	18-01-2019 To	02

	K.kalaivani,Asso.Prof/CSE K.Balasubramanian,AP/CSE Sudhirsensai,AP/CSE R.Manivannan,AP/CSE G.Arulselvan,AP/CSE T.Ganesan,Asso.Prof/CSE S.Aravidhan,AP/CSE N.Murali,AP/CSE G.Prabhakaran,AP/CSE P.Anandraj,AP/CSE A.Baskar,AP/CSE M.Marko,AP/CSE S.Praveenkumar,AP/CSE S.Palanimurugan,AP/CSE J.NoorulAmeen,AP/CSE M.Rajkumaran,AP/CSE Dr.S.Appavu Alias Balamurugan		engineering students.	19-01-2019	
5	M.Chinnadurai, ASSO.PROF/CSE S.Mahalakshmi,AP/CSE K.kalaivani,Asso.Prof/CSE K.Balasubramanian,AP/CSE Sudhirsensai,AP/CSE R.Manivannan,AP/CSE G.Arulselvan,AP/CSE T.Ganesan,Asso.Prof/CSE S.Aravidhan,AP/CSE N.Murali,AP/CSE G.Prabhakaran,AP/CSE P.Anandraj,AP/CSE A.Baskar,AP/CSE M.Marko,AP/CSE S.Praveenkumar,AP/CSE S.Palanimurugan,AP/CSE J.NoorulAmeen,AP/CSE M.Rajkumaran,AP/CSE Dr.S.Appavu Alias Balamurugan	E.G.S Pillay Engineering college-Nagapattinam	International seminar on Artificial intelligence and deep learning for application inspired engineering research.	27-12-2018 To 28-12-2018	02
6	K.Balasubramanian,AP/CSE	Anna university.	Faculty development training program.	15-12-2018 To 28-12-2018	08

7	G.Arulselvan,AP/CSE	Anna university.	Faculty development training program.	15-12-2018 To 28-12-2018	08
8	M.Rajkumar,AP/CSE	Anna university.	Faculty development training program.	03-12-2018 To 14-12-2018	12
9	S.Praveenkumar,AP/CSE	Anna university.	Faculty development training program.	03-12-2018 To 14-12-2018	12
10	T.Ganesan,Asso.Prof/CSE	Anna university.	Faculty development training program.	03-12-2018 To 14-12-2018	12
11	M.Chinnadurai,ASSO.PROF/CSE	Anna university.	Faculty development training program.	03-12-2018 To 14-12-2018	12
12	A.Baskar,AP/CSE	Panimalar institute of technology.	Workshop on Internet of things.	29-11-2018 To 30-11-2018	02
13	M.Chinnadurai,ASSO.PROF/CSE S.Mahalakshmi,AP/CSE K.kalaivani,Asso.Prof/CSE K.Balasubramanian,AP/CSE Sudhirsena,AP/CSE R.Manivannan,AP/CSE G.Arulselvan,AP/CSE T.Ganesan,Asso.Prof/CSE S.Aravidhan,AP/CSE N.Murali,AP/CSE G.Prabhakaran,AP/CSE P.Anandraj,AP/CSE A.Baskar,AP/CSE M.Marko,AP/CSE S.Praveenkumar,AP/CSE S.Palanimurugan,AP/CSE	E.G.S Pillay Engineering college-Nagapattinam	Seminar on Wimax on free space optical communication.	09-11-2018	01

□



```
elif_operation ==  
mirror_sod.use x = False
```

