



# VELAMMAL

## INSITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to Anna University & Accredited by NAAC  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

# ***PIPELINE***

## Newsletter

### **2017-2018(EVEN SEMESTER)**

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## VISION OF THE INSTITUTE

To be a leader in quality technical education, research and enterprising skills in pursuit of professional excellence.

## MISSION OF THE INSTITUTE

1. To promote quality education and technical skills to meet the industry requirements.
2. To incorporate team work, leadership and lifelong learning.
3. To facilitate career development and higher education assistance.
4. To encourage innovative ideas for research and development and entrepreneurship for societal needs.
5. To inculcate ethical responsibility & human values.

## VISION OF THE DEPARTMENT

To create successful engineers with technical competency and innovative ideas in the field of Computer Science and Engineering.

## MISSION OF THE DEPARTMENT

1. To achieve academic excellence through effective teaching-learning process to meet the demands of the industry.
2. To equip students to face the challenges in the field of Computer Science and Engineering and prepare them as responsible engineers with human values.
3. To enrich students with required skills for employability, entrepreneurship and pursuing higher studies.
4. To encourage the students to implement innovative ideas for research and development.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

### Graduates of Computer Science and Engineering Program will

1. Achieve a successful profession with good knowledge in Computer Science and Engineering to meet the demands of industry.
2. Become morally responsible engineers and contribute to the betterment of society.
3. Possess required skills and leadership qualities which will make them to be a continuous learner.

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**PROGRAM OUTCOMES (POs)**

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**Engineering Graduates will be able to:**

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** 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.
4. **Conduct investigations of complex problems:** 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.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** 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.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** 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.
11. **Project management and finance:** 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.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage independent and life-long learning in the broadest context of technological change

**GUEST LECTURES**

| S.No | Tentative Date | Sem /Sec | Name of the Programme (Guest Lecture / Seminar ) | Resource Person | Designation & Organization                  | Topics Covered                                   | Total No.of Students |
|------|----------------|----------|--|-----------------|---|--|----------------------|
| 1    | 23-02-2018     | IV/A,B   | Guest Lecture                                    | Dr.P.Yogesh     | Associate Professor, Anna University.       | Knapsack Problem, Divide and Conquer methodology | 103                  |
| 2    | 27-02-2018     | IV/A,B   | Guest Lecture                                    | Dr.S.V.Nagaraj  | Professor, Vellore Institute of Technology. | IP addressing                                    | 103                  |
| 3    | 21-02-2018     | VI/A,B   | Guest Lecture                                    | Kaja Muyenudeen | Technical Head, CTS.                        | Developing Mobile Applications                   | 105                  |
| 4    | 05-03-2018     | VI/A,B   | Guest Lecture                                    | Dr.P.Visu       | Professor, Velammal Engineering College     | Lexical Analysis                                 | 105                  |



**STAFF PUBLICATION/CONFERENCE/JOURNAL**

| <b>S. No</b> | <b>Name of the Staff</b>  | <b>Conference</b> | <b>Title of the Program/Presentation /Publication</b>                                       | <b>Date</b> | <b>Organized by/Name of the Journal</b> |
|--------------|---------------------------|-------------------|---|-------------|---|
| 1            | Dr S.Soundararajan        | ICSTEM'18         | Prevention Of Accident Using Driver Alertness System  | March 2018  | IJIRCCE                                 |
| 2            | Dr S.Soundararajan        | ICSTEM'18         | Classification And Filtration Of Resources With Collaborative Tagging System                | April 2018  | IRJET                                   |
| 3            | Dr.R.Sugumar              | NCETDST           | Aadhaar Card Based Health Records Monitoring System   | March 2018  | IJIRSET                                 |
| 4            | Dr.R.Sugumar              | NCETDST           | IoT Based Fire Deduction And Safety Navigation System                                       | March 2018  | IJIRSET                                 |
| 5            | Dr.V.P.Gladis Pushparathi | NCETDST           | Clinical Decision Support System Using Hadoop   | March 2018  | IJIRSET                                 |
| 6            | Dr.V.P.Gladis Pushparathi | NCETDST           | Credit Card Forgery Using Multilevel Authentication Based On Pos                            | March 2018  | IJIRSET                                 |
| 7            | Dr.V.P.Gladis Pushparathi | -                 | Identifying Competitors Based On User Reviews Using Sentiment Classification Methods        | April 2018  | IJUSER                                  |
| 8            | Ms. S.Selvakanmani        | NCETDST           | Location And Data Privacy Preservation Of A Secondary User In A Wireless Cognitive Networks | March 2018  | IJIRSET                                 |
| 9            | Ms. S.Selvakanmani        | ICSTEM'18         | Auction Based Health Monitoring Scheme Using Group Management                               | April 2018  | IJESC                                   |

|    |                       |           | Techniques In Wsn   |            |         |
|----|-----------------------|-----------|---|------------|---------|
| 10 | Ms. E.Sujatha         | NCETDST   | Regression For Identifying Genetic Biomarkers Using Brain Image Segmentation    | March 2018 | IJIRSET |
| 11 | Ms. E.Sujatha         | ICSTEM'18 | An Efficient Dissemination & Dynamic Risk Management In Wireless Sensor Network | April 2018 | IRJET   |
| 12 | Ms.K.Tamilarasi       | NCETDST   | A System For Mac Convention Misconduct Location                                 | March 2018 | IJIRSET |
| 13 | Ms.K.Tamilarasi       | NCETDST   | Schizophrenia Diagnosis With EEG Signals  | March 2018 | IJIRSET |
| 14 | Mr. N. R. Rejin Paul  | NCETDST   | Association Rule Mining For Frequent Item set On Encoded Cloud Data             | March 2018 | IJIRSET |
| 15 | Mr. N. R. Rejin Paul  | NCETDST   | Optimization Of Map Reduce Function On Hadoop With Ishuffle                     | March 2018 | IJIRSET |
| 16 | Mr. N. R. Rejin Paul  | NCETDST   | Secure Access Policies Based Data Deduplication System                          | March 2018 | IJIRSET |
| 17 | Mr. J.Praveen Chandar | NCETDST   | A Modern Approach For Enabling Vehicular Pollution Control And Avoidance        | March 2018 | IJIRSET |
| 18 | Mr. J.Praveen Chandar | NCETDST   | An Otp Based Detection System For Review Spamming In Online Shopping            | March 2018 | IJIRSET |
| 19 | Ms. A.V. Kalpana      | NCETDST   | Secure And Efficient Cloud Data Deduplication                                   | March 2018 | IJIRSET |

|    |                     |         |   |            |        |
|----|---------------------|---------|---|------------|--------|
| 20 | Ms. A.V. Kalpana    | ICCET   | An Iot Based System Enabling Automated Vehicle Accident Prevention Based On Electromagnetic Force | May 2018   | IJSIET |
| 21 | Ms. Pranamita Nanda | NCETDST | Supervised Deep Learning Approach To Identify The Lung Cancer                                     | March 2018 | IJRSET |
| 22 | Mr. K. Balachander  | NCETDST | Hybrid Two-Tier Framework For Enhancing Security In Cloud Environment                             | March 2018 | IJRSET |
| 23 | Mr. K. Balachander  | NCETDST | Monitoring The Glucose Level And Cholesterol Level Using Iot                                      | March 2018 | IJRSET |
| 24 | Ms. S. Aiswarya     | ICCET   | Improving Energy Efficiency For Wireless Sensor Networks Using Trust Model                        | May 2018   | IJSIET |
| 25 | Ms. S. Aiswarya     | NCETDST | Dynamic repeating with secured multipath batch configuration"                                     | March 2018 | IJRSET |
| 26 | Ms. R. Chitra.      | ICCET   | Emergency Data Identification And Sending Data With High Priority                                 | May 2018   | IJSIET |
| 27 | Ms. R. Chitra       | NCETDST | Prevention Of Video Piracy Through Advanced Video Watermarking                                    | March 2018 | IJRSET |
| 28 | Ms. G. Indumathi    | NCETDST | Item Based Collaborative Filtering Recommendation System  | March 2018 | IJRSET |
| 29 | Ms. G. Indumathi    | ICCET   | Spd Emergency   | May 2018   | IJSIET |
| 30 | Mr. R. Raja         | NCETDST | Integrated Collective Node Behaviour Analysis With  | March 2018 | IJRSET |



|    |                           |            |   |            |         |
|----|---------------------------|------------|---|------------|---------|
|    |                           |            | Onion Protocol For Best And Secured Transmission  |            |         |
| 31 | Mr. R.Raja                | NCETDST    | Minimization Influence Of Rumor Detection In Social Network                                       | March 2018 | IJIRSET |
| 32 | Mr. G. Manickavasagan.    | NCETDST    | Intrusion Detection & Prevention Using Anomaly Behaviour  | March 2018 | IJIRSET |
| 33 | Ms K.Ramya                | NCETDST    | Advanced Traffic Signalling System Using Machine Learning   | March 2018 | IJIRSET |
| 34 | Ms K.Ramya                | NCETDST    | Real-Time American Sign Language Recognition With Faster Regional Convolutional Neural networks   | March 2018 | IJIRSET |
| 35 | Mr G. Elangovan           | ICONSET'18 | An Heuristic Approach In Dispersed Medicinal Cloud Service Figuring Framework                     | -          | -       |
| 36 | Mr. J.Sathiya Jeba Sundar | NCETDST    | Accomplish Secure Handover Session Key Management Through Portable Relay In Lte Advanced Networks | March 2018 | IJIRSET |

**INDUSTRIAL VISIT**

Year : II /CSE / A&amp;B

Batch : 2016-2020

Visited Place : CTS , Siruseri

Contact Person: Mr. R. Anand

Mail id: Anand.R2@cognizant.com

**FDP**

| <i>SNo</i> | <i>Name of the Staff</i> | <i>FDP/FDTP/Workshop</i>   | <i>Title</i>           | <i>Organized by</i> | <i>Date</i>       |
|------------|--------------------------|--|------------------------|---------------------|-------------------|
| 1          | S. Selvakanmani          | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd         | 24 to 28-Apr-2017 |
| 2          | K Tamilarasi             | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd         | 24 to 28-Apr-2017 |
| 3          | J Praveen Chander        | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd         | 24 to 28-Apr-2017 |
| 4          | N R Rejin Paul           | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd         | 24 to 28-Apr-2017 |
| 5          | Pranamita Nanda          | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd         | 24 to 28-Apr-2017 |
| 6          | K Balachander            | Faculty Enablement Program(FEP) - Velammal                         | Foundation Program 5.0 | Infosys Ltd         | 24 to 28-         |

|    |                  |  |                        |             |                   |
|----|------------------|--|------------------------|-------------|-------------------|
|    |                  | Institute of Technology  |                        |             | Apr-2017          |
| 7  | A V Kalpana      | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd | 24 to 28-Apr-2017 |
| 8  | S Aiswarya       | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd | 24 to 28-Apr-2017 |
| 9  | G Elangovan      | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd | 24 to 28-Apr-2017 |
| 10 | R Raja           | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd | 24 to 28-Apr-2017 |
| 11 | K Ramya          | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd | 24 to 28-Apr-2017 |
| 12 | G Manickavasagan | Faculty Enablement Program(FEP) - Velammal Institute of Technology | Foundation Program 5.0 | Infosys Ltd | 24 to 28-Apr-2017 |

### TRAINING PROGRAM



**7 days C and Java Training Program for II year CSE in Dec-2017 by Silicon Software Technologies**

**DETAILS OF WORKSHOPS, SEMINARS, CONFERENCES AND FDP ORGANIZED**

| <b>S.No</b> | <b>Conference / Seminar / Workshop / FDP</b> | <b>Title of the Program</b>   | <b>Chief Guest/ Resource Person</b>   | <b>Date</b>     |
|-------------|--|---|---|-----------------|
| 1           | Conference                                   | National Conference on Emerging Trends in Data Science and Technology(NCETDST'18) | Dr. V .N. Mani, Scientist-E Principal Investigator, DRDO Project on High Pure Gallium/GaN & DST Projects on Development & Automation of Controlled Melting & Freezing & Refining Systems                  | 14-03-2018      |
| 2           | STTP   | AICTE-ISTE Induction/Refresher Programme  | 1. Dr A.K. Natesan , Chairman , ISTE Tamil Nadu & Pondicherry Section, Hon. Chairman-Excel Group of Institutions , Namakkal. 2. Dr. P. Siva Kumar, Distinguished Scientist(DS) & Director-CVRDE, Chennai. | 7 to 12-03-2018 |

**NCETDST'18**

Department of Computer Science & Engineering organized a National Conference on Emerging Trends in Data Science & Technology (NCETDST '18) on 14<sup>th</sup> March 2018.





Department of Computer Science and Engineering Organized a Six days AICTE-ISTE Induction/Refresher Programme on Career Advancement by Technical Teaching Skills Amplification from 7th to 12th May 2018.

## STUDENTS PARTICIPATION/PRESENTATION/PUBLICATION

### STUDENTS CONFERENCE PUBLICATION

| S.No | Name of the Student with Class/ Year | Participation/ Presentation | Title of the Paper/ Program  | Name of the conference | Organizing Agency                | Date       |
|------|--------------------------------------|-----------------------------|--|------------------------|----------------------------------|------------|
| 1    | Sai Vignesh D/IV yr CSE A            | <b>Presentation</b>         | Perceiving and responding through Braille Vibrations via Android for deaf-blind people | NCLIT                  | RMD Engineering College          | 2-04-2018  |
|      | Ajay Sylvester/IV yr CSE B           |                             |  |                        |                                  |            |
| 2    | Dhanyashri B S P/IV yr CSE A         | <b>Presentation</b>         | Secure and efficient cloud data deduplication  | NCETDST                | Velammal Institute of Technology | 14-03-2018 |
|      | Kiruthiha /IV yr CSE A               |                             |  |                        |                                  |            |
|      | Shanmathy/IV yr CSE C                |                             |  |                        |                                  |            |
| 3    | Sushmitha Kumari/IV yr CSE C         | <b>Presentation</b>         | A modern approach for enabling vehicular   | NCETDST                | Velammal Institute of            | 14-03-2018 |

|   |  |                     |  |         |  |            |
|---|--|---------------------|--|---------|--|------------|
|   | Nishanthini P G /IV<br>yr CSE C        |                     | pollution avoidance and<br>control   |         | Technology                             |            |
|   | Kavya S/IV yr CSE<br>C                 |                     |  |         |  |            |
| 4 | Thushyanthan G / IV<br>yr CSE A        | <b>Presentation</b> | Minimization influence<br>of rumour detection in<br>social networks                          | NCETDST | Velammal<br>Institute of<br>Technology | 14-03-2018 |
|   | Karthick B/IV yr<br>CSE A              |                     |  |         |  |            |
|   | TamilAmuthan A/ IV<br>yr CSE A         |                     |  |         |  |            |
| 5 | Kameshwaran B/IV<br>yr CSE B           | <b>Presentation</b> | An OTP based detection<br>system for review<br>spamming in online<br>shopping                | NCETDST | Velammal<br>Institute of<br>Technology | 14-03-2018 |
|   | Adithya K/IV yr CSE<br>B               |                     |  |         |  |            |
|   | Mohammed<br>Ismail/IV yr CSE B         |                     |  |         |  |            |
| 6 | Dharani Kumar R/IV<br>yr CSE C         | <b>Presentation</b> | Prevention of video<br>piracy through<br>advanced video<br>watermarking                      | NCETDST | Velammal<br>Institute of<br>Technology | 14-03-2018 |
|   | Dinesh S/IV yr CSE<br>C                |                     |  |         |  |            |
|   | Sathish Kumar D/IV<br>yr CSE C         |                     |  |         |  |            |
| 7 | Bharath V/IV yr CSE<br>A               | <b>Presentation</b> | Accomplish secure data<br>transfer session key<br>management through<br>routers in a network | NCETDST | Velammal<br>Institute of<br>Technology | 14-03-2018 |
|   | Saran Kumar S/IV yr<br>CSE A           |                     |  |         |  |            |
|   | Ranjith T/IV yr CSE<br>A               |                     |  |         |  |            |
| 8 | Sharon Elizabeth<br>Philps/IV yr CSE B | <b>Presentation</b> | Schizophrenia diagnosis<br>with EEG signals  | NCETDST | Velammal<br>Institute of<br>Technology | 14-03-2018 |
|   | Arunodhaya C/IV yr<br>CSE B            |                     |  |         |  |            |
|   | Abitha S/IV yr CSE<br>B                |                     |  |         |  |            |

|    |                                   |                     |   |            |  |               |
|----|-----------------------------------|---------------------|---|------------|--|---------------|
| 9  | Pradheep D R /IV yr<br>CSE C      | <b>Presentation</b> | Competitor identification<br>through sentiment<br>classification based on<br>user reviews                     | ICONSET'18 | JEC                                    | 23,24-03-2018 |
|    | Sreenivasalu<br>Reddy/IV yr CSE C |                     |   |            |  |               |
|    | Venkatesan C/IV yr<br>CSE C       |                     |   |            |  |               |
|    | Karthik R P/IV yr<br>CSE C        |                     |   |            |  |               |
| 10 | Dhoshini. P /IV yr<br>CSE C       | <b>Presentation</b> | Credit card forgery using<br>multilevel authentication<br>based on POS  | NCETDST    | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Sangeetha. N.D/IV yr<br>CSE C     |                     |   |            |  |               |
|    | Sindhuja. A/IV yr<br>CSE C        |                     |   |            |  |               |
| 11 | Dinesh S /IV yr CSE<br>B          | <b>Presentation</b> | Implementation of sign<br>language detection using<br>faster R-CNN  | NCETDST    | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Sivaprakash S/IV yr<br>CSE B      |                     |   |            |  |               |
|    | Keshav M/IV yr CSE<br>B           |                     |   |            |  |               |
| 12 | Divya.V/IV yr CSE<br>B            | <b>Presentation</b> | Dynamic Replication<br>And Archival processing<br>In Cloud Based Upon<br>Client Monitoring                    | ICSTEM'18  | KIT                                    | 23,24-03-2018 |
|    | Divya Venkat/IV yr<br>CSE B       |                     |   |            |  |               |
|    | Gayatri.N/IV yr CSE<br>B          |                     |   |            |  |               |
|    | Ramya.A/IV yr CSE<br>B            |                     |   |            |  |               |
| 13 | Thenmozhi S/IV yr<br>CSE C        | <b>Presentation</b> | An IOT based system<br>Enabling automated<br>vehicle accident<br>prevention based on<br>electromagnetic force | ICCET      | PSVPEC                                 | 10,11-03-2018 |
|    | Lakshmi P/IV yr<br>CSE C          |                     |   |            |  |               |
|    | Geetha R/IV yr CSE<br>C           |                     |   |            |  |               |

|    |                                |                     |  |           |                                  |               |
|----|--------------------------------|---------------------|--|-----------|----------------------------------|---------------|
| 14 | Hemanth K B /IV yr CSE A       | <b>Presentation</b> | A secure access policies based data deduplication system                             | NCETDST   | Velammal Institute of Technology | 14-03-2018    |
|    | Aravind S/IV yr CSE A          |                     |  |           |                                  |               |
| 15 | Jayasri.S /IV yr CSE B         | <b>Presentation</b> | Item Based Collaborative Filtering Recommendation System                             | NCETDST   | Velammal Institute of Technology | 14-03-2018    |
|    | Kavisuriya.S/IV yr CSE B       |                     |  |           |                                  |               |
|    | Vidhya.K/IV yr CSE B           |                     |  |           |                                  |               |
| 16 | Sricharitha P /IV yr CSE C     | <b>Presentation</b> | Analysing the financial data and recommendation of mutual funds using data analytics | ICCET     | PSVPEC                           | 10,11-03-2018 |
|    | Mohammed Jafriin/IV yr CSE C   |                     |  |           |                                  |               |
| 17 | Mageshwari S/IV yr CSE A       | <b>Presentation</b> | Classification and filtration of resources with collaborative tagging system         | ICSTEM'18 | KIT                              | 23,24-03-2018 |
|    | Swathi S/IV yr CSE A           |                     |  |           |                                  |               |
|    | Vinothini Maa/IV yr CSE A      |                     |  |           |                                  |               |
| 18 | Vyshanavi V/IV yr CSE A        | <b>Presentation</b> | Dynamic repeating with secured multipath batch configuration                         | NCETDST   | Velammal Institute of Technology | 14-03-2018    |
|    | Ramya B/IV yr CSE A            |                     |  |           |                                  |               |
|    | Jaswanthi N/IV yr CSE A        |                     |  |           |                                  |               |
| 19 | Indresh M/IV yr CSE A          | <b>Presentation</b> | Supervised deep learning approach to identify lung cancer                            | NCETDST   | Velammal Institute of Technology | 14-03-2018    |
|    | Vishal Vineeth/IV yr CSE A     |                     |  |           |                                  |               |
|    | Ram NiKilesh M/IV yr CSE A     |                     |  |           |                                  |               |
| 20 | Balagurusurendar S/IV yr CSE A | <b>Presentation</b> | Channel selection in CRN using a statistical   | NCLIIT    | RMD                              | 2-04-2018     |



|    |                                 |                     |  |           |  |               |
|----|---------------------------------|---------------------|--|-----------|--|---------------|
|    | Maheprabakar K<br>S/IV yr CSE A |                     | approach   |           |  |               |
|    | Infant Ajay V/IV yr<br>CSE A    |                     |  |           |  |               |
| 21 | Aishwarya A/IV yr<br>CSE A      | <b>Presentation</b> | Improving energy<br>efficiency for wireless<br>sensor network using<br>trust model                     | ICCET     | PSVPEC                                 | 10,11-03-2018 |
|    | Yamuna M/IV yr<br>CSE A         |                     |  |           |  |               |
| 22 | Agalya P/IV yr CSE<br>A         | <b>Presentation</b> | Location and data privacy<br>presentation of a<br>secondary user in a<br>wireless cognitive<br>network | NCETDST   | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Dhivya R/IV yr CSE<br>A         |                     |  |           |  |               |
|    | Anusha A/IV yr CSE<br>A         |                     |  |           |  |               |
| 23 | Kavinilavu.A/IV yr<br>CSE B     | <b>Presentation</b> | Robust portfolio selection<br>for asset assessment and<br>management                                   | NCLIIT    | RMD                                    | 02-04-2018    |
|    | Ramya.T/IV yr CSE<br>B          |                     |  |           |  |               |
|    | Priya.S/IV yr CSE B             |                     |  |           |  |               |
| 24 | Archana.K.S/IV yr<br>CSE B      | <b>Presentation</b> | Prevention of accidents<br>using drivers alertness<br>system   | ICSTEM'18 | KIT                                    | 23,24-03-2018 |
|    | Sarada Devi A/IV yr<br>CSE B    |                     |  |           |  |               |
|    | Manimegalai A/IV yr<br>CSE B    |                     |  |           |  |               |
| 25 | Renuka Devi.R/IV yr<br>CSE B    | <b>Presentation</b> | Regression For<br>Identifying Genetic Bio<br>Markers Using Brain<br>Image Segmentation                 | NCETDST   | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Hansika.V /IV yr<br>CSE B       |                     |  |           |  |               |
|    | Gayathri.M/IV yr<br>CSE B       |                     |  |           |  |               |
| 26 | Sandhya.N.S /IV yr<br>CSE B     | <b>Presentation</b> | Auction Based Health<br>Monitoring Scheme  | ICSTEM'18 | KIT                                    | 23,24-03-2018 |

|    |  |                     |   |            |  |               |
|----|--|---------------------|---|------------|--|---------------|
|    | Shanmathi.M/IV yr<br>CSE B               |                     | Using Group<br>Management Techniques<br>in WSN  |            |  |               |
| 27 | Sree Sharmila S /IV<br>yr CSE C          | <b>Presentation</b> | Online crime reporting<br>system using cloud<br>computing environment   | ICCET      | PSVPEC                                 | 10,11-03-2018 |
|    | Indhumathi S/IV yr<br>CSE C              |                     |   |            |  |               |
| 28 | Narayanan<br>Soundharyaa /IV yr<br>CSE C | <b>Presentation</b> | Integrated collective node<br>behaviour analysis with<br>union protocol for best &<br>secured data transmission | NCETDST    | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Nandhini.M.K/IV yr<br>CSE C              |                     |   |            |  |               |
|    | Bhavani Raj . R/IV<br>yr CSE C           |                     |   |            |  |               |
| 29 | Meghana<br>Chandrashekar /IV yr<br>CSE C | <b>Presentation</b> | Non-invasive blood<br>glucose and cholesterol<br>level monitoring using<br>IOT                                  | NCETDST    | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Indhumathi. V/IV yr<br>CSE C             |                     |   |            |  |               |
|    | Sowmiya.R/IV yr<br>CSE C                 |                     |   |            |  |               |
| 30 | Manohari.N /IV yr<br>CSE C               | <b>Presentation</b> | Secure Electronic<br>transaction using<br>Aadhaar based QR code<br>& biometric<br>authentication                | ICONSET'18 | JEC                                    | 23,24-03-2018 |
|    | Archana.T /IV yr<br>CSE C                |                     |   |            |  |               |
|    | Pavithra.T/IV yr CSE<br>C                |                     |   |            |  |               |
| 31 | Shilpa Sosa George<br>/IV yr CSE A       | <b>Presentation</b> | Emergency data<br>identification and sending<br>data with high priority   | ICCET      | PSVPEC                                 | 10,11-03-2018 |
|    | Likitha S/IV yr CSE<br>A                 |                     |   |            |  |               |
|    | Priscilla S/IV yr CSE<br>A               |                     |   |            |  |               |
| 32 | Mansi Metha /IV yr<br>CSE B              | <b>Presentation</b> | Association rule mining<br>for frequent item set on   | NCETDST    | Velammal<br>Institute of               | 14-03-2018    |

|    |                                  |                     |   |           |  |               |
|----|----------------------------------|---------------------|---|-----------|--|---------------|
|    | Nivetha.T.C/IV yr<br>CSE B       |                     | encoded cloud data  |           | Technology                             |               |
|    | Sindhuja.M/IV yr<br>CSE B        |                     |   |           |  |               |
| 33 | Kavitha S/IV yr CSE<br>A         | <b>Presentation</b> | Clinical decision support<br>system assisted by cloud<br>and big data   | NCETDST   | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Sakthi Nivetha/IV yr<br>CSE A    |                     |   |           |  |               |
|    | S Divya/IV yr CSE A              |                     |   |           |  |               |
|    | Bharathi S/IV yr CSE<br>A        |                     |   |           |  |               |
| 34 | Pavithra M/IV yr<br>CSE A        | <b>Presentation</b> | An efficient<br>dissemination & dynamic<br>risk management in<br>wireless sensor network  | ICSTEM'18 | KIT                                    | 23,24-03-2018 |
|    | Ramya R/IV yr CSE<br>A           |                     |   |           |  |               |
| 35 | Gokulkrishnan P/IV<br>yr CSE B   | <b>Presentation</b> | Cloud based optimization<br>approach to joint cyber<br>security and insurance<br>management system.   | ICSTEM'18 | KIT                                    | 23,24-03-2018 |
|    | Vignesh D /IV yr<br>CSE B        |                     |   |           |  |               |
|    | Siva M/IV yr CSE B               |                     |   |           |  |               |
| 36 | Prasanth kumar J /IV<br>yr CSE C | <b>Presentation</b> | Hybrid two tier<br>framework for enhancing<br>security in cloud<br>environment Hybrid two<br>tier framework for<br>enhancing security in<br>cloud environment | NCETDST   | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Srinivasan E/IV yr<br>CSE C      |                     |   |           |  |               |
|    | SarathKumar M C/IV<br>yr CSE C   |                     |   |           |  |               |
| 37 | Dhanesh B.S/IV yr<br>CSE B       | <b>Presentation</b> | Intrusion Detection And<br>Prevention system using<br>Anomaly Behaviour   | NCETDST   | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Gowtham M/IV yr<br>CSE B         |                     |   |           |  |               |
|    | Mohammad<br>Afridi/IV yr CSE B   |                     |   |           |  |               |

|    |                                   |                     |  |            |  |               |
|----|-----------------------------------|---------------------|--|------------|--|---------------|
| 38 | Kishore M /IV yr<br>CSE A         | <b>Presentation</b> | Advanced traffic<br>signalling system using<br>machine learning                        | NCETDST    | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Lava Kumar Reddy<br>P/IV yr CSE A |                     |  |            |  |               |
|    | Jagadesh S/IV yr<br>CSE A         |                     |  |            |  |               |
| 39 | Janakiraman H/IV yr<br>CSE C      | <b>Presentation</b> | IOT Based Cyber<br>defensive industrial<br>control system                              | ICONSET'18 | JEC                                    | 23,24-03-2018 |
|    | Ezhilarasan S/IV yr<br>CSE C      |                     |  |            |  |               |
|    | Sajjad Alam/IV yr<br>CSE C        |                     |  |            |  |               |
| 40 | Soundarya.V/IV yr<br>CSE B        | <b>Presentation</b> | An Heuristic approach in<br>dispersed medicinal<br>cloud service figuring<br>framework | ICONSET'18 | JEC                                    | 23,24-03-2018 |
|    | Janani.P/IV yr CSE B              |                     |  |            |  |               |
|    | Ranjani.P/IV yr CSE<br>B          |                     |  |            |  |               |
| 41 | Swarnalatha M/IV yr<br>CSE A      | <b>Presentation</b> | Aadhaar card based<br>health records monitoring<br>system                              | NCETDST    | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Sreesaila B /IV yr<br>CSE A       |                     |  |            |  |               |
|    | Abinaya K/IV yr<br>CSE A          |                     |  |            |  |               |
| 42 | Ajith G /IV yr CSE C              | <b>Presentation</b> | IOT based fire deduction<br>and safety navigation<br>system                            | NCETDST    | Velammal<br>Institute of<br>Technology | 14-03-2018    |
|    | Sudharsan J/IV yr<br>CSE C        |                     |  |            |  |               |
|    | Dhilipan Arvind S/IV<br>yr CSE C  |                     |  |            |  |               |
| 43 | Jeyaselvi C/IV yr<br>CSE C        | <b>Presentation</b> | An information search for<br>review through data<br>analytics                          | ICONSET'18 | JEC                                    | 23,24-03-2018 |
|    | Preetha A S/IV yr                 |                     |  |            |  |               |

|    |                          |                     |   |         |                                  |            |
|----|--------------------------|---------------------|---|---------|----------------------------------|------------|
|    | CSE C                    |                     |   |         |                                  |            |
|    | Swathi K/IV yr CSE C     |                     |   |         |                                  |            |
| 44 | Ilakkiya.R /IV yr CSE C  | <b>Presentation</b> | Perceiving spam zombie by checking dynamic message          | NCETDST | Velammal Institute of Technology | 14-03-2018 |
|    | Nandhini.D.R/IV yr CSE C |                     |   |         |                                  |            |
|    | Maheshwari.M/IV yr CSE C |                     |   |         |                                  |            |
| 45 | Aravind R/IV yr CSE B    | <b>Presentation</b> | Optimization Of Map Reduce Function On Hadoop with iShuffle | NCETDST | Velammal Institute of Technology | 14-03-2018 |
|    | Suriya B/IV yr CSE B     |                     |   |         |                                  |            |

### STUDENTS ACHIEVEMENTS

| <i>S. No</i> | <i>Name of Students</i> | <i>Event name/Organization</i>   | <i>Event Type</i>   | <i>Date</i> | <i>Winner/Runner/Participated</i> |
|--------------|-------------------------|--|---------------------|-------------|-----------------------------------|
| 1            | Akash Kumar             | State Level Skill Summit program in Sri Nallalaghu Nadar Polytechnic College | Project Expo        | Feb-2018    | III prize                         |
|              | Mohammad Ziaudian       |  |                     |             |                                   |
|              | Kartheeswaran           |  |                     |             |                                   |
|              | Surendar                |  |                     |             |                                   |
| 2            | Gayathri. S             | Reverse Coding Competition, IIT Madras                                       | Workshop            | Jan-2018    | Participated                      |
|              | Harini.V.L              |  |                     |             |                                   |
|              | Sruthi.V                |  |                     |             |                                   |
| 3            | Gayathri. S             | Networking Workshop, CIT   | Workshop            | Jan-2018    | Participated                      |
|              | Harini.V.L              |  |                     |             |                                   |
|              | Sruthi.V                |  |                     |             |                                   |
| 4            | G. Anusha               | Project Competition, VCET  | Project Competition | Feb-2018    | Participated                      |
|              | S. Gitanjali            |  |                     |             |                                   |

|    |                  |   |                          |          |              |
|----|------------------|---|--------------------------|----------|--------------|
|    | R. Anitha        |   |                          |          |              |
| 5  | K. Kanishkar     | Intercollegiate IEEE Project Contest 2018, VCET                   | Project Competition      | Feb-2018 | II prize     |
|    | J. Jeya Guru     |   |                          |          |              |
|    | M.Tahier Hussain |   |                          |          |              |
| 6  | S. Poojitha      | Deep Learning , Anna University                                   | Workshop                 | Feb-2018 | Participated |
|    | K.Deepika Shree  |   |                          |          |              |
| 7  | B.Saritha        | Panimalar Institute of Technology                                 | Debuging, Quiz           | Feb-2018 | Participated |
|    | K.R.Haritha      |   |                          |          |              |
|    | S.varsha         |   |                          |          |              |
| 8  | M.Janani         | Panimalar Institute of Technology                                 | Debuging, Technical Quiz | Feb-2018 | Participated |
|    | S.Divyashri      |   |                          |          |              |
| 9  | S.Aadhithya      | Anna University   | Kurukshethra             | Jan-2018 | Participated |
|    | V.Sivapriya      |   |                          |          |              |
|    | R.sona           |   |                          |          |              |
| 10 | S.varsha         | Madras Institute of Technology                                    | Debuging                 | Feb-2018 | Participated |
| 11 | V.Sivapriya      | IIT-DM  | Designing Workshop       | Dec-2018 | Participated |
| 12 | S.Catherine      | Oriental University   | Project Competition      | Mar-2018 | Participated |
|    | B.K.Vihyaa       |   |                          |          |              |
|    | K.Nivetha        |   |                          |          |              |
| 13 | Sai Vaishnavi    | Anna University   | Workshop                 | Feb-2018 | Participated |
|    | K. Nivetha       |   |                          |          |              |
|    | S. Catherine     |   |                          |          |              |
|    | B. K. Vihyaa     |   |                          |          |              |
| 14 | R. Aravind Kumar | Project Competition, Velammal College of Engineering & Technology | Project Competition      | Feb-2018 | Participated |
|    | S.Malmurugan     |   |                          |          |              |
| 15 | R.Aravind Kumar  | Rajalakshmi Institute of Technology                               | Symposium                | Apr-2018 | Participated |
|    | M. Siva Sankaran |   |                          |          |              |

|    |                  |                                     |                                       |          |              |
|----|------------------|-------------------------------------|---------------------------------------|----------|--------------|
|    | S. Karthick      |                                     |                                       |          |              |
|    | S.Siva           |                                     |                                       |          |              |
| 16 | J. Jeya guru     | Chennai Institute of Technology     | Network Workshop                      | Mar-2018 | Participated |
|    | K. Kanishkar     |                                     |                                       |          |              |
| 17 | Roshan.P.R       | Anna University                     | Symposium                             | Feb-2018 | Participated |
| 18 | Ram Sharan .T .k | Rajalakshmi Institute of Technology | Symposium                             | Apr-2018 | Participated |
|    | Abarajithan .S   |                                     |                                       |          |              |
|    | Keerthi Vasan. S |                                     |                                       |          |              |
|    | Jaya Santosh.H   |                                     |                                       |          |              |
|    | Chensu Babu.N    |                                     |                                       |          |              |
| 19 | D. Sravan Kumar  | IIT Madras                          | Deep Learning Android App Development | Jan-2018 | Participated |
| 20 | K. Lokeshwaran   | Anna University                     | Workshop                              | Feb-2018 | Participated |
|    | S. Dinesh Kumar  |                                     |                                       |          |              |
|    | A. Kavi Bharathi |                                     |                                       |          |              |

### SOFT SKILLS TRAINING

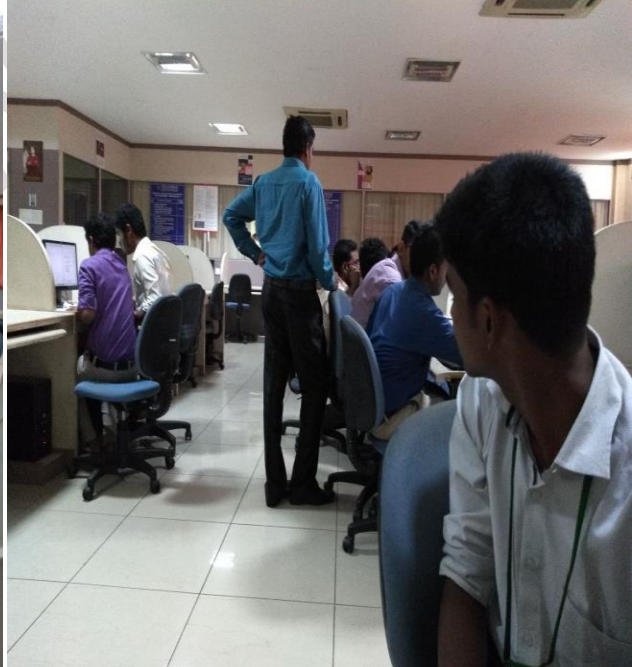
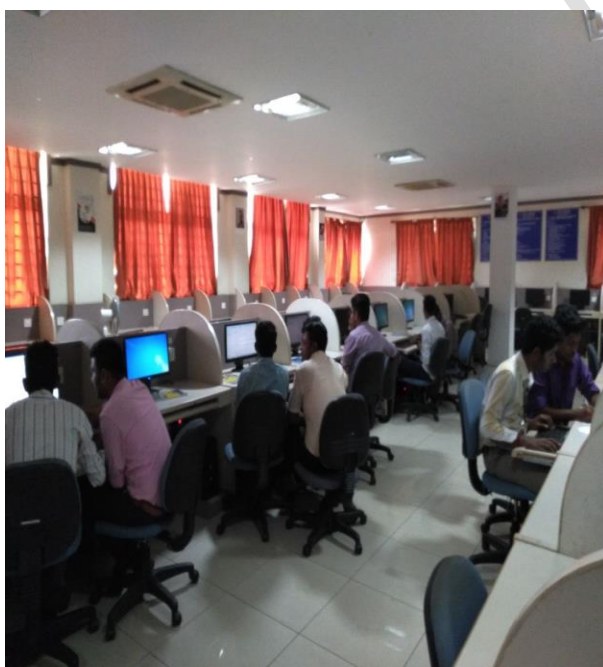


Soft Skills Training Conducted for III yr CSE A,B section Students on January-2018 for 2 days



**CSI – PROFESSIONAL SOCIETY ACTIVITY**

Computer Society of India (CSI) and Department of Computer Science and Engineering has organized a Poster Presentation at Velammal Institute of technology held on 24-01-2018.







Computer Society of India (CSI) and Department of Computer Science and Engineering has organized a Coding Contest at Velammal Institute of technology held on 24-01-2018.



**UNIVERSITY RANK HOLDERS**

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| <b>GEETHA VARSHA K C</b>   | <b>JAYATHILAGA R</b>  | <b>ISWARIYA P</b>  | <b>SREELAKSHMI R</b>  |
|    |    |    |    |
| <b>CGPA:9.03</b>   | <b>CGPA: 8.98</b>   | <b>CGPA: 8.97</b>  | <b>CGPA: 8.96</b>   |
| <b>RANK:8</b>  | <b>RANK:12</b>  | <b>RANK: 13</b>  | <b>RANK: 14</b>   |
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|   |   |   |   |
| <b>CGPA: 8.88</b>  | <b>CGPA: 8.81</b>   | <b>CGPA: 8.8</b>   | <b>CGPA:8.79</b>  |
| <b>RANK: 20</b>  | <b>RANK: 27</b>   | <b>RANK: 28</b>  | <b>RANK: 29</b>   |
| <b>JOTHI SHREE T V</b>   | <b>KANAKA M</b>   | <b>MOHANALAKSHMI N</b>   | <b>PRAISELIN LYDIA G</b>  |
|  |  |  |  |
| <b>CGPA: 8.77</b>  | <b>CGPA: 8.74</b>   | <b>CGPA: 8.73</b>  | <b>CGPA: 8.7</b>  |
| <b>RANK: 31</b>  | <b>RANK: 34</b>   | <b>RANK: 35</b>  | <b>RANK: 38</b>   |

| VAISHNAVI R  | SOWNDARIYA D  | VANITHA G  | LAKSHMI ANUSHA S  |
|--|---|--|---|
|  |  |  |  |
| <b>CGPA: 8.68</b>  | <b>CGPA: 8.66</b>   | <b>CGPA: 8.66</b>  | <b>CGPA: 8.66</b>   |
| <b>RANK: 40</b>  | <b>RANK: 42</b>   | <b>RANK: 42</b>  | <b>RANK: 42</b>   |

| NITHYA V  | LAKSHMI PRIYA S  | VIGNESHWAR N S  |
|---|--|---|
|  |  |  |
| <b>CGPA: 8.62</b>   | <b>CGPA: 8.59</b>  | <b>CGPA: 8.59</b>   |
| <b>RANK: 46</b>   | <b>RANK: 49</b>  | <b>RANK: 49</b>   |

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# VELAMMAL

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## INSITUTE OF TECHNOLOGY

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**