

# ERODE SENGUNTHAR

ENGINEERING COLLEGE

THUDUPATHI, ERODE - 638 057

EVEN SEMESTER

Department of Computer Science & Engineering

NEWS BULLETIN 2017 - 18

VOL. VII, No. II

Half Yearly

June 2018

Organized a Guest Lecture on “Software Industry Expectations” on 22.01.2018. Mr. M. Nirmal Kumar, System Engineer, LTI, Mumbai was the resource person.



**Mr. M. Nirmalkumar, System Engineer, LTI, Mumbai handled the session**

Organized a Guest Lecture on Software Testing” on 03.02.2018. Mr. U. Mageshkumar, Software Engineer (Quality Assurance), Exterro Consulting, Coimbatore was the resource person.

Organized an expert Lecture for the Subject “Digital Signal Processing” on 17.02.2018. Mr. Isakkirajan, Professor, Department of Instrumentation and Control Engineering, PSG College of Technology, Coimbatore was the resource person.



**The students of Third year have attended the Guest lecture**

Organized an Expert Lecture on “ Probability and Queuing theory” on 28.02.2018.

Mr. U . Krishnasamy, Retired Professor , I.R.T.T. Chithode was the resource person.



**Prof. U.Krishnasamy,Retired Professor(IRTT,Erode) gave the expert lecture**

Organized ICMR sponsored workshop on “ Virtual Reality and its applications in Healthcare Industry” from 02.03.2018 to 03.03.2018. Dr. S. Kannimuthu, ASP/CSE, Karpagam College of Engineering, Coimbatore was the resource person.



**Dr. S. Kannimuthu, Associate Professor, Computer Science and Engineering,  
Karpagam College of Engineering, Coimbatore was handling the session**

Organized a Guest Lecture on “ Cloud Computing and Network based Information system” at INFLIBNET Centre: An overview” on 05.03.2018. Mr. Raja Viswanathan, Scientist-B (Computer Science), IUC of UGC, Gujarat was the resource person.



**The students were attending the session**



## Journal publications by the faculty members

Mr. R. Karunamoorthi, Assistant Professor has published a paper on An Ontology and Rough Sets based search engine for Efficient Grid Service Discovery in the European Journal of Pharmaceutical and Medical Research, pp. 287-295, ISSN.2394-3211 Impact Factor 4.161  
[http://www.ejpmr.com/admin/assets/article\\_issue/1509360882.pdf](http://www.ejpmr.com/admin/assets/article_issue/1509360882.pdf)

Dr. V. Venkatachalam, Professor, has published a paper on Popularity based Hierarchical prefetching technique for P2P video-on-demand “,Multimedia Tools and Applications in Springer US , ISSN 1380-7501(Print), ISSN 1573-7721(Online) Impact Factor 1.530 <https://dl.acm.org/citation.cfm?id=3236570>

Mr. G. Sivakumar, Associate Professor, has published a paper on Popularity based Hierarchical prefetching technique for P2P video-on-demand “,Multimedia Tools and Applications in Springer US , ISSN 1380-7501(Print), ISSN 1573-7721(Online) Impact Factor 1.530 <https://dl.acm.org/citation.cfm?id=3236570>.

Dr. V. Venkatachalam, Professor, has published a paper on Artificial Bee Colony based Data Scheduling for Peer to Peer Network Video on Demand System in the Journal of Computational and Theoretical Nanoscience, American scientific Publishers , ISSN: 1546-1955 (Print): EISSN: 1546-1963 (Online)”, Volume 14, Number 12, December 2017 Impact Factor 1.42, <https://www.ingentaconnect.com/contentone/asp/jctn/2017/00000014/00000012/art00035>.

Mr. G. Sivakumar, associate Profesor has published a paper on Artificial Bee Colony based Data Scheduling for Peer to Peer Network Video on Demand System in the Journal of Computational and Theoretical Nanoscience, American scientific Publishers , ISSN: 1546-1955 (Print): EISSN: 1546-1963 (Online)”, Volume 14, Number 12, December 2017 Impact Factor 1.42, <https://www.ingentaconnect.com/contentone/asp/jctn/2017/00000014/00000012/art00035>.

Ms. C.Kavitha, Assistant Professor (Selection Grade – I) has published a paper on “An Effective Mechanism for Medical Images Authentication Using Quick Response Code” in Springer Nature in Cluster Computing, ISSN: 1386-7857, Page No. 1905-1909,

,<https://sciforum.net/paper/view/048849a43a2557f24efe1a6020f617b7> ,

Ms. C.Kavitha, Assistant Professor (Selection Grade – I) has published a paper on “Secure Medical Image detection in Future Health Informatics” in Journal of Medical Imaging and Health Informatics, ISSN:2156-7018 (Print): EISSN: 2156-7026 (Online), Impact Factor: 0.621, [doi.org/10.1007/s10586-018-1905-9](https://doi.org/10.1007/s10586-018-1905-9).

Dr. V. Venkatachalam, Professor, has published a paper on “An Efficient Classification and Segmentation of Brain Tumor Images Using Fuzzy Approach with Optimization Technique” in Journal of Medical Imaging and Health Informatics, ISSN: 2156-7018 (Print): EISSN: 2156-7026 (Online), Vol. 1, Page No. 1-12, Impact Factor: 0.621 <https://doi.org/10.1166/jmihi.2017.2073>.

Dr. V. Venkatachalam, Professor, has published a paper on “A strategic performance of virtual task scheduling in multi cloud environment ” in Journal of Cluster Computing , ISSN: 1386-7857, Page No. 1-7, Impact Factor: 1.570 , <https://link.springer.com/article/10.1007/s10586-017-1268-7> .

Dr. V. Venkatachalam, Professor, has published a paper on “Trust Management Scheme for Authentication in Secure Cloud Computing using Double Encryption Method ” International Journal of Business Intelligence and Data Mining , 1(1):1 · January 2017 [https://www.researchgate.net/publication/320072661\\_Trust\\_Management\\_Scheme\\_for\\_Authentication\\_in\\_Secure\\_Cloud\\_Computing\\_Using\\_Double\\_Encryption\\_Method](https://www.researchgate.net/publication/320072661_Trust_Management_Scheme_for_Authentication_in_Secure_Cloud_Computing_Using_Double_Encryption_Method)

### **Conferences attended by the faculty members**

Dr. P. Venkateswari, Professor and Head has presented a paper on Avoid duplicate entries of repeating data in hybrid cloud storage using convergent encryption techniques in Seventh sense research group Inter National Conference.

Mr. G. Sivakumar, Associate Professor has presented a paper on Analysis of Hadoop workload characterization in Seventh sense research group Inter National Conference.

Mr. C. Balasubramaniam, Assistant Professor ( Senior Grade ) has presented a paper on Fuzzy logic based polymer waste management in Seventh sense research group Inter National Conference.

Ms. C. Kavitha, Assistant Professor ( Selection Grade-I ) has presented a paper on

Implementation of virtual reality techniques in Industries in Seventh sense research group Inter National Conference.

Ms. T. Kalaiselvi, Assistant Professor ( Selection Grade-I ) has presented a paper on Review on exploring the limitations and challenges of large scale cloud computing in Seventh sense research group Inter National Conference.

Mr. K. A. Dhamocharan, Assistant Professor ( Senior Grade ) has presented a paper on Cooperative statistical traffic Bigdata classification with machine learning in Seventh sense research group Inter National Conference.

Mr. D. Vijayababu, Assistant Professor has presented a paper on Integrating wireless sensor networks with mobile applications in Seventh sense research group Inter National Conference.

Mr. R. Karunamoorthi, Assistant Professor has presented a paper on IoT Concept for smart system monitoring Agricultural land. in Seventh sense research group Inter National Conference.

Ms. N. S. Kavitha, Assistant Professor has presented a paper on An effective retinal image analysis to diagnose stargardt disease using automated algorithm. in Seventh sense research group Inter National Conference.

Ms. R. Thangamani, Assistant Professor has presented a paper on Statistical analysis of road accident data using Data mining techniques in Seventh sense research group Inter National Conference.

Ms. D. Sathya, Assistant Professor has presented a paper on Efficient clustering technique with feature reduction mechanism for network anomaly detection in Seventh sense research group Inter National Conference.

Ms. B. A. Lathika, Assistant Professor has presented a paper on Control of photo sharing in groups on online social networks in Seventh sense research group Inter National Conference.

Mr. S. S. L. DuraiArumugam, Assistant Professor has presented a paper A cost benefit analysis of communication to wireless sensor network in under ground hard rock mines. in Seventh sense research group Inter National Conference.

Ms. N. S. Kavitha, Assistant Professor has presented a paper on Secure data aggregation scrutiny ( SDAS ) through orthogonal set verification (CSV) method for wireless sensor networks in Seventh sense research group Inter National Conference.

S. Shankar and S. Narendran of Third year have participated in power point presentation and workshop in Indian Institute of Technology, Madras from 04.01.2018 to 06.01.2018.

V.Shanmugam, B.Marimuthu, T.Dhivya, R.Ramya, K.Srishankari, Yoganantham, Gowtham, M, Kaviyarasan, Marimuthu, Sudharsan, Satheesh, Nandhagopal and Bhuvaneshwaran of Third year have participated in the workshop in Indian Institute of Technology, Madras from 04.01.2018 to 06.01.2018.

S.Shankar, S. Narendran, A. Kaviyarasan and B. Marimuthu of Third year have participated in power point presentation contest in Bannari Amman Institute of Technology, Sathy from 24.01.2018 to 25.01.2018.



P. Gowthaman of Third year has participated in the event in Bannari Amman Institute of Technology, Sathy from 24.01.2018 to 25.01.2018. He won the First prize.

K. Abarna, S. Gayathri, P. Balanandhini, P. Shivashankar and G. Alagumalaikannan of Final year have participated in the power point presentation contest in Periyar Maniammai University, Thangavur from 24.01.2018 to 25.01.2018.

T. Dhivya, L. Kowsalya and R. Ramya of Third year have attended a workshop in S N S College of Technology, Coimbatore on 07.02.2018.

R. Arunkumar, V. Gowthaman, A. Sudharsan, S. Gokul and D. Sundarrajan of Third year have participated in the workshop in KGiSL, Coimbatore on 15.02.2018.

S. Snakar and S. Narendran of Third year have participated in the power point presentation event in Sasurie college of Engineering, Tirupur on 16.02.2018. They won First prize.

S. Narendran of Third year has participated in the event- Code Red in Sasurie college of Engineering, Tirupur on 16.02.2018. They won First prize.

V. Abirami, T. Dhivya, M. Durga, M. Ragini and R. Ramya of Third year have participated in the event - Quiz in Hindustan College of Engineering and Technology, Coimbatore on 10.02.2018.

V. Abirami, T. Dhivya, M. Durga, M. Ragini and S. Ramya of Third year have participated in the event - Code debugging in Hindustan College of Engineering and Technology, Coimbatore on 10.02.2018.

M. Ragini of Third year has participated in the event – GYAN Mitra in Mepco Schlenk Engineering college, Trichy from 16.02.2018 to 17.02.2018.

M. Ragini of Third year has attended a workshop on windows app development in Mepco Schlenk Engineering college, Trichy from 16.02.2018 to 17.02.2018.

T. Dhivya and R. Ramya of Third year have participated in the power point presentation on Big Data in Dhirajlal Gandhi College of Technology, Salem on 24.02.2018. They got First prize.

M. Sindhu of Second year has participated in the power point presentation on Information Technology in Builders Engineering College, Kangeyam from 21.02.2018



to 22.02.2018.

N. Subalakshmi and M. Sindhu of second year have participated in the power point presentation on Information Technology in Selvam College of Technology, Namakkal on 23.02.2018.

M. Sakthivel and M. Niveaa of Second year have participated in the power point presentation on Bio-Sensor in Selvam College of Technology, Namakkal on 23.02.2018.

A. Priyanka, Kumar Satyam and I. Gowtham of Third year have attended a workshop on Challenging & Modern Techniques in Realising Complex Infrastructure in Satish Dhawan Space Centre SHAR, ISRO, Sriharikotta-Chennai Chapter on 05.03.2018.

S. Gowtham, G. Alagumalaikannan and S. Mageswaran have participated in the code debugging event in Hindustan College of Engineering and Technology, Coimbatore on 16.03.2018.

M. Rajkumar and S.Gowtham of Final year have participated in the powerpoint presentation event on Wireless operated fire extinguisher with water jet spray in Hindustan College of Engineering and Technology, Coimbatore on 16.03.2018.

K. Indhumathi of Final year has participated in the power point presentation event in Hindustan College of Engineering and Technology, Coimbatore on 16.03.2018.

M. Kavin, S. Mageswaran, G. Alagumalaikannan and C. Ravishankar of Final year have participated in the power point presentation event on creative paper in Hindustan College of Engineering and Technology, Coimbatore on 16.03.2018.

S. Mageswaran, C. Ravishankar, G. Alagumalaikannan and M. Kavin of Final year have participated in the power point presentation event on Conversion of Early Tamil Brahmi characters into modern characters in Hindustan College of Engineering and Technology, Coimbatore on 16.03.2018.

A. Kavitha and A. Priyadharshini of Second year have attended in the National Seminar on Smart Health Prediction using Data Mining in Vivekanandha College of Engineering for women from 09.03.2018 to 10.03.2018.

### Extra curricular activities of the students

M. Anbarasu of Third year has participated in the Tamil speech/ essay competition in Erode Sengunthar Engineering College, Erode on 23.01.2018.

S. Sulochana, R. Anand, V. Kaviyaran, V. Satheeskumar and C. Ravishankar of Final year have participated in the Tamil speech/ essay competition in Erode Sengunthar Engineering College, Erode on 23.01.2018.

R. Snega, A. Priyadharshini, C. Tamilarasi, M. Sakthivel and S. Visu of Second year have participated in the Tamil speech/ essay competition in Erode Sengunthar Engineering College, Erode on 23.01.2018.

M. Sakthivel of Second year has participated in the Tamil Competition “Yaal Lagaram” in Kongu Engineering College, Perundurai on 24.01.2018.

R. Ramya of Third year has participated in the English Literary Association event in Erode Sengunthar Engineering College, Erode on 02.02.2019.

S. Visu, K. Gowtham, M. Niveaa, G. Kowsalya, P. B. Guruprasad, M. J. Ajaypranav, R. Barathkumar and K. Prasaath have participated in the English Literary Association event in Erode Sengunthar Engineering College, Erode on 02.02.2019.

### Placement Details

S. No.	Academic Year	No. of Students on Roll	No. of Students Placed	% of Students Placed	No. of students placed in core industry	Pay package Min - Max
2017-18	41	38	92.68	27	1 Lac to 3.5 Lacs	2017-18

### Number of companies visited

S. No.	Name of the Company	No. of Students Placed	Salary per Annum (in Rs.)
1	Aagna Solutions	01	1,00,000
2	Surya Informatics	04	1,50,000
3	Future Generali	07	2,50,000
4	GoDB Technologies	01	2,04,000
5	Zencorp	07	1,44,000
6	Aspire Systems	01	2,80,000
7	American Mega Trends Inc..	01	3,00,000
8	Amazon	02	1,62,000
9	Data Zoic	03	2,04,000
10	Skylink Technologies	04	3,50,000
11	Softsquare Technology Solution	02	1,80,000
12	Gemini Systems	02	2,40,000
13	Infiniti Software	01	1,92,000
14	AB Academy	01	1,20,000
15	Velan Info Services	01	1,20,000

FACULTY EDITOR

**Mr. K.A. DHAMOTHARAN,**

Assistant Professor. (Senior Grade) / CSE

STUDENT EDITOR

**C. RAVISHANKAR, Final year CSE**

## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **Vision**

**Department of Computer Science and Engineering of Erode Sengunthar Engineering College is committed to provide our students a world-class Technical Education and make them competent, creative, Self-made scholar and socially responsible professionals.**

### **Mission**

**DM1: To make our students proficient in the fields of hardware, software, and web technology besides value-added courses.**

**DM2: To promote research temperament.**

**DM3: To provide training to enhance the soft skills of students and faculty.**

**DM4: To feed industries with high caliber Computer Science Engineers.**

### **Program Educational Objectives (PEOs)**

- 1. To impart the core competence by laying strong Foundation in Mathematics and core Computer science subjects and to make them as expertise in their profession.(Core Competence)**
- 2. To produce quality graduates,who will have socially responsible and professionally behave with moral ethics,human values with soft skills and get employment in Core computer/IT/ITES.(Professional Employment & Citizenship)**
- 3. To mould the students to innovate new ideas/create new applications/thrust area projects.(Self Learning and Life Long Learning)**
- 4. Enable to know the basics of related interdisciplinary Engineering Course.(Breadth)**

