



P.S.R. ENGINEERING COLLEGE



An Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to Anna University
(Accredited by NBA, NAAC & Listed under 12 (B) of the UGC Act 1956)

Sivakasi - 626 140, Virudhunagar (Dt), Tamil Nadu.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROUDLY PRESENTS

NEWS LETTER

JULY - DEC 2018



CSE NEWSLETTER JULY-DEC 2018



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DEPARTMENT OF CSE



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HOD/CSE

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AP/CSE

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Mr.C.Kasirajapandian
IV-CSE

Ms.R.Muthupreetha
IV-CSE

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Veerasamy, Director Centre for Computer Science Education & Outreach, University of Texas, Dallas delivered guest lecture on Jun 26 2018.

DEPARTMENT ACTIVITIES

Our College organized International Conference on Recent Trends in Engineering Education “ICRTEE” jointly organized by NITTTR Chennai on Oct. 05 2018.



Our Department organized Guest Lecture on “Graphical Introduction to Object Oriented Programming” for III year students. Dr.Jey Keesavan

Our Department has Organized National Level Technical Symposium “RITHWHIR2k18” during Sep. 28 2018. Mr.Katuva Mohideen and Arunkumar, Project Manager at UNIQ Technologies, Chennai was chief guest. More than 150 various engineering college



Our Department organized Webinar on “How to Help Your Students To Crack the Code Vita 2018 “ for III year and IV year students on Jun 28 2018. Mr. Hemnath Kumar, FACE was resource person.

Our Department organized Guest Lecture on “Big Data Analytics Tools” delivered by Mr.S.Muthu Saravanakumar, Technical Manager at One Byte

Our department organized Guest Lecture on “Machine Learning” delivered by LiveWire, Sivakasi on Oct. 08 2018. The III year students participated in this event.

Our department organized Guest Lecture for enhancing skill of the III year students on Sep. 05 2018. Mr.D.Ranjithkumar, CEO, Bevywise Networks was



DEPARTMENT ACTIVITIES

Our Department organized Guest Lecture on “**How to Overcome the Struggles of Student in Campus Placement**” for III year students on Sep. 13 2018. Mr.Arunjunai Prakash, Sr.Software Developer. NTT Data Solutions, Chennai was resource person.



Our Department organized Webinar on “**Adobe Cool new design tool** “ for IV year students on Jul 11 2018. Mr.Jason Grant, Adobe’s Solution Consultant was resource person.



Our Department has organized one day training program on “**Industry Oriented Technical Training**” during Jul 09 2018. Mr.Vijaya Sankar & SaiGeetha, Aurora Techno Vision was resource person.



Our Department and CAFÉ jointly organized Guest Lecture on Aug 24 2018 for enhancing skill of the III year students in the area of artificial intelligence. Mr. Mahalakshmi, Programme Head-CADD Centres delivered guest lecture on the topic “**Machine Learning**”.



Our Department organized workshop on “**Research Avenues of Neural Networks in Engineering and Technology**” for faculty member on Nov. 24 2018. Dr.Narashiman Sundararajan, Professor at School of Electrical and Electronic Engineering, Nanyang Technological University was Chief Guest.



Our Department organized Guest lecture on “**How to Overcome the Struggles of Student in Recent Technologies**” for III year students on Sep. 01 2018. Mr.K.Lakshmana Sathish and Mr.R.Keerthickumar (Alumini-2017) was resource person.

Our Department organized Guest Lecture on “**Placement Tips for JMAN Industry**” for IV year students on Sep. 20 2018. Mr.Vijaya Sankar & Sai Geetha, Aurora Techno Vision delivered guest lecture.

Our Department organized workshop on “**Tips and Tricks in MS-Office**” on Nov. 20 2018. Dr.K.RubaSoundar and Mr.D.Arun Shunmugam was resource person and faculty members participated in this event.

ACTIVITIES BY OUR FACULTY

HIGHER DEGREE AWARDED

- ◆ Dr.A.Ramathilagam, Asso. Prof. received her Ph.D. degree from Anna University, Chennai during Sep 2018.
- ◆ Dr.S.Amutha, Asso. Prof. received her Ph.D. degree from Anna University, Chennai during Dec 2018.

INTERNATIONAL JOURNALS

- Dr.K.RubaSoundar, Dr.S.Singaravelan, Dr.R.Arun, D.ArunShunmugam, "Analysis of Classification Algorithms on Different Datasets", Review of Innovation and Competitiveness Journal of Economic and Social Research" 2018.
- Dr.K.RubaSoundar, "Classification with map reduce based deep belief network ", International journal of applied engineering research, 2018.
- Dr.RubaSoundar, " E-Learning image compression using K-means-BTC in public cloud", International journal of current engineering and scientific research, 2018.
- Dr.K.RubaSoundar, " An enhanced hybrid domain downlink scheduling", Cognitive systems research, 2018 .
- Dr.S.RajaSoundaran, " Secure door lock system based on fingerprint authentication", Journal of advanced research in dynamical and control systems, 2018.
- Dr.S.Amutha, " Secured energy optimized ad hoc on demand distance vector routing protocol", Journal of Computer and electrical engineering, 2018.
- Guru Prakash B, Sukumar R, Balasubramanian C," A Swarm Intelligence Based Clustering Technique with Scheduling for The Amelioration of Lifetime in Sensor Networks", Wireless Personal Communications, Vol.103, Issue.2, 2018.
- Palanikumar R, Ramasamy K," Effective Failure Nodes Detection Using Matrix Calculation Algorithm in Wireless Sensor Networks", Cluster computing, Vol.22, pp. 12127–12136, 2018.

- Pavithra, Ramathilagam A, "Scheduling for Workflows with Security Sensitive Intermediate Data by Selective Tasks Duplication in Clouds", International Journal of Advanced Research in Management, Architecture, Technology and Engineering, Vol 4 Issue 5, pp.1-8 , 2018.
- Srinivasaragavan, P, Ramasamy, K (2018), "Optimized routing in wireless sensor networks by establishing dynamic topologies based on genetic algorithm", Cluster Computing: The Journal of Networks, Software Tools and Applications, Springer, vol. 21, Issue 6, pp. 1-7, 2018.

CONFERENCE:

- ◇ R Arun, "Web Based security lock system for home appliances" 5th International Conference Vemana Institute of Technology, Bengaluru , 9&10 Aug 2018.
- ◇ R.Aarthi, K.RubaSoundar, "Analysis of Network Attack and Mitigation of Energy Times of Wireless Nodes", Proceedings of International Conference on Recent Trends Engineering Education held at PSR Engineering College on Oct 05-06 2018.
- ◇ Dr.S.Singaravelan, "Dual Sentiment Analysis: Considering Two Sides of One Review", P.S.R Engineering College, Sivakasi NITTTR, Chennai – 05 Oct 2018.
- ◇ Dr.S.Singaravelan, Dr.R.Arun, "Data Mining Performance Analysis for Effective Prediction With Different Techniques", P.S.R Engg College, Sivakasi NITTTR, Chennai–05 Oct 2018.
- ◇ Dr.Singaravelan, D.Arunshunmugam, "Efficiently Searching Nearest Neighbor in Documents Using Keywords", P.S.R Engineering College, Sivakasi NITTTR, Chennai – 05 Oct 2018.
- ◇ Dr.Singaravelan, Dr.R.Arun, D.Arun Shunmugam "Achieve Secure Scalable Privacy Protection Based Access Control Scheme in Cloud Services", P.S.R Engineering College, Sivakasi NITTTR, Chennai – 05 Oct 2018.

ACTIVITIES BY OUR FACULTY

- ◇ Dr.S.Priyadarsini, k.Angel Jean Vincy has presented a paper titled “Classification of Liver tumor in CT images using deep convolutional neural networks” organized by P.S.R Engineering. College, and NITTTR, Chennai on Oct 05-06 2018.
- ◇ Dr.A.Ramathilagam “A New improved Efficient LCGA algorithm for task Scheduling in cloud computing”, International conference on Recent Trends in Engineering Education (ICRTEE 2K18), organized by P.S.R Engineering College, Sivakasi and National Institute of Technical Teachers Training and Research (NITTTR), Chennai on 5th Nov 2018.
- ◇ M.Piramu, “Effective Sequential Classifier Training for SVM Based Multi temporal Remote Sensing Image Classification”, Proceedings of International Conference on ICRTEE-2018.
- ◇ S Edwin Raja, “Public IOT for Intelligent Transportation system”, 5th International Conference on .09th Aug 2018 at Vemana Institute of Technology, Bengaluru .
- ⊗ N.Krishnaveni has Presented a paper titled “Ethnology and Management towards Sustainability” organized by P.S.R Engineering. College, Sivakasi and National Institute of Technical Teachers Training and Research(NITTTR), Chennai on Oct 05-06 2018.
- ⊗ S.Amutha has presented a paper titled “QoS Aware Secure Data Storage and Revocation Mechanism in Cloud Computing” organized by P.S.R Engineering. College, Sivakasi and National Institute of Technical Teachers Training and Research (NITTTR), Chennai on Oct 05-06 2018.
- ⊗ S.Amutha has presented a paper titled “Optimal group key agreement scheme for social networks” organized by P.S.R Engineering. College, Sivakasi and NITTTR, Chennai on Oct 05-06 2018.
- ⊗ Mrs.R.Ramani has presented a paper titled “A Novel approaches to hand written English character,alphabet and number recognition based on neural networks” organized by P.S.R Engineering. College, and National Institute of Technical Teachers Training and Research, Chennai on Oct 05-06 2018.

KNOWLEDGE GAINED FROM VARIOUS FORUMS

- ⊗ Our Department faculties Dr.K.RubaSoundar, Dr.A.Ramathilagam,Mr.R.Palanikumar,Mr.N.KrishnaVeni,Mr.P.Raghavan, Mr.P.Gopikannan, Ms.S.Kavitha and Mrs.K.Amsaveni, attended a Faculty Development Program on “Outcome Based Education and AICTE Model Curriculum” organized by PSR Engineering College, Jul. 28 2018.
- ⊗ Our Department faculty Mr.D.Arun Shunmugam has attended a two days workshop on R Programming conducted by ICT Academy G.Vengadasmy Naidu College, Kovilpatti on Aug 22-23 2018.
- ⊗ Our Department faculty Dr.A.Ramathilagam has attended Seven days FDP On “Data Analytics” at Ramco Institute of Technology, Rajapalayam from Jun 06-13 2018.
- ⊗ Our Department faculties Dr.S.Priyadarsini and Mr. D.Arun Shunmugam attended one-day seminar on “Importance of skill enhancement of Engineering students” at M-Squared Software services on Aug 14 2018.
- ⊗ Our Department faculties Dr.S.Priyadarsini, Dr. S. Amutha, Dr. A. Ramathilagam, Mrs.K.Amsaveni, Mrs.R.Ramani, Ms.S.Kavitha, Ms.L.Vinitha and Mrs.P.Archana attended one-day workshop on “E-Learning Resource-Google Class Room on Oct 31 2018 at P.S.R. Engineering College, Sivakasi.
- ⊗ Our Department faculty Mr.D.Arun Shunmugam has attended Three days Faculty Development Program on “AICTE Sponsored FDP” organized by Francis Xavier Engineering College, Tirunelveli Jul. 26-28 2018.
- ⊗ Our Department faculty Mr.D.Arun Shunmugam, has attended one day workshop on “Enjoyable Coding Workshop” organized by PSR Engineering College, Jun. 25 2018.

ACTIVITIES BY OUR STUDENTS

- ⊗ Our Department faculties Dr.S.Priyadarsini and Mrs.R.Ramani participated in TEQIP III sponsored two days workshop on “Festival of Learning IoT and cloud organized by Thigarajar College of Engineering during Nov 15-16 2018.
- ⊗ Our Department faculties Mr.S.Edwin Raja and Mr.P.Raghavan attended Two days workshop on “Recent Trends and Research Challenges in Deep Learning” organized by Thigarajar College of Engineering, Madurai during Aug 30-31 2018.
- ⊗ Our Department faculties Mrs.K.Amsaveni, Ms.S.Kasthoori, Mrs.Archana, Mrs.K.R.Indira, Ms. A. Alagulakshmi, Ms.S.Kavitha. Mrs.M.Mareeswari and Ms.L.Vinitha attended Six days Faculty Development Program on “Instructional Design and Deliver System” organized by NITTR and PSR Engineering College, Sivakasi Aug. 06-11 2018.

PLACEMENT ACTIVITIES

- ◆ Weekly training sessions for the students by the Training and Placement Cell and regular practice on online tests are the milestones of our department. Aptitude and Technical training given to the students grooms them to perform better in campus interviews.
- ◆ Various Companies recruited students from our college in the Recruitment Drives conducted during the Academic Year 2018-2019. Totally 50 final year students are placed in the various companies.



CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

More than Hundred students from our department participated in various events organized by different institutions. The students got various prizes in different events like paper presentation, circuit debugging, sports events etc.

- ⊗ Eight students from our CSE Department attended workshop on Aug. 31 2018 at Ramco Institute of Technology.
- ⊗ Our department students G.Vigneshkumar and S.Singaraj participated one day Blood Donation Camp on Aug 24 2018 conducted by PSR Engineering College.
- ⊗ Our department III year students participated Basketball Match on Aug 30 2018 at Sri Kaleeswari Arts and Science College.
- ⊗ Our department student K.Muthu Bhavani participated poster presentation event on Sep 14 2018 at PSR Engineering College.
- ⊗ Our department students K.Kannan and S.Balakumar participated Kho-Kho zonal level on Sep 14-15 2018 at Mepco Schlenk Engineering College.
- ⊗ Four students from our CSE Department attended workshop on Sep 17-18 2018 at Sri Ramakrishna Engineering College.
- ⊗ Our department II, III and IV year students participated one-day symposium on Sep 19 2018 organized by Department of ECE, PSR Engineering College.
- ⊗ Our Department students K.Shreeram, P.Vijaychandar and T.Vignesh attended one-day workshop on Dec 08 2018 at Uniq Technology, Tirunelveli.

Let's all as a PSR CSE Family work with great zeal towards the glory and look forward for more achievements in the near future.