PSREC — CSE Newsletter

P.S.R.Engineering College

An Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NBA, AICTE, New Delhi & An ISO 9001: 2008 Certified Institution
Sivakasi - 626 140, Virudhunagar (Dt), Tamil Nadu.

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DEPARTMENT OF CSE

MESSAGE FROM THE PRINCIPAL

I am much pleased in releasing this issue of News Letter. Keeping in mind, enhancement of technical knowledge and better employability of the students, the institution shows keen interest in organizing various development programmes for staff and students. I wish, every student passing out from our College has rich blend of knowledge and skill and occupies better position in the society.

DEPARTMENT ACTIVITIES

Our College organized International Conference on Innovations in Science, Technology and Management towards Sustainability jointly organized by NITTTR Chennai on 10th November 2017.

More than 30 foreign delegates participated in this conference and delivered content about Innovation in science and Technology.

Our Department organized a Guest Lecture on 8th August 2017 for enhancing the skill of the final year students in the programming. Mr. Senthilkumar, Assistant Manager of INETZ, Chennai delivered guest lecture on the topic ".**NET**".

The Department Of CSE, ECE, EEE Jointly Organized National Level Technical Symposium **"INTELLECT 2K17"** on 15th September 2017.

Our Department has conducted various Value Added Courses like CCNA, Android, .NET, Python and PHP from 29th November 2017 to 06th December 2017 for improving programming skill of the II year, III year and IV year students.

ACTIVITIES BY OUR FACULTY

INTERNATIONAL JOURNALS

- Dr.K.Ruba Soundar Prof.& Head, CSE published papers in the following journals during July 2017 – December 2017 . Journal of Computational and Theoretical Nano Science. Vol.14, No.2, 2017 (ISSN: 1546-1955, EISSN: 1546-1963). Impact Factor: 1.666, SNP 0.944, SJR: 0.32, pp.1239-1244 and EURASIP Journal on Image and Video Processing, July 2017:49. (Impact Factor: 1.742, ISSN: 1687-5281and International Journal of Advanced Engineering Technology, Vol.VII, Issue II, April – June 2016, 1286-1292. (EISSN No. 0976-3945)(2016).

- Ms.L.Vinitha "Energy Efficient and Collision Aware Routing Algorithm for Wireless Sensor Networks" International journal of Advanced Research and Innovative Ideas in Education,Volume-3 Issue-4 2017.

- Mrs.S.Amutha and KannanBalasubramanian, Energy-Optimized Expanding Ring Search Algorithm for Secure Routing against Black hole Attack in MANETs. Journal of Computational and Theoretical Nano scienceVolume 14,Number 3 (March 2017) pp. 1294–1297 (Annexure-I).

- Dr.C.Balasubramanian, Prof. published a paper in the Elsevier, 02 Dec. 2017(Annexure-I).

CONFERENCE:

- Mr.P.Elamparithi and Dr.K.Ruba Soundar, "Optimized Black Hole Attack Detection Mechanism with Reliable and Secured Routing in MANET Environment", International Conference on Innovations in Science, Technology and Management towards Sustainability held at PSR Engineering College, Sivakasi on Nov 10, 2017.

- Ms.D.Suvathi and Dr.K.Ruba Soundar, "Image Cloud Processing for Big Data", International Conference on Innovations in Science, Technology and Management towards Sustainability held at PSR Engineering College, Sivakasi on Nov 10, 2017.

- Ms.S.Divyalakshmi and Dr.K.Ruba Soundar, "Application Aware Independent Deduplication for Big Data", International Conference on Innovations in Science, Technology and Management towards Sustainability held at PSR Engineering College, Sivakasi on Nov 10, 2017.

- Dr.K.RubaSoundar and Mr.D.JeyaSankara Kuberan, "Water Resource Preservation in Agriculture using Automated Irrigation System", International Conference on Innovations in Science, Technology and Management towards Sustainability held at PSR Engineering College, Sivakasi on Nov 10, 2017.

- Ms.S.Kavitha "Privacy Preserving Data Mining in Horizontally Distributed Database", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.

- Ms.A.Alagulakshmi"Efficient and Scalable Packet Filter with FSA" International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.

- Mr.P.Vimalkumar, Dr.C.Balasubramanian and S. Sowmiya"Extract Facial Expressions from Mouth Region using Novel Image Processing Technique " International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.

- Ms.L.Vinitha "Solar Tracking System for Coin Based Mobile Charger using ATMEL Microcontroller" International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.

- Ms.P.Ponesakki, Dr.S.Singaravelan and D.Arunshunmugam "Overview Of Bringing Sixe Based Scheduling To Hadoop" International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.

ACTIVITIES BY OUR FACULTY

- Mrs.P.Archana, D.ArunShunmugam and Dr.S.Singaravelan "Division And Replication Of Data In Cloud For Optimal Performance And Security" International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- Mrs.S.Priyadarsini,"To control the home appliances using Android based Raspberry PI", International Conference on ISTMTS-2017.
- Mrs.S.Priyadarsini," Classification of quality using Fundus Images", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- J.C.JudithVarshiniand Mrs.S.Priyadarsini," Real Time Healthcare Monitoring System Using IOT", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- R.Aarthi, Mrs.S.Priyadarsini, and Dr.D.Selvathi" Automatic Segmentation and Classification of medical Images using SVM Classifier", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- Mr.D.Arun Shunmugam, "Text based Sentiment analysisusingHadoop Map reduces framework, International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- D.Arunadevi, S.Kasthoori and Dr.S.Singaravelan, "Energy Efficient Mac Protocol With Clustered Nodes For M2m Networks", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- Mrs.KrishnavenI.N & Ms.S.Mariammal, "Study Of Various Decision Tree Algorithms", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.

- Mrs. M.Piramu," Content-Based Image Retrieval In The Cloud Image Mines", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- Mrs.Amsaveni, Mrs.R.Sujitha & Mrs.K.R.Indira, "Security Enhancement In MANET Using Game Theory Approaches", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- Mrs.M.Mareeswari , Mrs.M.Ramya & Mr.D.Arun Shunmugam" Cost-Effective Privacy Preserving Of Intermediate Data Sets In Cloud", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- M.Gayathri &Mrs.S.Amutha, "Qos Aware Secure Data Storage And Revocation Mechanism In Cloud Computing" International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- Blessing Karunya AndMrs.A.Ramathilagam, "Dual Server Public Key Encryption With Keyword Search For Secure Cloud Storage", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.
- R.Pavithra and Mrs.A.Ramathilagam, "Cloud Workflow Scheduling With Deadlines And Time Slot Availability", International Conference on Innovations in Science, Technology and Management Towards Sustainability ,10th Nov 2017.

KNOWLEDGE DELIVERY AT VARIOUS FORUMS :

- * Dr.K.RubaSoundar, HOD, CSE delivered a guest lecture on **Cyber Forensics (CS6004)** at Kalasalingam Institute of Technology, Krishnankovil on Dec. 01, 2017.

ACTIVITIES BY OUR FACULTY

* Dr.K.RubaSoundar, HOD, CSE delivered a guest lecture on **Research Trends and Innovations in Vehicular Networking and Intelligent V ehicular Communication** at National Engineering College, Kovilpatti on Oct. 13, 2017.
* Our Department faculties Mr.D.Arunshunmugam, Dr.S,Singaravelan, Dr.Arun, Mr.P.Vimalkumar organized a Seven day workshop on **Android Application Development** during Nov 29 to Dec 6, 2017.
* Our Department faculties Mrs.Priyadarsini, Mrs.M.Ramathilagam, Ms.S.Mariammal and Ms.Selvarani organized a Seven day workshop on **CCNA** during Nov 29 to Dec 6, 2017.
* Our Department faculties Mrs.N.Krishnaveni, Mrs.M.Piramu, Mrs.Mareeswari, Ms.P.Ponesakki organized a Seven day workshop on **Python Programming** during Nov 29 to Dec 6, 2017.
* Our Department faculties Mrs.K.Amsaveni, Mrs.P.Archana, Mrs.K.R.Indira, s.Alagulakshmi, MrP.Chandramohan organized a Seven day workshop on **.NET Package** during Nov 29 to Dec 6, 2017.
* Our Department faculties Mrs.S.Amutha, Mrs.R.Sujitha, Ms.L.Vinitha, Ms.S.Kavitha organized a Seven day workshop on **Web Application Development using PHP** during Nov 29 to Dec 6, 2017.

KNOWLEDGE GAINED FROM VARIOUS FORUMS

⊗ Our Department faculties Mrs.N.Krishnaveni, Mrs.M.Ramya, attented a two days workshop on Python Programming at Anna University during Aug. 21& 22, 2017.

⊗ Our Department faculties Mr.P.Vimal Kumar, Ms.A.Alagulakshmi, attented a Faculty Development Program on Cyber Forensics at Kalasalingam Institute of Technology, Dec. 01 2017.

⊗ Our Department faculties Dr.K.RubaSoundar, Dr.S,Singaravelan, Mrs.N.Krishnaveni, Mr.S.Edwin Raja, Mrs.P.Archana attented a two days workshop on R Programming conducted by ICTACT during Dec. 19 & 20, 2017.

we are all ready to work with great determination towards the glory of success in the near future.

ACTIVITIES BY OUR STUDENTS

CO-CURRICULAR ACHIEVEMENTS OF STUDENTS :

Fourty Five 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 etc.

◊ Five students from our CSE Department attended symposium on 24 Aug. 2017 at Renganayagi Varatharajan College of Engineering.

◊ Our CSE Department student M.Malathi has attended one day workshop on 27 Aug. 2017 at Microsoft Research Group, Chennai.

◊ Our CSE Department student Ms.K.MuthuBhavani, S.Priyadharshini has attended one day workshop on 08 Sep. 2017 at Ramco Institute of Technology.

◊ Our CSE Department student Ms.P.Mahalakshmi, K.Malathi, M.Archana, K.Archana has attended symposium on 08 Sep. 2017 at AAA College of Engineering.

◊ Our CSE Department student R.Guruganesh, A.Mano Ranjan, K.Gugan has attended five days workshop from 04 Sep. to 09 Sep. 2017 at Thiagarajar College of Engineering.

◊ Our CSE Department student Mr.M.RajkiranPandi, has attended Symposium on 09 Sep. 2017 at PSN College of Engineering & Technology.

◊ Our CSE Department student Mr.M.Ayyappan, Mr.M.RajkiranPandi has attended Coding Contest Program on 27 Sep. 2017 at Ramakrishna College of Technology.

◊ Our CSE Department student K.MuthuBhavani, M.Deshiya Narayan has attended symposium on 30 Sep. 2017 at Rajas Engineering College.

◊ Four students from our CSE Department attended workshop from 09-10 Nov. 2017 at Thiagarajar College of Engineering.

◊ Nineteen students from our department attended workshop from 09-18 Nov. 2017 at UNIQ Technologies, Chennai.

COMPETITIVE EXAMINATION AND LIST OF GATE SCORERS :

♣ Our CSE department students P.SWATHI, D.JEYA SANGARA RUBENE, V.SOPHIA SALETH MARY, G.PRIYA, D.NAGALAKSHMI, J.K.HARITA were registered and going to attend Gate 2018 Exam.

PLACEMENT ACTIVITIES

⊗ More than 55 companies have recruited our students who passed out in 2017.

⊗ 51% of the final year students (2013-2017) got placed in top companies.

⊗ Campus recruitment training (Campus to Career) was conducted from for final year students (2013-2017).

⊗ 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 2017. Totally 40 students are placed in the various companies.