

PSREC — CSE Newsletter



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)
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IV-CSE

Ms.P.Ajitha
IV-CSE

DEPARTMENT OF CSE



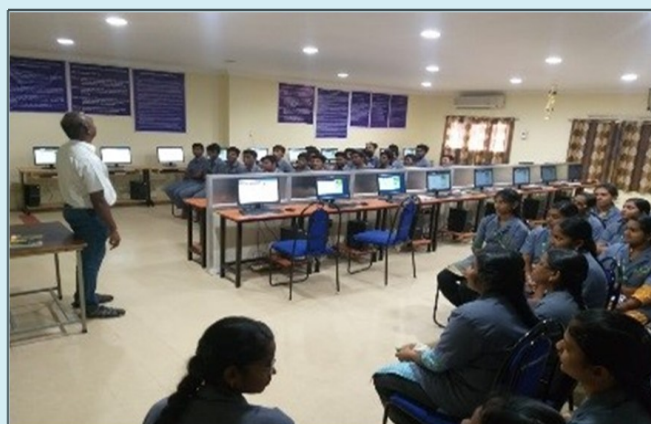
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DEPARTMENT ACTIVITIES

Our department organized one day Hands on Training - **“Big Data Analytics”** by Mr.Saravanan, Inetz Solution, Chennai on 07.07.2019.



Our department organized a Guest Lecture - **“Recent Trends in Software Innovation”** by Mr.Ashok Babu (2004 Alumni) CEO, Airlet Softwares, Chennai on 03.10.2019.



Our department organized one day Guest Lecture - **“Discover the you in You”** by Mr.Venugopal Nair, IRS, Asst. Director National Academy of Customs, Chennai on 12.08.2019.



Our department organized Guest Lecture - **“Mobile Application Development”** by Mr. K.Marikannan (2004 Alumni) Infinity Solution, Chennai on 16.11.2019.



Our department organized one day Guest Lecture - **“Python programming”** by Mr.A.M.SASIKUMAR Senior S/W Trainer and Developer, SSi Education, Madurai on 23.08.2019.

DEPARTMENT ACTIVITIES

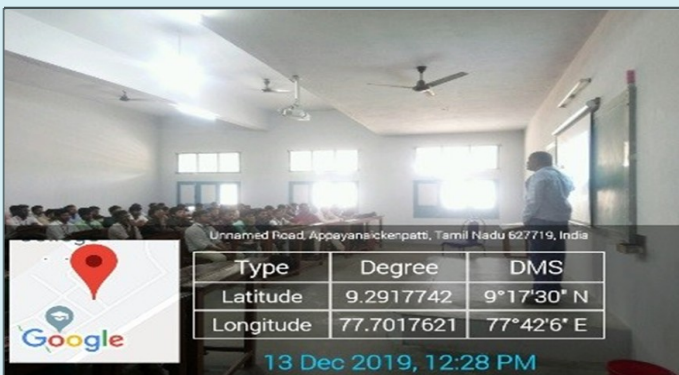
Our department organized Guest Lecture - **“Tips and Tricks of Mobile APP”** by Mr.N.Venkatnarayanan (2003 Alumni) Manager, Mythopoeia Holding Limited, Chennai on 05.12.2019.



Our department organized **“Hackathon'2019”** An Intra college Technical Event in association with Alumni Association of PSR on 13th & 14th December 2019.



Our department organized Guest Lecture - **“Recent Trends in Web Programming”** by Mr.Saravanakumar (2005 Alumni) Solution Architect, Lister Technology, Chennai on 13.12.2019.



Our department organized Guest Lecture - **“Graphical OOP with processing (JAVA)”** by Dr. Jey Veerasamy, Senior Lecturer, Director of the UT Dallas Center for Computer Science Education & Outreach (CCSEO)., Organized by CAFE Association on **20.12.2019**.



Our department organized a Guest Lecture - **“Soft Skill Training”** by Mr.Mohammed Ishtiaque Principal Consultant IGM 360° Bangalore on 14.12.2019.

ACTIVITIES BY OUR FACULTY

JOURNALS:

- B.Guruprakash, Dr.C.Balasubramanian, and R.Sukumar, “An approach by adopting multi-objective clustering and data collection along with node sleep scheduling for energy efficient and delay aware WSN” Peer-to-Peer Networking and Applications July 2019 doi.org/10.1007/S12083-019-00779-3.
- Dr.S.Singaravelan, et.al., “Improvement Of Glaucoma Prediction Rate With Multinomial Bayesian Approach”, Caribbean Journal of Science, (ISSN : 008-6452). Vol 53, Issue 2, Aug 2019.
- Dr.S.Singaravelan, D.Arunshunmugam, “Privacy- Conservation Multi-keyword Top-k Correlation Search Over Encoded Information in Cloud Environment”, Caribbean Journal of Science, (ISSN : 008-6452). Vol 53, Issue 2, Aug 2019.
- Dr.R.Arun and Dr.S.Singaravelan(2019), “Classification Of Brain Tumour In Magnetic Resonance Images Using Hybrid Kernel Based Support Vector Machine”, Caribbean Journal of Science, (ISSN : 008-6452). Vol 53, Issue 2, Aug 2019.
- Dr.R.Arun and Dr.S.Singaravelan(2019), “Accuracy Of Classification Algorithms In Brain Tumor Magnetic Resonance Images”, Caribbean Journal of Science, (ISSN : 008-6452). Vol 53, Issue 2, Aug 2019.
- Dr.A.Ramathilagam and S.Maheswari, “Improved Hyper Elliptic Curve Cryptography with Hybrid Bat Algorithm for Tasks Replication to Meet Deadlines in Clouds” Applied Mathematics and Information Sciences <http://dx.doi.org/10.18576/amis/13S137>, Vol 13, Special Issue , Aug 1 2019 ISSN: 2325-0399.
- Dr.C.Balasubramanian(2019) “Development of Big Data Predictive Analytics Model for Disease Prediction using ML Technique” Journal of Medical Systems , July 2019.
- S.Edwinraja et.al., (2019) , “A Performance analysis of software Defined Network based prevention on phishing attack in cyberspace using a Deep Machine Learning with CANTINA Approach (DMLCA)”, Computer Communications, <https://doi.org/10.1016/j.comcom.2019.11.047>.
- **Gopikannan P**, Rajeswari G, (2019),” Breast Cancer Stroma Classification from Histological Images”, International Journal of Emerging Technologies and Innovative Research, Vol. 6 Issue 2, pp.425-429 .
- **Balasubramanian C**, Guru Prakash B, Sukumar R, (2019), “HHFDS:Heterogeneous Hybridized Fuzzy-Based Dijkstra’s Multitask Scheduling In WSN”, Concurrency And Computation-Practice And Experience, Vol.33 Issue 3,pp.1-12,.
- **Balasubramanian C**, Venkatesh R, Kaliappan M, (2019), “Development of Big Data Predictive Analytics Model for Disease Prediction Using Machine Learning Technique”, Journal of Medical System, Vol.43 Issue 8, pp.1-8,..
- **Balasubramanian C**, Vimal Kumar P, (2019), “Trilateral Spearman Katz Centrality Based Least Angle Regression for Influential Node Tracing in Social Network”, Wireless Personal Communications, Issue 3, pp. 2767-2790.
- Agilan V C, **Rajasoundaran S** (2019), “Analysis of IoT based crop field monitoring and Leaf nutrients”, International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences., Vol. 7, Issue 3, pp. 1- 6.

ACTIVITIES BY OUR FACULTY

- **SrinivasaRagavan, P**, Ramasamy K, (2019), “Software defined networking approach based efficient routing in multihop and relay surveillance using lion optimization algorithm”, The International Journal for the Computer and Telecommunications Industry, Elsevier, vol. 150, pp. 764-770,

KNOWLEDGE GAINED FROM VARIOUS FORUMS :

- Dr.S.Rajasoundaran has attended workshop on, ”Internet of Things” organized by Swami Kesha Anand Institute of Technology & Gramothan, Jaipur from 09th Nov 2019 to 20th Nov 2019.
- Dr.A.Ramathilagam has participated in National level workshop on, ” Internet of Things” organized by Department of CSE, AAA college of Engineering and Technology, Sivakasi on 5th Sep 2019.
- Dr.S.Amutha has attended AICTE sponsored two week Faculty Development Program on, ” Deep Learning and Internet of Things” organized by Department of ECE, during November 11-24, 2019 at Velammal College of Engineering and Technology, Madurai.
- Dr.A.Ramathilagam has attended two days National level Seminar on, ” Role of Deep Learning in Multidisciplinary Design Optimization(MDO) and its Applications &Tools”organized by Department of IT, Karpagam College of Engineering,Coimbatore on 13 &14 Dec 2019.
- Mr.R.Palanikumar has participated in a short term course on, ” Data Analytics “organized by Centre for continuing education, Indian Institute of Science, Bengaluru during 22nd to 26th July 2019.
- Mr.D.Arun Shunmugam attended one Day QIP on “Instructional Design and Delivery System” organized by NITTTR on 06.11.19 at P.S.R. Engineering College, Sevalpatti.
- Mr.D.Arun Shunmugam attended six days workshop on “Compiler Design” on 16th Dec 2019 to 21st Dec 2019 at National Engineering College, Kovilpatti.
- Mr.D.Arun Shunmugam attended One Day Workshop on “NPTEL” on 19.07.19 at M.S. University, Tirunelveli.
- Mr.S.Edwinraja attended six days workshop on “Emerging Trends in Data Migration and Wearable Computing Aspects of IOE” on 09th Dec 2019 to 14th Dec 2019 at P.S.R. Engineering College, Kovilpatti.
- Mrs.M.Piramu attended six days Faculty Development Program on “Instructional Design and Delivery System” organized by NITTTR on 04.11.19 to 09.11.19 at P.S.R. Engineering College, Sevalpatti.
- Mrs.N.Krishnaveni has attended AICTE sponsored two week Faculty Development Program on, ” Internet of Things– Concepts and Implementations” organized by Indian Institute of Information Technology, Design and Manufacturing on 15th to 19th Nov 2019.
- Mr.P.Raghavan has attended workshop on, ”Internet of Things” organized by Swami Kesha Anand Institute of Technology & Gramothan, Jaipur from 09th Nov 2019 to 20th Nov 2019.
- Mrs.K.Roobavathi attended six days FDP on “Instructional Design and Delivery System” organized by NITTTR on 04.11.19 to 09.11.19 at P.S.R. Engineering College.
- Mrs.K.Amsaveni attended three days workshop on “Introduction to Python

ACTIVITIES BY OUR FACULTY

- Ms.K.Priya attended Six Days QIP on “Instructional Design and Delivery System” organized by NITTR from 04.11.19 to 09.11.19 at P.S.R. Engineering College.
- Mr.D.Arun Shunmugam attended six days workshop on “Compiler Design” on 16th Dec 2019 to 21st Dec 2019 at National Engineering College, Kovilpatti.

NPTEL ONLINE EXAMINATIONS:

- Arun Shunmugam D completed NPTEL online Course titled “Introduction to Internet of Things” offered by NPTEL and Swayam at IIT Madras Jul-Dec 2019.
- Ramani R completed NPTEL online Course titled “Introduction to Internet of Things” offered by NPTEL and Swayam at IIT Madras July -Oct 2019. (NPTEL ELITE).
- Ramathilagam A completed NPTEL online Course titled “Cloud Computing” offered by NPTEL and Swayam at IIT Madras July-Oct 2019. (NPTEL ELITE).
- Gopi Kannan P completed NPTEL online Course titled “Cloud Computing” offered by NPTEL and Swayam at IIT Madras July-Oct 2019.(NPTEL ELITE).

PATENT PUBLICATIONS:

- Published a patent titled on “Energy Optimized Expanding Ring Search Algorithm for Secure Routing Against Black Hole Attack in MANETs ” on 15th Nov 2019. Application No:201941004425 A.

- Published a patent titled on “Automatic Segmentation of Liver Tumors of Varying Sizes in CT Images using Adaptive Auto Clustering ” on 15th Nov 2019. Application No:201941006232 A.
- Published a patent titled on “Malware Detection and Classifications System ” on 15th Nov 2019. Application No:2019410045886 A.
- Published a patent titled on “Voter Face Recognition as a Verification System using RADON Transformation based Electronic Voting ” on 15th Nov 2019. Application No:201941004424 A.
- Published a patent titled on “Controlling Road Traffic Signal using Image Processing” on 15th Nov 2019. Application No:201941004428 A.
- Published a patent titled on “Secure Online Vote Polling System using Protected Operating System Services” on 15th Nov 2019. Application No:201941004421 A.
- Published a patent titled on “Segmentation and Classification of Liver Images from CT Images” on 15th Nov 2019. Application No:201941004422 A.
- Published a patent titled on “Deadline Execution in Public Clouds using Enhanced Artificial Bee Colony Resource Mechanism” on 15th Nov 2019. Application No:201941004423 A.

LIS OF RESEARCH PROPOSAL SUBMITTED:

S. No	Academic Year	Title of the Programme	Principal Investigators (PI) / Co-PI	Funding Agency	Amount Submitted in Lakhs
1.	2018–19	Cloud Computing in Higher Education	Dr.A.Ramathilagam	ISTE	3.0

ACTIVITIES BY OUR STUDENTS

CO-CURRICULAR ACHIEVEMENTS OF STUDENTS :

Students from our department participated in various events organized by different institutions.

- ◇ Our CSE department students G.Nagaraj, S.Niranjana Nithish, G.Prakash, G.Pradeep, S.Shanmuga Prakasham, R.Shiam Kumar, S.Rino, M.Vijaya Karthick, P.Saravanan were attended one day workshop on 14 July 19 at IIT Research Center-Tharamani, Chennai.
- ◇ Our CSE department students P.Vijaichandar, P.Vijayakumar, T.Vignesh, K.Shree Ram were attended two day workshop from 19.07.2018 to 20.07.2019 at National Engineering College, Kovilpatti.
- ◇ Our CSE department students R.Jayasoorya, A.J.Jeberson, R.Muthuraman, S.Muthu Sankar were attended a one day workshop on 26.07.2019 at Kongu Engineering College.
- ◇ Our CSE department students M.Manikandan, K.Raghavendran and B.Ram Shankar were attended one day workshop on 06.08.2019 at Sri Ramakrishna College of Engineering.
- ◇ Our CSE department students A.J.Jeberson, R.Muthumaran and S.Hariharan were attended two days workshop from 17 Aug. 2019 to 18 Aug. 2019 at Psitron Technologies.
- ◇ Our CSE department students K.Guhan and R.GuruGanesh were attended one technical symposium "Lrgacy' 19" on 30.08.2019 at Mepco Schlenk Engineering College.
- ◇ Our CSE department students R.Nandhini, G.Ramya, C.Rathnavaisnavi were attended one day national level technical symposium on 30.08.2019 at Velammal Engineering College.
- ◇ Our CSE department students S.Vijay Srinivas, G.Tony Jerald and S.Sakthivel were attended the technical symposium "Legacy' 19" on 30.08.2019 at Mepco Schlenk Engineering College.
- ◇ Our CSE department student S.Rajakumaran has attended one day symposium on 20 Sep. 2019 at P.S.R. Engineering College.

- ◇ Our CSE department students V.Kiruthiga, K.Keerthana, S.Gowselya, K.Gayathri and J.Srivarsha were attended one day national level technical symposium on 31.08.2019 at Ramco Institute of Technology.
- ◇ Our CSE department students The.Veena, P.Renuga Devi, M.Mythili, G.Sabari Vennila, R.Muthu Valli, S.Phavithra, G.Siva Sankari, P.Priya Dharshini and A.Pandeeswari were attended one day workshop on 06.09.2019 at AAA Engineering College.
- ◇ Our CSE department students R.Mahalakshmi, A.Mahalakshmi, V.Harini, R.Meenatchi and P.Renuga Devi were attended one day symposium on 12 Sep. 2019 at National Engineering College, Kovilpatti.
- ◇ Our CSE department students M.Rajesh Kumar, M.Raj Kumar, M.Sankareswaran, M.Visva, S.Vijay Srinivas, G.Tony Jerald, J.Udhaya and B.Ram Shankar were attended one day symposium on 20 Sep. 2019 at Stella Mary's College of Engineering.
- ◇ Our CSE department students K.Suryakala, M.Nandhini, P.Priyadharsini, A.Pandeeswari and A.Yuvasrichandra Praba were attended two days workshop from 20 Sep. 2019 to 21 Sep. 2019 at Karpagam College of Engineering.
- ◇ Our CSE department student K.Ramalakshmi@Ramya has attended one day symposium on 24 Sep. 2019 at P.S.R. Engineering College.

PLACEMENT ACTIVITIES:

- ◇ Various Companies recruited students from our college through the Recruitment Drives conducted during the Academic Year 2019-2020. In our department totally 36 students were placed in the various companies in the academic year 2019-2020.

ACTIVITIES BY OUR STUDENTS

PLACED STUDENT LIST:

Register Number	Name of the Student	Name of the Company
1601003	ABISHEIK. M	Uniq Technologies, Techvolt Software PVT. LTD
1601005	ANURADHA. K	Techvolt Software PVT. LTD,Uniq Technologies
1601006	ARCHANA. K	Techvolt Software PVT. LTD
1601007	ARCHANA. M	IVITA,Hradi Info Tech
1601009	ARIYA SELVALAKSHMI. S	IVITA Software Solution
1601012	ASHOK KUMAR. S	Hradi Info Tech
1601013	ASTA LAKSHMI.M	Cognizant Technology Solutions
1601018	CHITHIRAPUTHIRAN. L	IVITA Software Solution, Techvolt Software PVT. LTD, Atos Syntel
1601020	DHANASEKHARAN. R	Hradi Info Tech
1601027	GURU GANESH. R	Techvolt Software PVT. LTD
1601028	HARI HARA MOORTHY. M	Hradi Info Tech
1601032	JOTHI LAKSHMI. M	Hradi Info Tech , IVITA Software Solution
1601033	KALAIARASAN .M	Techvolt Software PVT. LTD
1601040	KARTHIKEYAN. B	IVITA Software Solution
1601042	KAVIYA. C	IVITA Software Solution
1601043	KEERTHIKA. D	Techvolt Software PVT. LTD
1601045	MADASAMY. M	Techvolt Software PVT. LTD
1601047	MAHALAKSHMI. P	IVITA Software Solution
1601048	MALATHI. K	Techvolt Software PVT. LTD , IVITA Software Solution
1601049	MANIKANDAN. S	IVITA Software Solution
1601050	MANJULA. N	Hradi Info Tech , IVITA Software Solution
1601051	MANO RANJAN. A	Cognizant Technology Solutions, Aspire Systems, Atos Syntel
1601053	MANOJ KUMAR. M	M/S. Mithrosoft Solutions
1601056	MURALI. C	Techvolt Software PVT. LTD
1601059	MURUGALAKSHMI. C	IVITA Software Solution

ACTIVITIES BY OUR STUDENTS

Register Number	Name of the Student	Name of the Company
1601070	PRIYAHARSHANA. S.	Techvolt Software PVT. LTD
1601072	PUSHPAGOWSALYA. P	IVITA Software Solution
1601073	RAJAKUMARAN. S	Atos Syntel
1601074	RAMALAKSHMI. M	Hradi Info Tech
1601075	RASHMI. D	Hradi Info Tech
1601076	REETA. R	IVITA Software Solution
1601080	SANTHOSHKUMAR. B	Techvolt Software PVT. LTD
1601084	SHANMUGAPRIYA. K	Hradi Info Tech
1601095	VEERASAMY. D	Techvolt Software PVT. LTD
1601098	VIJAYA BASKARA SETHU- PATHI. G	Techvolt Software PVT. LTD
1601099	VIJAYARAJ. S	Data Pattern