

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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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 department organized the Guest Lecture on 05th January 2019 for third and final year students Mrs.G.Maria Justin Mary, Technical Specialist, Honeywell delivered the guest lecture on “Industry Expectation Awareness”.



Our department organized a Guest Lecture on Computational Biology for second year students. Dr.Senthil Kumar, Durai Kannu Kailasam Associate at Genome Quebec Innovation Center, Canada, delivered guest lecture on 25th January 2019.

Our department organized one day Workshop on Live Streaming of PDSA using Python and DAA on 18th January 2019 for second year students. The session was handled by Dr.Madhavan Mukund, Professor, NPTEL.



Our department organized Faculty Development Programme on Introduction to Big Data Analytics for faculty members on 30th May 2019. Ms.Kamatchi Devi, Technical Trainer, ICT Academy was the Chief Guest.

Our department organized one day Guest Lecture on Exploiting Small World Problem in Social IOT for second and third year students. Dr.Anand Paul, Professor & Director, School of Computer Science and Engineering, South Korea delivered guest lecture on 22nd January 2019.



AWARDS AND ACHIEVEMENTS OF STUDENTS




BEST OUTGOING STUDENT AWARD 2019

Our CSE department feels proud and happy to award the Best Outgoing CSE Student Award 2019 to Priyadharshini G, for appreciation of her overall performance in the college during 2015-2019.




CLASS TOPPERS

Our Department Under Graduate students secured Autonomous Ranks for the academic year 2015 – 2019.

S.No.	Reg. No.	Class Toppers Name	Student Photo	CGPA	Rank
1	1501037	PRIYADHARSHINI G		9.46	01
2	1501047	SELVA PADMAVATHY M		9.17	02
3	1501030	MUTHU PREETHA R		8.99	03

Our Department Post Graduate students secured Autonomous Ranks for the academic year 2017 – 2019.

S.No.	Reg. No.	Class Topper Name	Student Photo	CGPA	Rank
1	1723011	PRIYA K		9.32	01

ACTIVITIES BY OUR FACULTY

INTERNATIONAL JOURNALS:

- Manoharan S.N. and Ruba Soundar K (2019), “A Novel Securable Fuzzy Logic Based Ranking Scheme for Document Searching on Outsourced Cloud Data”, An International Journal on Wireless Personal Communications, Vol.80, Issue 3, January 2019, DoI : <https://doi.org/10.1007/s11277-018-6108-4>, (ISSN : 0929-6212) Impact Factor : 0.32.
- Sivaranjani C, Lekshmi K, Ruba Soundar K, et.al., “Real-Time Identification of Medicinal Plants using Machine Learning Techniques”, IEEE Sponsored International Conference on Computation Intelligence in Data Science (ICCIDS 2019) organized at SSN college of Engineering during 21-23, Feb.2019.
- R.Aarthi and K. Ruba Soundar, “A Novel Technique for Detecting Network Attacks and Mitigation by Energy Trust System and Optimizing Energy Life-Time of Wireless Sensor Network”, International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences, Vol. 7, Issue 3 (2019) pp.26-31.
- N.Kavitha, K.Ruba Soundar, et.al., (2019), “Intellectual Human-Object Classification Using Genetic Algorithm”, 2019 Advances in Science and Engineering Technology International Conferences (ASET), DOI : 10.1109/ICASET.2019.8714202 (IEEE) (2019).
- S.Priyadarsini,”Classification of Liver Tumor in CT Images Using Convolution Neural Networks” IJIRMPS | Volume 7, Issue 3, 2019 ISSN: 2349-7300.
- S.Priyadarsini,” Driver Drowsiness Detection System Using Raspberry Pi” ISSN: 2455-2631 © March 2019 IJSDR | Volume 4, Issue.
- A.Ramathilagam,”Network-level Performance Enhancement in Wireless Nano Sensor Networks through Multi-layer Modifications” IJIRMPS | Volume 7, Issue 3, 2019 ISSN: 2349-7300.
- A.Ramathilagam,”A New Task Scheduling LCGA Algorithm in Cloud Computing Environment” IJIRMPS | Volume 7, Issue 3, 2019 ISSN: 2349-7300.
- R.Palanikumar,”Multi Resolution Encryption Based On Wavelet Transformation for Digital Images” IJIRMPS | Volume 7, Issue 3, 2019 ISSN: 2349-7300.
- S.Singaravelan et.al., (2019) , “Robust Automatic Visual Method For Determining Facial Angles From Profile View Images”, Media, culture and public relations(ISSN: 1333-6371) , Vol 10 , Issue 1, March 2019.
- S.Singaravelan and D.Murugan ,” A Mutual Projection Based Proportional Features Selection For Face Identification”, The Journal of Multimedia Processing and Technologies (ISSN:0976-4127) , Vol 10, Issue 1 , March 2019.
- S.Singaravelan et.al., (2019) ,” Automatic Detection Of Geospatial Objects Using Multiphase Segmentation”, NDC-WWC journal (New Delhi Centre of World Water Council) (ISSN: 2278-8395) , Vol 8 , Issue 1, January 2019.
- R.Ramani, “A Novel Approaches to Handwritten English Character Alphabet and Number Recognition Based on Neural Networks” ,“International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences” Volume 7, Issue 3, May-June 2019(ISSN: 2349-7300).

ACTIVITIES BY OUR FACULTY

- R.Ramani, “Big data analytics platforms and tools applied in healthcare system” International Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 2, February 2019 (ISSN -2349-5162).
- Arun Shunmugam D “Access control scheme in cloud services based on different user roles” Informatologia . Vol. 51 Issue 3/4, p182-188. 7p March 2019.
- Arun Shunmugam D “Privacy-Conservation Multi-Keyword Top-k Correlation Search Over Encoded Information in Cloud Environment” Caribbean Journal of Science (ISSN: 0008-6452) Volume 53, ISSUE 2 (MAY - AUG), 2019.

CONFERENCES:

- R.Ramani, “Implementation of a Light Weight Publish/Subscribe based IOT server using MQTT 5 Protocol” in National Conference on Computer, Electrical and Electronics Engineering at PSRR college for Women, Sivakasi On March 1 ,2019.
- R.Ramani, “A Novel approaches to hand written English character, alphabet and number recognition based on neural networks” in International conference on recent trends in Engineering Education, ISBN 9788193786062 at P.S.R. Engineering college, Sivakasi on feb 2019.

KNOWLEDGE GAINED FROM VARIOUS FORUMS :

- Dr.K.Ruba Soundar has attended a two day workshop on “Introduction to Big Data Analytics” organized by ICTACT held at PSR Engineering College, Sivakasi on 30 & 31, May 2019.

- Dr.A.Ramathilagam has attended two day workshop on,” Deep Learning for Medical Image Analysis – Challenges and Future” held at AAA college of Engineering and Technology, Sivakasi on 29 & 30, April 2019.
- Dr.S.Priyadarsini has attended two day workshop on,” Deep Learning for Medical Image Analysis – Challenges and Future” held at AAA college of Engineering and Technology, Sivakasi on 29 & 30, April 2019.
- Dr.S.Priyadarsini has attended a two day workshop on “Introduction to Big Data Analytics” organized by ICTACT held at PSR Engineering College, Sivakasi on 30 & 31, May 2019.
- Dr.A.Ramathilagam has attended a two day workshop on “Introduction to Big Data Analytics” organized by ICTACT held at PSR Engineering College, Sivakasi on 30 & 31, May 2019.
- Dr.S.Amutha has attended a two day workshop on “Introduction to Big Data Analytics” organized by ICTACT held at PSR Engineering College, Sivakasi on 30 & 31, May 2019.
- R.Ramani participated in the Faculty development programme entitled “Introduction to Big Data Analytics” organized by PSR Engineering College during May 30 & 31, 2019.
- R.Ramani Attended one day National Workshop on “Cloud Masters 2019”, Organized by AAA College of Engineering & Technology, Virudhunagar on 25/03/19.
- R.Palanikumar participated in the Faculty development programme entitled “Introduction to Big Data Analytics” organized by PSR Engineering College during 30.05.2019 to 31.05.2019.

ACTIVITIES BY OUR FACULTY

- Arun Shunmugam D attended One Day National Seminar on “Advanced Trends in Computer Science-19” (ACT-19) on 22.03.19 at Sadak abdullah College, Tirunelveli .
- Arun Shunmugam D attended FDP on “Data Mining” organized by NPTEL & AICTE on 27.04.19 at IIT Madras.
- Arun Shunmugam D attended two Days FDP on “Introduction to Big Data Analytics” organized by ICT Academy on 30.05.19 & 31.05.2019 at P.S.R. Engineering College, Sevalpatti.
- Edwinraja S attended six days workshop on “Role of cyber Forensic Field kit (True traveler and its supporting tools) in Cyber Crime Investigations ” on 10.06.19-20.06.2019 at P.S.R. Engineering College, Sevalpatti.
- Piramu M attended seven days workshop on “Oracle” on 08.02.19 - 14.02.2019 at Ramco Institute of Technology.
- Gopi Kannan P attended two Days FDP on “Introduction to Big Data Analytics” organized by ICT Academy on 30.05.19 & 31.05.2019 at P.S.R. Engineering College, Sevalpatti.
- Amsaveni K attended two Days FDP on “Introduction to Big Data Analytics” organized by ICT Academy on 30.05.19 & 31.05.2019 at P.S.R. Engineering College, Sevalpatti.
- Kavitha S attended two Days FDP on “Introduction to Big Data Analytics” organized by ICT Academy on 30.05.19 & 31.05.2019 at P.S.R. Engineering College, Sevalpatti.

NPTEL ONLINE EXAMINATIONS

- ♦ Dr.R.Arun completed NPTEL online Course titled “Data Mining” offered by NPTEL and Swayam at IIT Madras Feb-Apr 2019.
- ♦ Mrs.R.Ramani completed NPTEL online Course titled “Big Data Computation” offered by NPTEL and Swayam at IIT Madras Jan-April 2019
- ♦ Mr.D.ArunShunmugam completed NPTEL online Course titled “Data Mining” offered by NPTEL and Swayam at IIT Madras Feb-Apr 2019.
- ♦ Mr.P.Gopikannan completed NPTEL online Course titled “Introduction to Internet of Things” offered by NPTEL and Swayam at IIT Madras Jul-Dec 2019 (Elite Silver)

STAFF APPRECIATION

- ♦ Mr.D.ArunShunmugam appreciated as NPTEL SPOC for the Swayam-Nptel Local Chapter in the period of Jan-Apr2019 by IIT Madras.

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 :

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

- ◇ Our CSE department students K.Anu Radha, D.Keerthika, C.Kaviya, M.Kaleeswari and K.Archana were attended three days Entrepreneurship Awareness Camp from 08.01.2019 to 10.01.2019 at P.S.R. Engineering College.
- ◇ Our CSE department second year students were attended one day guest lecture on Computational Biology on 25.01.2019 at P.S.R. Engineering College.
- ◇ Our CSE department students R.Nandhini, T.Veena, K.Ramalakshmi@Ramya, G.Suriya, S.Sindhukarthika and R.Karthika were attended two days workshop “Smart Wireless Technology using Lora” from 01 Feb. to 02 Feb 2019 at Ramco Institute of Technology.
- ◇ Our CSE department students K.Suryakala, A.Yuvasri Chandra Prabha, M.Mythili, P.Priyadharshini and M.Nandhini were attended National level technical symposium SAMHITA `19 from 01 Feb. to 02 Feb. 2019 at Madras Institute of Technology, Chennai.
- ◇ Our CSE department students R.M.Ramasamy and J.Udhaya were attended two days technical symposium ELECTROFOCUS`19 from 01 Feb. to 02 Feb. 2019 at Madras Institute of Technology, Chennai.
- ◇ Our CSE department students S.Sabitha, V.Priyanka, B.Sabitha, C.Murugalakshmi, B.Pandipriya and K.Muthumari were attended three days workshop on “Application of Artificial Intelligence and Machine Learning in Science and Engineering, AIM-SE 2019 from 01.02.2019 to 03.02.2019 at SSN College of Engineering, Coimbatore.
- ◇ Our CSE department students G.Vatsala and P.Viveka were attended one day workshop (Big Data) on 19.02.2019 at National Engineering College, Kovilpatti.
- ◇ Our CSE department students P.Vijayakumar, P.Vijay Chandar and K.Shree Ram were attended one day SIOT workshop on 20.02.2019 at Sethu Institute of Technology.
- ◇ Our CSE department students M.Yazhini, M.Shobika, S.Sivaharini were attended seven days internship in Appin technology lab from 14 June to 20 June 2019 at P.S.R. Engineering College.
- ◇ Our CSE department student M.Yazhini, M.Shobika, S.Sivaharini has attended one day workshop on 21 June 2019 at P.S.R. Engineering College.