

CSE Newsletter JULY - DEC 2020



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 CSE



MESSAGE FROM THE PRINCIPAL

It is an honor and pleasure to release the quarterly news letter of Department of Computer Science and Engineering. Hope every edition of the newsletter helps to trigger the creative and developmental activities of our staff and students. Let this newsletter pave way for academic, co-curricular and extracurricular achievements.

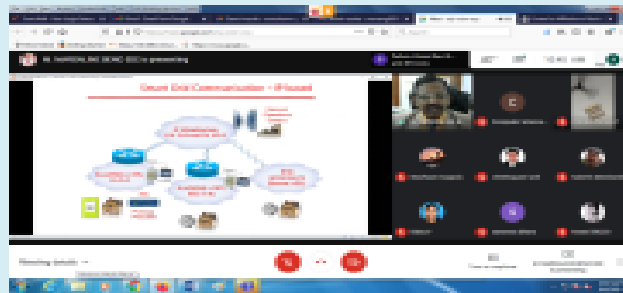
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DEPARTMENT ACTIVITIES

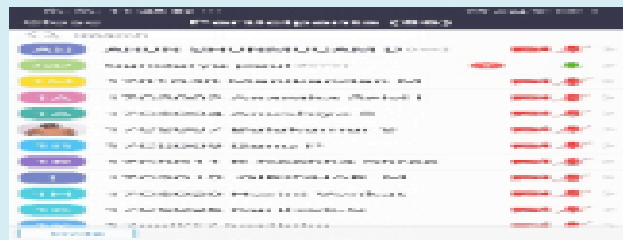
Our department organized one day Webinar on Machine Learning For NLP on 15th July 2020. Dr. S. Shankar Ganesh, Assistant Professor Senior Grade I VIT Vellore, was the Chief Guest.



Our department organized one day Webinar on Recent Trends in IOT and Smart Grid on 06th August 2020. Dr. Marasaline Bano, Professor, St. Xavier's Catholic College, was the Chief Guest.

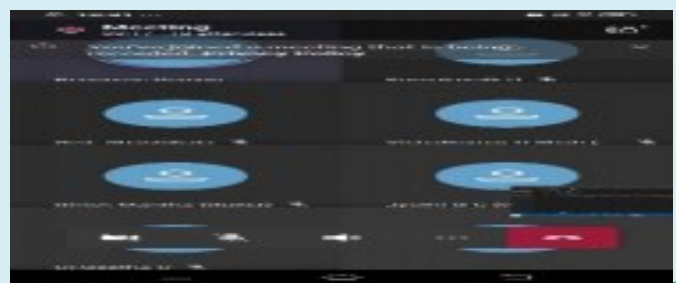
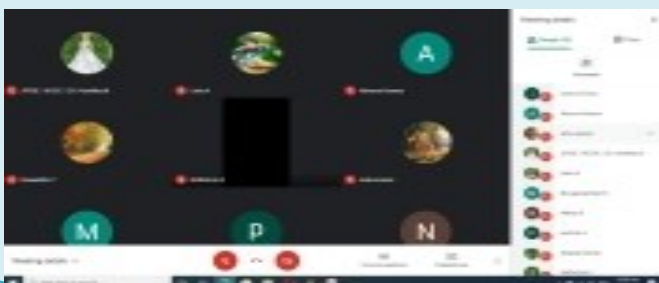


Our department organized one day Webinar on Recent Trends in Cloud Computing on 11th September 2020. Mr. S. Sandraya Paul, Technical Head, Ethno Tech Training, was the Chief Guest.



Our department organized one day Guest Lecture on Recent Trends in Data Mining on 26th September 2020. Mr. Saravanan, Technical Head, Iconix Solution, Tirunelveli, was the Chief Guest.

Our department organized one day Guest Lecture on Recent Trends in Ethical Hacking on 17th November 2020. Dr. S. Sibichakkaravarthy, Asso. Prof. VIT Amaravathy, was the Chief Guest.



ACTIVITIES BY OUR FACULTY

INTERNATIONAL JOURNALS:

- S.N.Manoharan & K.Ruba Soundar.,(2020), " Euclidean Distance Based Similarity Measurement And Ensuing Ranking Scheme For Document Search From Outsourced Cloud Data", International Journal of Computer Network and Information Security, Vol.12, No.10, pp 2074-9090
- V. Selvakumar, K.Ruba Soundar and Balamurali Ramakrishnan.,(2020), "Deep Reinforcement Learning for Building Honeypots against Runtime DoS Attack", International Journal of Solid State Technology, Vol.63, No.2, pp 0038-111X
- S.Mythrei, S.Singaravelan, R.Arun, D.Murugan.,(2020), "A EXPLORATORY ANALYSIS OF PROCESSING FREQUENCY WORD DENSITY ALONG WITH NAMED ENTITY RECOGNITION", International Journal of Digital Communication and Networks, pp 2349-9850
- S.Mythrei, S.Singaravelan.,(2020), "A Prospective Analysis On Entity Linking For Domain Specific With Heterogeneous Information Networks", International Journal of Scientific & Technology Research, Vol.9, No.2, pp 2277-8616
- Palanikumar R & Ramasamy K.,(2020), "Software defined network based self-diagnosing faulty node detection scheme for surveillance applications", The International Journal for the Computer and Telecommunications Industry, Elsevier, vol. 152, pp. 333-337.
- Venkatesh R., C. Balasubramanian Chelliah.,R.,. Kaliappan M (2019)," Rainfall prediction using generative adversarial networks with convolution neural network", Soft Computing. DOI: <https://doi.org/10.1007/s00500-020-05480-9>.

KNOWLEDGE GAINED FROM VARIOUS FORUMS :

- Dr.K.Ruba Soundar attended six days STTP on "Interpersonal Skills of Best Behavioral Teachers ", Organized by at PSR Engineering College, Sivakasi during 21.09.2020 to 26.09.2020.
- Dr.C.Balasubramanian attended six days STTP on "Internet of Things, Big data Cloud ", Organized by CMR Institute of Technology, Bangalore during 21.09.2020 to 26.09.2020.
- Dr.S.Priyadarsini attended Five days Faculty Development Program on "Block Chain", Organized by Mepco Schlenk Engineering College during 17.08.2020 to 21.08.2020.
- Dr.A.Ramathilagam attended Five days FDP on "Evolving Trends in Communication and Networking ", Organized by St.Joseph's College of Engineering during 06.07.20 to 10.07.20
- Dr.A.Ramathilagam attended Five days FDP on "Cyber Security ", Organized by Mahatma Gandhi Institute of Technology, Telegana during 07.07.20 to 12.07.20
- Dr.A.Ramathilagam attended Six days FDP on "Machine Learning with Python ", Organized by KkR & KSR Institute Of Technology & Sciences during 13.07.20-18.07.20 .
- Dr.A.Ramathilagam attended Five days FDP on "Artificial Intelligence Applications through Machine Learning ", Organized by Balaji Institute of Technology & Science during 14.07.20 -18.07.20

ACTIVITIES BY OUR FACULTY

- Dr.A.Ramathilagam attended Five days FDP on “CyberSecurity”, Organized by AICTE Training and Learning(ATAL) Academy during 14.07.20 -18.07.20.
- Dr.A.Ramathilagam attended Five days FDP on “Block Chain ”, Organized by AICTE Training and Learning(ATAL) Academy during 02-11-2020 to 06-11-2020.
- Dr.A.Ramathilagam attended Five days STTP on “Supporting Open Technologies for deployed AI ”, Organized by PSR Engineering College Sivakasi, during 16.11.20 to 21.11.20 .
- Dr.A.Ramathilagam attended Five days STTP on “Recent Trends in Cloud Computing ”, Organized by DRIEMS Autonomous Engineering College in association with AICTE-ISTE , Cuttack , during 07.12.20 to 12.12.20
- Dr.A.Ramathilagam attended Five days FDP on “Artificial Intelligence ”, Organized by AICTE Training and Learning(ATAL) Academy , during 21.12.20 to 25.12.20
- Dr.R.Palanikumar attended Six days STTP on “Cyber Security ”, Organized by PSR Engineering College, Sivakasi , during 19.10.20 to 24.10.20
- Dr.R.Palanikumar attended Seven days STTP on “Supporting Open Technologies for deployed AI ”, Organized by PSR Engineering College, Sivakasi, during 27.10.20 to 02.11.20 .
- Dr.R.Palanikumar attended Six days STTP on “Internet of Things and its Applications ”, Organized by Dept. of IT, SRM Valliammai Engineering College, Chennai , Sivakasi , during 16.11.20 to 21.11.20.
- Mrs.R.Ramani attended Five days FDP on “Evolving Trends in Communication and Networking ”, Organized by St.Joseph’s College of Engineering , Sivakasi , during 06.07.20 to 10.07.20.
- Mrs.R.Ramani attended Six days FDP on “Cyber Security ”, Organized by Mahatma Gandhi Institute of Technology, Telegana , during 07.07.20 to 12.07.20
- Mrs.R.Ramani attended Six days FDP on “Machine Learning with Python ”, Organized by KKR & KSR Institute Of Technology & Sciences , during 13.07.20 to 18.07.20
- Mrs.R.Ramani attended Six days FDP on “Artificial Intelligence Applications through Machine Learning ”, Organized by Balaji Institute of Technology & Science , during 14.07.20 to 18.07.20
- Mrs.R.Ramani attended Six days FDP on “Data Science ”, Organized by AICTE Training and Learning(ATAL) Academy , during 02.11.2020 to 06.11.2020
- Mrs.R.Ramani attended Five days FDP on “Neural Network and Deep Learning ”, Organized by AICTE Training and Learning (ATAL) Academy , during 23.11.2020 to 27.11.2020.
- Mrs.R.Ramani attended Six days STTP on “Supporting Open Technologies for deployed AI ”, Organized by PSR Engineering College, Sivakasi, , during 16.11.20 to 21.11.20.
- Mrs.R.Ramani attended Six days STTP on “Recent Trends in Cloud Computing ”, Organized by Department of CSE, DRIEMS Autonomous Engineering College in association with AICTE-ISTE , Cuttack , Sivakasi , during 07.12.20 to 12.12.20.
- Mrs.R.Ramani attended Five days FDP on “Artificial Intelligence ”, Organized by AICTE Training and Learning(ATAL) Academy , during 21.12.20 to 25.12.20.
- Arunshunmugam.D attended one day Webinar on “Blockchain with AI ”, Organized by AAA College of Engg. And Tech., Sivakasi, on 07.07.20.

ACTIVITIES BY OUR FACULTY

- Arunshunmugam.D attended one day Webinar on “Funding Projects, Consultancies and Book Writing”, Organized by Vimal Jyothi Engg College Chemperi, on 08.07.20.
- Arunshunmugam.D attended one day Webinar on “Research Areas in Image Processing”, Organized by Francis Xavier Engineering College, on 17.07.20.
- Arunshunmugam.D attended Five days FDP on “Data Sciences”, Organized by National Institute Of Technology Srinagar Hazratbal, during 24.08.20 to 28.08.20.
- Arunshunmugam.D attended Five days FDP on “Internet of Things”, Organized by Rajkiya Engineering College Sonbhadra, during 05.10.20 to 09.10.20.
- Arunshunmugam.D attended Six days STTP on “Supporting open Technologies for Deployed Artificial Intelligence”, Organized by P.S.R. Engineering College, Sivakasi, during 16.11.20 to 21.11.20.
- Arunshunmugam.D attended Five days FDP on “Block Chain”, Organized by National Institute of Technology Arunachal Pradesh, during 14.12.20 to 18.12.20.
- P.Raghavan attended five days FDP on “Augmented Reality (AR) Virtual Reality (VR)”, Organised by Guru Nanak Dev Engineering College, Ludhiana during 23.11.2020 to 27.11.2020 .
- Piramu.M attended five weeks coursera on “HTML, CSS, and Javascript for web developers” by John Hopkins University during 28.09.20 to 26.10.20.
- Piramu.M attended five weeks coursera on “Programming Foundations with Javascript” by Duke University during 13.07.20 to 04.08.20.
- Gopi Kannan.P attended one day Webinar on “Blockchain with AI ”, Organized by AAA College of Engineering. and Technology., Sivakasi, on 07.07.20.
- Gopi Kannan.P attended six days STTP on “Augmented Reality and Virtual Reality”, Organized by Sri Krishna College of Engg and Tech., during 02.11.20 to 07.11.20.
- Gopi Kannan.P attended Six days STTP on “Supporting open Technologies for Deployed Artificial Intelligence”, Organized by P.S.R. Engg. College, during 16.11.20 to 21.11.20.
- Gopi Kannan.P attended Five days FDP on “Block Chain”, Organized by National Institute of Technology Arunachal Pradesh, during 14.12.20 to 18.12.20.
- Thiruselvan.P attended Six days FDP on “Recent Advances in Biomedical Applications and Communication Networks”, Organized by GMR institute of Technology, during 13.07.20 to 18.07.20.
- Thiruselvan.P attended Five days FDP on “Data Sciences”, Organized by FX Engg. College, during 02.11.20 to 06.11.20.
- Thiruselvan.P attended Six days STTP on “Supporting Open Technologies for Deployed AI”, Organized by P.S.R. Engineering College, during 16.11.20 to 21.11.20.
- Thiruselvan.P attended Five days FDP on “Neural Network and Deep Learning”, Organized by Guru Gobind Singh Indraprastha Univ, during 23.11.20 to 27.11.20.
- Thiruselvan.P attended Five days FDP on “Cyber Security”, Organized by Sri Venkateswara College of Engineering, during 30.11.20 to 04.12.20.
- R.Priyanka attended six days STTP on “Cyber Security” ,Organized by P.S.R Engg. College, during 19.10.2020 to 24.10.2020
- R.Priyanka attended six days STTP on “Supporting Open Technologies for Deployed AI” ,Organized by P.S.R Engg College, during 16.11.2020 to 21.11.2020 .

ACTIVITIES BY OUR STUDENTS

CO-CURRICULAR ACTIVITIES OF STUDENTS :

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

Name of the student	Batch	Organizing Agency	Title of the Course	Duration in weeks	Date (From -To)
S.Pavithra	2018-2022	P.S.R. Arts and Science College	E-QUIZ ON MENTAL ABILITY	One Day	03.07.2020
Alagu Pavithra M	2018-2022	Coursera	Introduction to Bigdata	One Day	06.07.2020
Siva Harini S	2018-2022	Kalasalingam Institute of Technology	The Beginners Guide to Cyber Security 2020	One Day	10.07.2020
Prasanth S	2018-2022	Kalasalingam Institute of Technology	Python a Game Changer in Disruptive Technologies	One Day	18.07.2020
S.Pavithra	2018-2022	Kalasalingam Institute of Technology	Python a Game Changer in Disruptive Technologies	One Day	18.07.2020
B Navanip Priya	2018-2022	Sri Ranganathar Institute of Polytechnic College	Python a Game Changer in Disruptive Technologies	One Day	18.07.2020
A.Aravinth	2018-2022	CISCO	Online Quiz	One Day	2207.2020
Jeberson AJ	2018-2022	Sri Parama-kalyani College	Introduction to Cybersecurity	One Day	22.07.2020
Prasanth S	2018-2022	Sri Parama-kalyani College	Mobile Application Development	Five Days	27.07.2020-31.07.2020
M.K.Yoga Vignesh	2018-2022	Sri Parama-kalyani College	Mobile Application Development	Five Days	27.07.2020-31.07.2020
A.Aravinth	2018-2022	Vemana Institute of Technology	MANUFACTURING TECHNOLOGY QUIZ-2K20	One Day	28.07.2020
Jeberson AJ	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020
M.Gayathri	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020

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Name of the student	Batch	Organizing Agency	Title of the Course	Duration in weeks	Date (From -To)
Pandiusha K	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020
Priyanka R	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020
K.Gayathri	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020
Yalini.D	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020
Revathipriyadharshini	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020
Yalini.M	2018-2022	Vemana Institute of Technology	Cloud Computing	One Day	29.07.2020
S.Lavanya	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.2020
Yalini.D	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.2020
Pandiusha K	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.2020
Priyanka R	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.2020
M.Muthulakshmi	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.2020
Yalini.D	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.2020
D.Yasini	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.2020

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Name of the student	Batch	Organizing Agency	Title of the Course	Duration in weeks	Date (From -To)
Gayathri K	2018-2022	WINWAYS	Workshop on HTML/CSS	Three Days	29.07.2020-31.07.202
Aravinth A	2018-2022	Sankar Poly-technic College	State Level Online Quiz on CHEMICAL ENERGY	4 Weeks	03.8.2020-28.08.2020
Yazhini M	2018-2022	PSG Institute of Technology	Cracking GATE Exam- Algorithms and Data Structures	One day	01.08.2020
Chandralega V	2018-2022	Ministry of Electronics and Information Tecnology	Be Vocal About Local	One day	12.08.2020
A.Aravinth	2018-2022	Siragugal Academy & RL Education Academy	Personality Grooming and Communication Skills	One day	17.08.2020
A.Aravinth	2018-2022	Sri Ranganathar Institute of Polytechnic College	AUTOBOLTZ-A National Level online Technical Quiz	One day	17.08.2020
A.Aravinth	2018-2022	Sri Ranganathar Institute of Polytechnic College	ONLINE QUIZ	One day	28.08.2020
Navani Priya B	2018-2022	SOLOLEARN	HTML Fundamental course	One day	03.09.2020
Navani Priya B	2018-2022	SOLOLEARN	Java Tutorial course	One day	03.09.2020
Navani Priya B	2018-2022	SOLOLEARN	SQL Fundamentals course	One day	18.09.2020
Jeberson AJ	2018-2022	Coursera	Introduction to Web Development	One day	04.11.2020

ALUMNI CORNER

“The Journey of a thousands miles begins with one step. My professional life jouney powered by P.S.R. that’s why I am successful today”

To me personally PSR means

P – Professional

S – Strength

R – Revived

I am a proud PSRian.

Mr.Venkadeswaran Krishnasamy

Data Architect

JPMorgan Chase & Co



When I turn back and see my life, I can realize now : 'Success is never accidental, its pre-planned and incubated in PSR'

Mr.Shanmuga Babu Tamilarasan

Senior UNIX Consultant

AstraZeneca

