

PRAGATI ENGINEERING COLLEGE (A)
SURAMPALEM
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CYBER WAVES- NEWS LETTER

JUL 2018-DEC 2018

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FROM H.O.D'S DESK

The Vision of the CSE Department:

To emerge as a center of technical expertise in the field of computer science and engineering by producing globally competent professionals with technical & research capabilities, ethical values and team spirit.

The Mission of the CSE Department:

DM1: To produce competent software professionals.

DM2: To induce application oriented and research capabilities in students for the betterment of society.

DM3: To inculcate ethics and human values in students to adapt to the dynamism in the field of computing technology.

S.No	Name of the Faculty Member	Designation
2018-19 Shift-I		
1	Radhika Mani Madireddy	Professor
2	Ramana Murthy S V	Professor
3	S. Chakravarthi	Professor
4	Jayababu Yasarapu	Professor
5	Y. Venkata Ram Kumar	Professor
6	S Rao Chintalapudi	Associate Professor
7	Rajesh M V	Associate Professor
8	Raja Kumar Medapati	Associate Professor
9	Sreepada Sarada	Associate Professor
10	Annemneedi Lakshmana Rao	Associate Professor
11	Banda S N V Ramana Murthy	Associate Professor
12	Swathi Yendamuri	Associate Professor
13	Lakshmi Viveka Kesanapalli	Assistant Professor
14	Iduru Gayathri Devi	Assistant Professor
15	Tatapudi Nirosh Kumar	Assistant Professor
16	Kumari Gorle	Assistant Professor
17	Chandra Sekhar Koppireddy	Assistant Professor
18	Pendyala Manish Kumar	Assistant Professor
19	Soma Sekhar Turangi	Assistant Professor
20	Manas Kumar Yogi	Assistant Professor
21	Y. Jnapika	Assistant Professor
22	G. Vijaya Kumar	Assistant Professor
23	Darapu Uma	Assistant Professor
24	Allampilli Harini	Assistant Professor
25	Chintha Venkata Ramana	Assistant Professor

26	R L M Tayaru Gollapalli	Assistant Professor
27	R Sridivya	Assistant Professor
28	Siddila Kavitha	Assistant Professor
29	P. Ushapola Visweswari	Assistant Professor
30	Sandhyarani Uppalapati	Assistant Professor
2018-19 Shift-II		
31	Addala Radha Krishna	Associate Professor
32	Lakkamsani Yamuna	Assistant Professor
33	Pavan Kumar Ketha	Assistant Professor
34	Geeta Vijaya Kumar	Assistant Professor
35	K. Jyothi	Assistant Professor
36	Nadipalli Veda Vyas	Assistant Professor
18-19 Visiting Faculty Information		
S.No	Name of the Faculty Member	Designation
1	T. Aditya	Visiting Faculty

Faculty Publications:

- 1 M. Radhika Mani, T. Srikanth, “Design of Novel Approach for Conformal Vortex Induced Flow Based Shape Descriptor for Object Recognition,” Sensing and Imaging, Vol.19, Issue 1, 2008, 19-22, 2018. (*SCOPUS indexed*).
- 2 Manas Kumar Yogi, Chinchinada Meghana, “Sd'X': Principles, Current Trends, Future Directions”, IJMECE, Volume No. – 6, Issue No.–4, July, 2018.
- 3 Manas Kumar Yogi , S.Lakshmi Aparna, “Novel Insights Into Cryptovirology : A Comprehensive Study” International Journal of Computer Sciences and Engineering Open, Vol.-6, Issue-7, July 2018.
- 4 A. Lakshman rao,G.Vijay Kumar,T.S.Ravi Kiran, “An Effective Multiple Linear Regression Model For Power Load Prediction” ,JETIR sep 2018,volume 5,issue 9.

- 5 A. Lakshmanrao,"Using machine Learning Clustering Algorithms For Analysis wholesale Customers Data ", IJRCSAMS July 2018.
- 6 A. Lakshman rao ,K.Chandra sekhar, Y.swathi, "An Efficient Spam Classification System Using Ensemble Machine Learning Algorithm" Vol.5,Issue 9,September/2018 (jasc).
- 7 Manas Kumar Yogi , Uma Darapu, K.Chandrasekhar ," A Investigative Study of Software Rejuvenation Techniques: Principles, Challenges, Future Directions", IJRCSAMS, Volume 7, Issue 4 (July 2018).
- 8 Manas Kumar Yogi, K. Ganga Devi Bhavani ," A Propulsive Roadmap for IoT Beyond 2025" Int.J. Advanced Networking and Applications Volume: 10 Issue: 02 , Aug 22, 2018.
- 9 Manas Kumar Yogi, K Ganga Devi Bhavani, "'Green IOT: Principles, Current Trends, Future Directions", Volume 6, Issue 3 (2018) 156-15 ISSN 2347 - 3258 International Journal of Advance Research and Innovation.
- 10 Manas Kumar Yogi, K. Ganga Devi Bhavani," A Systematic Review on Uncertain And Probabilistic Databases: Principles, Current Trends, Future Directions", Journal of Advanced Database Management & System.
- 11 Manas kumar Yogi 1, S. Lakshmi Aparna ," A Neoteric Vision of Cultural Algorithms: Principles, Practices, Future Directions" , International Journal of Scientific Research in Computer Science Applications and Management Studies , Volume 7, Issue 5 (September 2018).
- 12 Manas Kumar Yogi1, Koneru Vishwasree2, P.C.Likitha Durga3 , M.L.Vidisha ," A Survey of Real Time Applications of Blockchain Technology", International Journal of Research Volume 7, Issue IX, September/2018.

Faculty Interaction with outside world:

- Dr.M.Radhika Mani,Professor of CSE acted as resource person for National Level Workshop on "Python Programming and It's Applications" at Srinivasa Institute of Engineering and Technology, Amalapuram during 02-09-2018 to 03-09-2018.



- Mr. A.Lakshmanarao, Assoc.Prof of CSE acted as a resource person for Two Days Hands on Workshop on “Implementing Machine Learning Algorithms using Python” at P.B.Siddhartha College of Arts & Science, Vijayawada during 11th to 12th July 2018.



సమర్థంగా వ్యాపార వ్యూహాల అమలు



మొగలక్షాపురం, నవంబరు 30 (ప్రభ న్యూస్) : ప్రస్తుత పోటీ ప్రపంచంలో వినియోగదారులను ఆకర్షించడానికి అనుసరించాల్సిన వ్యూహాలను మెషిన్ లెర్నింగ్ ఆల్గోరిథమ్స్ ద్వారా సమర్థంగా అమలు చేయవచ్చని ప్రగతి ఇంజనీరింగ్ కళాశాల సూరంపాలెం కంప్యూటర్ సైన్సు అధ్యాపకులు ఎ లక్ష్మణరావు అన్నారు. పీటీ సిద్ధార్థ కళాశాలలో కంప్యూటర్ సైన్సు విభాగం ఆధ్వర్యంలో అప్పయింగ్ మెషిన్ లెర్నింగ్ విత్ సైడాస్ అంశం పై వివిధ కళాశాలల అధ్యాపకులకు రెండు రోజుల పాటు నిర్వహిస్తున్న శిక్షణ తరగతులు శుక్రవారంతో ముగిసాయి. ఆయన మాట్లాడుతూ సమాచార సంగ్రహణం పై మరింత అవగాహన పెంపొందించుకోవాలని కోరారు. కళాశాల ప్రెసిడెంట్ డాక్టర్ ఎం రమేష్, డైరెక్టర్ వి బాబురావు, డీన్ రాజేష్ సి జంపాల, కంప్యూటర్ సైన్సు విభాగాధిపతి డాక్టర్ ఎస్ రవికీరణ్, ఉప విభాగాధిపతి డాక్టర్ కె శోభన్ పాల్గొన్నారు.

Faculty Achievements:

- Dr. M. Radhika Mani received “Best Researcher Award” in the decennial celebrations of Jawaharlal Technological University Kakinada n 28/12/2018.

**List of Students won Awards within the State in the year 2018-19**

S. No	Roll No.	Name Of The Student	Topic	Event	Place	Date	Prize
1	16A31A0535	V.Hanikya	Screen less Display for vibration devices	Paper Presentation	Pydah college of engineering	15/09/18	2 nd
2	16A31A0533	V.Sai Jyothi					
3	17A31B0553	Peddimsetti Vamsi Janaki Ram	Holography for urban computing	Paper Presentation	Pydah college of engineering	15/09/18	3 rd
4	17A31A0554	Tadala Venkata Tarun	Artificial Intelligence in Nephrology	Poster presentation	Pydah college of engineering	15/09/18	2 nd
5	17A31A0535	CherukuKatna Swamy					
6	17A31A0590	Shibrin	E-Paper	Poster	Pydah	15/09/18	1 st

7	17A31A0575	Muggulla Sai Priyanka	Technology for large displays	presentation	college of engineering	8	
8	17A31A0576	MusiniJyothirmai					
9	17A31A0555	T. Ganesh	Intelligent devices for Smart Fabrics	Paper Presentation	Srinivas Institute of Engineering and Technology	13/12/18	3 rd
10	16A31A0501	A. Srihitha	Pill Camera for Oncology	Paper Presentation	Srinivas Institute of Engineering and Technology	13/12/18	3 rd
11	16A31A0549	M. Sabeel			Srinivas Institute of Engineering and Technology		
12	17A35A0501	A.S.S.D. Radha krishna	Ethical Hacking	Paper Presentation	Srinivas Institute of Engineering and Technology	13/12/18	2 nd
13	17A31B0524	M. Akshitha	SAP software for Business software	Paper Presentation	Srinivas Institute of Engineering and Technology	13/12/18	3 rd
14	18A31A0588	I.Srinidhi			Ideal Institute of Technology		
15	18A31A0583	S.Keerthi	Skinput	Paper Presentation	Ideal Institute of Technology	21/12/18	3 rd
16	17A31A0584	P Charishma	Cryptography for cloud	Poster	Ideal Institute	21/12/18	3 rd

		Devi	computing	presentation	of Technol ogy	8	
17.	16A31A0535	V.Hanikya	Poster	Screenless Dispplay	Vasavi college of engineer ing	19/8/20 18	3 rd
18.	17A31A0537	D Pavan Venkat Sai	Vision based approaches for Coal Mining	Poster presentation	Ideal Institute of Technol ogy	21/12/1 8	3 rd
19	17A31A0594	V Supriya	Digital India	Poster presentation	Ideal Institute of Technol ogy	21/12/1 8	3 rd
20	18A31B0522	N.Sidhvi	IOT Info Graphics	Poster presentation	Aditya college of engineer ing	16/09/1 8	2 nd
21	18A31B0519	M.Vinosh					
22	18A31A0590	V.Rohini	Block Chain Technology	Paper presentation	Aditya college of engineer ing	16/09/1 8	2 nd
23	18A31A0564	D.Alekhy					
24	17A31A0545	K. Deva Kumar	Number Plate Detection Using Python	Project	JNTU K	13/12/1 8	2 nd
25	17A31A0546	K. Koushik Sri Sai					
26	17A31A0553	K. Sai Teja					

WORKSHOPS/SEMINARS/GUEST LECTURES CONDUCTED:

1. A total of 110 students of first year CSE have attended a guest lecture on “Future Trends in Technology” by Prof. S V Ramana Murthy, President, Code Thantra, Hyderabad on 24-01-2019.
2. A Guest Lecture on “**Higher Education & Conduira online classes**” by Md.Abdullah for III & IV year students (57) on 28/11/2018
3. A Seminar under Career Guidance on “**Educational Fair with International University Officials**” by VALMIKI ,Foreign Education Services for III & IV Year students(103) on 27/11/2018
4. A Two day workshop on “**Big data Analytics using Hadoop**” Organized by CSE & IT in association with Leading India.ai, Bennett University,Noida for II & III Year students(103) from 16/11/2018 to 17/11/2018 by Dr. Pankaj Kumar Sharma &Mr.AshwinPerti,ABES Engineering College,Ghaziabad.



- 6-day FDP on “**Machine Learning and its Real Time Applications**” Programme, conducted in association with E&ICT Academy, NIT Warangal at Pragati Engineering College from 27th August 2018 to 1st September 2018.



NPTEL ONLINE COURSES**NPTEL ONLINE COURSES DONE BY THE FACULTY:**

Course Name	Faculty Name	Certificate Type
The Joy of Computing using Python	MAGA VENKATA RAJESH	Elite+gold
Data Base Management Systems	T.NIROSH KUMAR	Elite
Introduction to Machine Learning	S RAOCHINTALAPUDI	Elite
Introduction to Machine Learning	LAKSHMI VIVEKA K	Successfully completed
Introduction to Machine Learning	DARAPU UMA	Successfully completed
Introduction to Machine Learning	KAKARLA GANGA DEVI BHAVANI	Successfully completed
Introduction to Machine Learning	A.HARINI	Successfully completed
Introduction to Machine Learning	G KUMARI	Successfully completed
Introduction to Machine Learning	SRIKANTH KOSARAJU	Successfully completed
	ANNEMNEEDI	

Introduction to Machine Learning	LAKSHMANARAO	Elite
Introduction to Machine Learning	JNAPIKA Y	Successfully completed
Deep Learning	S RAOCHINTALAPUDI	Successfully completed
Blockchain Architecture Design and Use Cases	SOMA SEKHAR TURANGI	Successfully completed
Introduction to R Software	LAKSHMI VIVEKA K	Elite
Introduction to R Software	ANNEMNEEDI LAKSHMANARAO	Elite
Cloud Computing	KETHA PAVAN KUMAR	Elite

NPTEL ONLINE COURSES DONE BY THE STUDENTS:

STRIDES December 2K18

Technical event conducted by CSE Department

Eprozyne Dec 2K18 student participation details of CSE Department:





NSS ACTIVITIES REPORT

INTERNATIONAL SOLIDARITY DAY CELEBRATIONS

International Solidarity Day has celebrated by the NSS Unit of CSE Department on 20th December 2018.

Events Conducted 1) Paper Presentation 2) Poster Presentation



“INDEPENDENCE DAY” celebrations



1. The NSS Unit celebrated **National Farmers Day** on 22-12-2018. Poster and PPT competitions were conducted to NSS Volunteers.
2. The NSS Unit observed **National Minority Rights Day** on 18-12-2018.
3. A **Blood Donation camp** was organized in the college campus in association with Rotary Blood Bank, Kakinada on 14-12-2018. A total of 102 donors donated their blood.
4. The NSS Unit observed **World Human Rights Day** on 10-12-2018
5. The NSS Unit in association with G S L Dental College, RJY conducted a Awareness Programme on **Oral Cancer and Pre Cancer** on 01-12-2018
6. On 26-11-2018 the NSS Unit celebrate **Constitution day**.



7. NSS unit of the college in association with NCC Unit of the college observed **Communal Harmony Week** from 18th Nov to 25th Nov, 2018. In the college. Volunteers carried a fund raising Programme and a total of Rs7,500 was collected and sent to National Foundation for Communal Harmony, New Delhi.
8. The NSS Unit in association with NCC conducted **National Unity Day Programme** on 31-10-2018.
9. On 24-09-2018 the NSS Unit celebrated **NSS Day**. The competitions conducted are:
 1. Essay Writing(1000 words)- “Role of Students in Nation Building”
 2. Drawing competition: Swachh Bharat theme
 3. Photography: Any message oriented
 1. The number of students participated from CSE department are
Essay writing competition: 22 Drawing competition: 4
10. The NSS Unit in association Programme **PFMS and EAT** on 11-09-2018 with JNTUK, Kakinada organized a one day orientation Module to all NSS Pos of East & West Godavari District.
11. The NSS Unit organized a **Fund Rising Programme** for white cane day of Indian Association for Blind on 20-08-2018. The collected amount is send to the Indian Association for Blind
12. The NSS Volunteers are participated in **Independence Day** Celebration at JNTUK, Kakinada on 15-08-2018. 100 volunteers are attended to this Programme.
13. The NSS Unit organized **Swachhata Pakhwada** from 01-08-2018 to 15-08-2018 in college campus and surampalem village.
14. On 21-07-2018 NSS Unit participated in a fire safety and management mock drill at RAK Ceramics Pvt.Ltd.
15. The NSS Unit observed **Nelson Mandela International Day** in association with Hope ofr Change Club on 18-07-2018.
16. The NSS Unit participated in NSS **Swatch Bharat Internship** from 11-06-2018 to 01-07-2018.

ACADEMIC TOPPERS

Admitted Batch	Year & Semester	Branch & Sec.	HT No	Name of the Student	SGP A & %		
2017	II-I	CSE-A	17A31B0531	PEDDIREDDY SOWMYA	9.73		
			17A31B0532	SAKSHI RAJESWARI	9.18		
		CSE-B	17A31A0528	SETTIPALLI DHARANI	9.18		
			18A35A0501	CHELLUBOYENA MOUNIKA	9.18		
		CSE-C	17A31A0573	MADDUKURI LAKSHMI SUREKHA	9.45		
			17A31A0571	KOLA JYOTHSNA	9.45		
		2016	III-I	CSE-A	16A31B0509	KAJA VIJETHA	9.57
					16A31B0505	DOOLLA SAIVENKATATHRYLOKYA	9.29
CSE-	16A31A0532			VADREVU SAI KARTHIKA	10		

		B	16A31A0511	GORASA SAI CHANDANA SIRISHA	9.71
		CSE-	16A31A0593	VASAMSETTI UMADEVI	9.57
		C	16A31A0587	RAJITHA MOKA	9.43
2015	IV-I	CSE-	15A31A0509	GODAVERTY SAI SRI KAVYA	83.50
		A	15A31A0528	PEPAKAYALA DHANA LAKSHMIPARVATHI	82.75
		CSE-	15A31A05B9	S R Y V S HIMATEJ RAMAN DORA	85.75
		B	15A31A0562	ANDEY SIRI CHANDANA	85.63
		CSE-	15A31B0507	GARA ANUSHA KOILA	81.75
		C	15A31B0517	MOTEPALLI MOUNA	80.00

