PRAGATI ENGINEERING COLLEGE
SURAMPALEM
COMPUTER SCIENCE & ENGINEERING

CYBER WAVES- NEWS LETTER

JUL 2016-DEC 2016

VOL #12

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.

Staff List:

S.No.	Name of the Faculty
1	Dr. N. Leelavathy
2	Mr. S.V. Ramana Murthy
3	Dr. M. Radhika Mani
4	Mr. Y. Jaya Babu
5	Dr. Y. V. Ram Kumar
6	Dr.G.Charles Babu
7	Dr.Ch.V.M.K.Hari
8	Mrs.A.Y.Sunitha
9	Mr.M.V.Rajesh
10	Mr. M. Raja Kumar
11	Mrs.S.Sarada
12	Mr. A. Lakshman Rao
13	Mr. B. S. N.V.Ramana Murthy
14	Mrs. Y. Swathi
15	Mr. B. Srinivas
16	Mrs. G Satya Suneetha
17	Mrs. K. Lakshmi Viveka
18	Ms. I. Gayatri Devi
19	Mr .T. Nirosh Kumar
20	Mrs. G Kumari
21	Mr. K. Chandra Sekhar
22	Mr.P Manish Kumar
23	Mr.T. Soma Sekhar

24	Mr. Manas Kumar Yogi
25	Mrs.Y.Jnapika
26	Mr.G.Vijay Kumar
27	Mrs.D.Uma
28	Mr.Chinta Venkata Ramana
29	Ms.R. Sri Divya
30	Mrs.S.Kavitha
31	Mrs U. Sandhya Rani
32	Mrs. R.Kavitha Lakshmi
33	Mr.K.V.Ravi Teja
34	Ms.L.Yamuna(II SHIFT)
35	Mr.K.Pavan Kumar(II SHIFT
36	Mr.Geeta Vijay Kumar(II SHIFT

Faculty Interaction with outside world:

- Dr.M.Radhika Mani, Assoc.Professor of CSE acted as resource person for National Level research Workshop on "Project Management" organized by Department of Computer Science and Engineering at Godavari Institute of Engineering and Technology, Rajahmundry on 27-08-2016.

- Dr.M.Radhika Mani, Assoc.Professor of CSE acted as resource person for Faculty

Development Program on "Recent Trends in Shape based Object Recognition" organized by Department of Computer Science and Engineering at Narayana Engineering College, Nellore on 25-06-2016.

Faculty FDPs

S. No.	Name of the Faculty	Date	FDP/Training Activities/STTPs	Organized by
1	Dr. M. Radhika Mani	06/09/2016 to 11/09/2016	Six Day Workshop on "Latest Technology & Trends"	Adarsh College of Engineering
2	Mr. M. V. Rajesh	08/08/2016 to 12/08/2016	One Week National Level Workshop on "Cloud +/GPU Computing"	JNTUK, Kakinada
3	Mr. B. S. N. V. Ramana Murthy	01/11/2016 to 06/11/2016	Six Day Workshop on "Google Android Developer Fundamentals"	Pydah College of Engineering
4	Mr. B. Srinivas	06/09/2016 to 11/09/2016	Six Day Workshop on "Latest Technology & Trends"	Adarsh College of Engineering
5	Mrs. Y. Swathi	01/11/2016	Six Day	Pydah College of

		to 06/11/2016	Workshop on "Google Android Developer Fundamentals"	Engineering
6	Mrs. G. Satya Suneetha	01/11/2016 to 06/11/2016	FDP on "Data Analytics and IOT"	Sasi Institute of Technology and Engineering, Tadepalligudem
7	Mr. T. Nirosh Kumar	06/09/2016 to 10/09/2016	Five Day Faculty Improvement Program on "GOOGLE Android Developer Fundamentals"	Vasireddy Venkatadri Institute of Technology, Nambur, Guntur District
8	Mr. T. Soma Sekhar	06/09/2016 to 11/09/2016	Six Day Workshop on "Latest Technology & Trends"	Adarsh College of Engineering
		01/11/2016 to 06/11/2016	Six Day Workshop on "Google Android Developer Fundamentals"	Pydah College of Engineering
9	Mrs. Y. Jnapika	16/11/2016 to 21/11/2016	One Week Workshop on "Mobile Application Development using Android"	Shri Vishnu Engineering College for Women, Bhimavaram
10	Mr. G. Vijay Kumar	06/09/2016 to 11/09/2016	Six Day Workshop on "Latest Technology & Trends"	Adarsh College of Engineering
11	Mr. N. Veda Vyas	01/11/2016 to	Six Day Workshop on	Pydah College of

		06/11/2016	"Google Android Developer Fundamentals"	Engineering
12	Mr. K. V. Ravi Teja	06/09/2016 to 11/09/2016	Six Day Workshop on "Latest Technology & Trends"	Adarsh College of Engineering

Student Activities:

"**Vanam Manam**" celebrations in Pragati Engg College on 29-july-2016.

Students participated in the Industrial internship in the year 2016-17.

S. No	Company Name	No. of Students	Roll Number	Name of the student
1	Nmdc Limited	1	14A31A0529	K. Surya Sri
2	Kakinada Seaports Ltd	1	15A31A0509	G. Sai Sree Kavya
3	Logic Matter Pvt Ltd	1	14A31A0518	K. Lakshmi Priyanka
4	Mission R&D	2	14A31A0511	I. Sai Manasa
			14A31A0597	V. Bharathi
5	Miracle	11	13A31A0503	Arthi Bharat Vadodaria
			13A31A0505	Cherukuri Sushmitha
			13A31A0531	Racherla Nikhita
			13A31A0529	Pochiraju Venkata Padmavathi
			13A31A0538	Vedula Havisha
			13A31A0524	Neelam Amulya
			13A31A05A1	Vullaganti Krishna Priya Madhuri
			13A31A0592	Putta Prasanthi
			13A31A0564	Challa Manjuladevi
			13A31A0597	Tummala Snigdha
			13A31A0572	Gundubilli Maheswari
6	Revanth Software Solutions Pvt. Ltd.	9	14A31A0518	Kotturi Lakshmi Priyanka
			14A31A0516	Kanumuri Niveda Varma
			14A31A0511	Ivaturi Sai Manasa
			14A31A0533	Yeleti Aarti
			14A31A0549	Nagadevara Venkata Subrahmanya Seshasai
			14A31A0595	Simhadri Sahithee Saranya
			14A31A0594	Salagrama Valli Mahitha
			14A31A0597	Virodhula Bharathi
			14A31A0571	Godavarthi Sri Kavya

Industrial Visits:

Total of 36 students participated in the Industrial Tour for "Primesoft ESI Pvt. Ltd, Kakinada," on 20/12/16.

PAPER PRESENTATIONS:

4 papers from pragati engg college have been accepted in the 4th International Conference held on 22nd and 23rd of July 2016 at **Guru Nanak Instituitions**, Hyderabad. Two of these are accepted for the **Springer** for publishing in LNNS series. One paper has been accepted for publication in the Journal of Innovations in CSE (**JICSE**) and one paper in the conference proceedings.

IOT WITH CLOUD CENTER OF EXCELLENCE

The IOT with Cloud Center of Excellence is Inaugurated by **Mr.Magnus Marensson**,**CEO (Lofty soft - SWeden)** in the presence of our Chairman Sir Dr.P Krishna Rao garu on 10-aug-2016.

Independence Day Celebrations:

"AWARDING GIFTS FOR MERIT STUDENTS" on the eve of independence day.

ENGINEERS DAY CELEBRATIONS

On the occasion of engineers day celebrations 2016 dept of cse has conducted paper presentation essay writing and quiz competitions, the 3rd year cse – a &b students has organized the event and all the students of cse dept, have actively participated.

CSE FRESHERS DAY

CSE Freshers day is celebrations on Sept 22nd

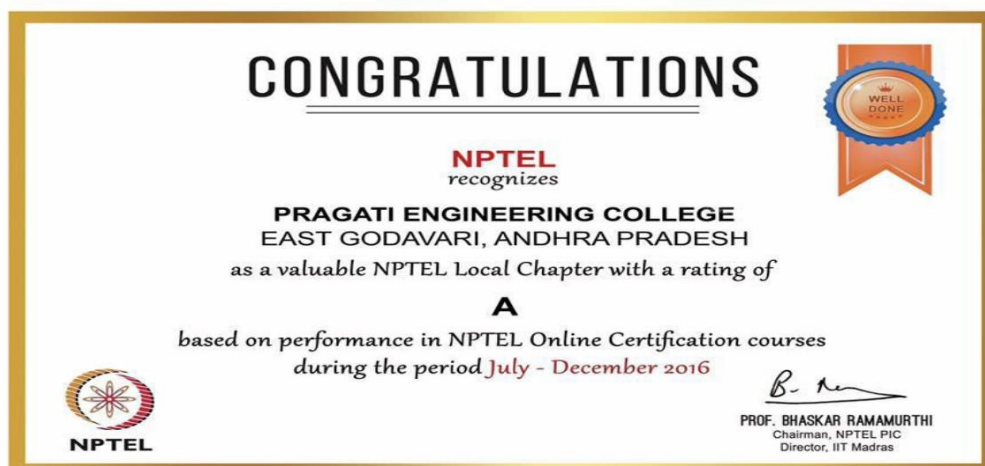Interactive session with **Ms.Deepika Davuluri, Indian Ambassador to NASA** on 20-DEC-2016.

Interactive session with **Ms.Deepika Davuluri, Indian Ambassador to NASA** on 20-DEC-2016.

STRIDES 2K17

Poster release of "STRIDES 2K17" by Dr.Paruchuri Krishna Rao Chairman & other dignitaries on 26 Dec 2017. http://pragati.ac.in/strides2k17/eprozyne/index.html

Pragati Engineering College has been rated as one of the top 100 NPTEL local chapters across country and is **awarded "A" grade.**

ACADEMIC YEAR - 2016-2017

LIST OF RESEARCH PUBLICATIONS IN INTERNATIONAL CONFERENCES

1.   D.S.M.Rishitha, **N.Leelavathy and M.Sushmita, "A SDE – The Future of Cloud" in 4**th International conference on Innovations in Computer Science & Engineering(ICICSE-2016)from July 22nd -23rd ,2016 and accepted for publication in Springer LNNS series.

2.   K Anupama Reddy, K.Gani SreeLekha, **S.V.Ramana Murthy , "Future of Networking" in 4**th International conference on Innovations in Computer Science & Engineering(ICICSE-2016)from July 22nd -23rd ,2016.

3.   V Havis**ha, P V Padmavathi, S V Ramana Murthy, "Cloud Security –** Random Attribute Based **Encryption,"** in 4th International conference on Innovations in Computer Science & Engineering(ICICSE-2016)from July 22nd -23rd , 2016.

LIST OF RESEARCH PUBLICATIONS IN INTERNATIONAL JOURNALS

1.   **K.L.Priyanka, I Sai Manasa, S.V.Ramana Murthy, "Technology for Sustainability," in Journal of** Innovation in Computer Science and Engineering by Guru Nanak Publications, vol 6(1),July-Dec 2016.

2.   Dr.M.RadhikaMani, Dr.Potukuchi DM., Dr.Ch.Satyanarayana**, "A Novel Approach for shape based Object Recognition with Curvelet Transform," International Journal of Multimedia information** Retrieval, Springer, pp 1-10, July 2016,DOI 10.1007/s13735-016-0107-6.

3.   Manas Kumar Yogi, Darapu Uma, **G.Vijay Kumar, "Novel Model** for Trust Management in Distributed **IOT," International Journal for Scientific Research & Development(IJSRD), Vol. 4, Issue 05, 2016** ISSN (online): 2321-0613.

4.   Korumilli Lavanya, G.Satya Suneetha, Rayavarapu Sri Divya**, "A Survey on Hybrid Approach for Da**ta **Sharing in Urusted Cloud Using Secure Mona Protocol," in International journal of Innovative Research** in computer and communication engineering, vol 4, Issue 9, September 2016, ISSN(print):2320-9798,ISSN(online):2320-9801

5.   K.Jyothi, G.Kumari, Dr.M.Radhika Mani, "A Survey on Robust Approach Scheme in DisruptionTolerannt Network for Information Sharing," in International journal of Innovative Research in computer and communication engineering, vol 4, Issue 9, September 2016,ISSN(print):2320-9798, ISSN(online):2320-9801.

6.   L.Durga, I.Gayathri Devi, D.Sireesha, "A Survey on Authentication of Short Encrypted Messages in Pervasive and Mobile Computing," in International journal of Innovative Research in computer and communication engineering, vol 4, Issue 9, September 2016,I   SSN(print):2320-9798,   ISSN(online):2320-9801, DOI:10.15680/IJIRCCE.2016.0409188

7.   Y.Manas Kumar, Y.Jnapika, " Fuzzy logic based N Version Programming for improving Software Fault Tolerance," in International journal of Innovative Research in Multidisciplinary Field, Volume-2, Issue-9,September-2016,ISSN-2455-0620.

8.   Yarlagadda Navya Teja , Dr.M.Radhika Mani, G.Vijay Kumar, " A Survey on Head Posture and Eye Location Information by Gaze Direction Estimation," in International journal of Innovative Research in computer and communication engineering, vol 4, Issue 9, September   2016,   ISSN(print):2320-9798,   ISSN(online):2320-9801 DOI:10.15680/IJIRCCE.2016. 0409180

9.   K.S.R.Manjusha, K.Pavan Kumar, D.Uma, " Video Summarization of Surveillance Videos Using Key Frame Extraction," in International Journal of Computer Science and Technology,Vol 7,Issue 4,Oct-Dec 2016, ISSN(Online):0976-8491,ISSN(Print):2229-4333.

10.   K.Srikanth, M.Rajkumar, A.Lakshman Rao, "Novel Schemes for Spatial Top-K Query Processing for Vulnerable Location Based Service Providers," in International Journal of Computer Science and Technology, Vol 7,Issue 4,Oct-Dec 2016, ISSN(Online):0976-8491,ISSN(Print):2229-4333.

11.   M.Krishna, A.Lakshmana Rao, G.Vijay Kumar, " Effective Novel Method for Handling Non Spatial Attributes and Minimizes Query Response Time," in International Journal of Computer Science and Technology, Vol 7,Issue 4,Oct-Dec 2016, ISSN(Online):0976-8491,ISSN(Print):2229-4333.

12.	V Ravi Teja Kanakala, K.Pavan Kumar, S.Kavitha, " A Hybrid Heuristic Algorithm to Enhance Load balancing in Cloud Environment," in International Journal of Computer Science and Engineering,Volume-4,Issue-11,E-ISSN:2347-2693,Nov 2016.

13.	G.Lalitha, Lakshmi Viveka K, Leelavathy Narkedamilly, "Robust Resource Allocation in Relay Node Networks for Optimization Process," in International Journal of Computer Engineering in Research Trends Vol 3, Issue 11, November 2016, ISSN(O):2349-7084 DOI: 10.22362/ijcert/2016/v3/i11/1211.

14.	Mrs. Venkata Sireesha Pohcimcherla, Leelavathy Narkedamilly, Y Jnapika " Highly Secure Communication using Reversible Texture **Synthesis," in** IOSR Journal of Computer Engineering (IOSR-JCE) Volume 18, Issue 6, Ver. IV , Nov.-Dec. 2016, PP 155-160, e-ISSN: 2278-0661,p-ISSN: 2278-8727, DOI: 10.9790/0661-180604155160

15.	**Kosna Durga Srinivasu, Darapu Uma, "Fall Detection Based on Capturing Images," in International** Journal of Scientific Engineering and Technology Research, Vol.05,Issue 48,December-2016,ISSN 2319-8885.

16.	**Manas Kumar Yogi,Yamuna Lakkimsani, "Appli**cation of Multi Objective Generic Algorithm with **Pareto Optimal Solution Space for Design in IOT," in** International journal of Advanced Research in Computer and Communication Engineering, vol. 5, Issue 12 , December 2016 ISSN (online) 2278-1021, ISSN (print) 2319-5940, DOI 10.17148/ IJARCCE.2016.51204

17.	**P.V.Manoj, Y.Manas Kumar, M.Raja Kumar, "A Customer Side Security Protection Structure Called Ups for Customized Web Search," in International Journal of Computer Science and Technology, Vol 7,** Issue 1, Jan-March 2016, ISSN(Online):0976-8491,ISSN(Print):2229-4333.

18.	**K.L.Priyanka, I Sai Manasa, S.V.Ramana Murthy, "Technology for Sustainability," in Journal of** Innovation in Computer Science and Engineering by Guru Nanak Publications,vol 6(1),July-Dec 2016.

19.	**Korumilli Lavanya**, G.satya suneetha, Rayavarapu Sri Divya**, "A Survey on Hybrid Approach for Data Sharing in Urusted Cloud Using Secure Mona Protocol," in International journal of Innovative Research** in computer and communication engineering, vol 4, Issue 9, September 2016, ISSN(print):2320-9798,ISSN(online):2320-9801

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21. **L.Durga, I.Gayathri Devi, D.Sireesha, "A Survey on Authentication of Short Encrypted Messages in Pervasive and Mobile Computing," in International jour**nal of Innovative Research in computer and communication engineering, vol 4, Issue 9, September 2016, ISSN(print):2320-9798, ISSN(online):2320-9801, DOI:10.15680/IJIRCCE.2016.0409188

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25. G.Lalitha, Lakshmi Viveka K, Leelavathy Nar**kedamilly, "Robust Resource Allocation in Relay Node Networks for Optimization Process," in International Journal of Computer Engineering in Research** Trends Vol 3, Issue 11, November 2016, ISSN(O):2349-7084 DOI: 10.22362/ijcert/2016/v3/i11/1211.

26. **Kosna Durga Srinivasu, Darapu Uma, "Fall Detection Based on Capturing Images," in International** Journal of Scientific Engineering and Technology Research, Vol.05,Issue 48,December-2016,ISSN 2319-8885.

27.   **P.V.Manoj, Y.Manas Kumar, M.Raja Kumar, "A Customer Side Securit**y Protection Structure Called **Ups for Customized Web Search," in International Journal of Computer Science and Technology, Vol 7,** Issue 1, Jan-March 2016, ISSN(Online):0976-8491,ISSN(Print):2229-4333.

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3. **V Havisha, P V Padmavathi, S V Ramana Murthy, "Cloud Security –** Random Attribute Based **Encryption," in 4**th International conference on Innovations in Computer Science & Engineering (ICICSE-2016)from July 22nd -23rd , 2016.

List of Students won Awards within the State in the year 2016-17

S.No	Roll No	Name Of The Student	Topic	Event	Place	Date	Prize
1	14A31A0501	Adabala Sri Ranganayaki Sai Meghana	Robotics for Navigation	Paper Presentation	Aditya Engineering college	15/09/2016	2nd
2	14A31A0505	Chollangi Mohana Lakshmi Saraswathi					
3	14A31A0506	Darapu Harika Durga					

4	14A31A0512	Javvadi Lakshmi Sri Sowmya					
5	14A31A0524	PadalaNavyaSree	Mobile techmolgy for app development	Poster presentation	Ideal Institute of Technology	3/12/2016	1st
6	14A31A0527	Seela Padmini					

Academic Toppers:

S. No.	Adm Batch	Year & Semester	Section	Prize	Name	Roll No.	%
1	2015	I-I	A	I	Raksha Sri Vatsavaya	15A31A0532	88.24
2				II	Aayushi Jain	15A31A0501	88.00
3			B	I	Andey Siri Chandana	15A31A0562	94.42
4				II	Tanikella Sravya	15A31A0594	89.09
5			C	I	Medapati Mounika	15A31B0516	83.52
6				II	Penumarthi Manjubhargavi	15A31B0521	82.06
7	2014	II-I	A	I	Ivaturi Sai Manasa	14A31A0511	87.48
8				II	Kakarlapudi Saranya	14A31A0515	86.32
9			B	I	Simhadri Sahithee Saranya	14A31A0595	86.97
10				II	Nedunuri Saisreeprasanna	14A31A0585	84.00
11	2014	II-II	A	I	Kotturi Lakshmi Priyanka	14A31A0518	88.28
12				II	Vanapalli Himaja	14A31A0530	84.97
13			B	I	Mahankali Divya	14A31A0578	89.52
14				II	Simhadri Sahithee Saranya	14A31A0595	88.97
15	2013	III-I	A	I	Gorrela Sri Parimala	13A31A0571	82.71

16				II	Vullaganti Krishna Priya Madhuri	13A31A05A1	81.42
17			B	I	Pochiraju Venkata Padmavathi	13A31A0529	80.26
18				II	Cherukuri Sushmitha	13A31A0505	79.10
19	2013	III-II	A	I	Vadrevu Lakshmi Manogna	13A31A0536	78.82
20				II	Sreeram Naga Venkata Sai Mounika	13A31A0533	74.35
21			B	I	Gorrela Sri Parimala	13A31A0571	79.06
22				II	Gundubilli Maheswari	13A31A0572	78.71

EDITORIAL BOARD COMMITTEE:

1. Dr.N. Leelavathy- HOD-CSE
2. Ms. L.Yamuna, Assistant Professor,CSE