PRAGATI ENGINEERING COLLEGE

SURAMPALEM

COMPUTER SCIENCE & ENGINEERING

CYBER WAVES -NEWS LETTER

JUL 2016-DEC 2016

VOL #13

FROM H.O.D'S DESK

The Vision of the CSE Department :

To upgrade the department as center of excellence in IT related skills and produce global standards in Software Industry.

The Mission of the CSE Department :

The Department of Computer Science & Engineering is committed to empower the students to face scientific, engineering and technological problems and mould them as problem solvers, thereby creating an eminent resource to drive the society with continuous improvements, ultimately benefiting the mankind, and giving young talented software professionals to the IT Industry.

FACULTY IN THE DEPARTMENT

Dr. N. Leelavathy,Professor
Dr. Y. V. Ram Kumar,Professor
Dr. Charles Babu,Professor
Dr. Sharma,Professor
Mr. S.V. Ramana Murthy,Professor
Mr. Y. Jaya Babu,Professor
Dr. M. Radhika Mani,Assoc. Prof
Mrs. D.Sirisha,,Assoc. Prof
Mr. M. Raja Kumar,Assoc. Prof
Mr. A. Lakshman Rao,Assoc. Prof
Mr. B. S. N.V.Ramana Murthy,Assoc. Prof
Mr K. Surendra,Assoc. Prof
Mr. B. Srinivas,Assoc. Prof
Mrs.S.Sarada,Assoc.Prof
Mrs. Y. Swathi,Asst. Prof
Mrs. G Satya Suneetha,Asst. Prof
Mrs. K. Lakshmi Viveka,Asst. Prof
Ms. I. Gayatri Devi,Asst. Prof
Mr .T. Nirosh Kumar,Asst. Prof
Mrs. G Kumari,Asst. Prof
Mr. K. Chandra Sekhar,Asst. Prof
Mrs G. Surya Kalaeswari,Asst. Prof
Mrs U. Sandhya Rani,Asst. Prof
Mr.T. Soma Sekhar,Asst. Prof
Mrs.R. Kavitha Lakshmi,Asst. Prof
Mr. Manas Kumar Yogi,Asst. Prof
Ms.R. Sri Divya,Asst. Prof
Mrs. P. Manasa,Asst. Prof
Mr. B. Narendra Kumar,Asst. Prof
Mrs.Y.Jnapika,Asst. Prof
Mr.G.Vijay Kumar,Asst. Prof
Ms.D.Uma,Asst. Prof
Ms.P.Suryanka,Asst. Prof
Ms.L.Yamuna,Asst.Prof
Mrs.S.Kavitha,Asst.Prof
Mrs.Y.Sunitha,Assoc.Prof
Mr. K.Ravi teja,Asst.Prof

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

Visit by **Mr.Srinivas**,**CEO,Necx Pvt.Ltd** and explained about latest technologies and deliver the seminar regarding “INTERNET OF THINGS” impact in today’s life styles and also explain about upcoming project on phython for 2 days from 26-july-2016 to 27-july-2016.

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.

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23rd July, 2016
Springer

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.

If you can't make it good, at least make it look good..... Bill Gates
PRAGATI ENGINEERING COLLEGE

Inauguration of
IoT with Cloud
Center of Excellence
At
PRAGATI
Engineering College

AUGUST -15

INDEPENDENCE DAY celebrations in Pragati Engineering College.

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

ENGINEERS DAY CELEBRATIONS

on the occassion 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 22

Great friends are hard to find, Difficult to Leave, impossible to forget i.e., Our Lovely Juniors
DEPT
OF
FRESHERS
fiesta

Great friends are hard to find, Difficult to Leave, impossible to forget i.e., Our Lovely Juniors
DEPT
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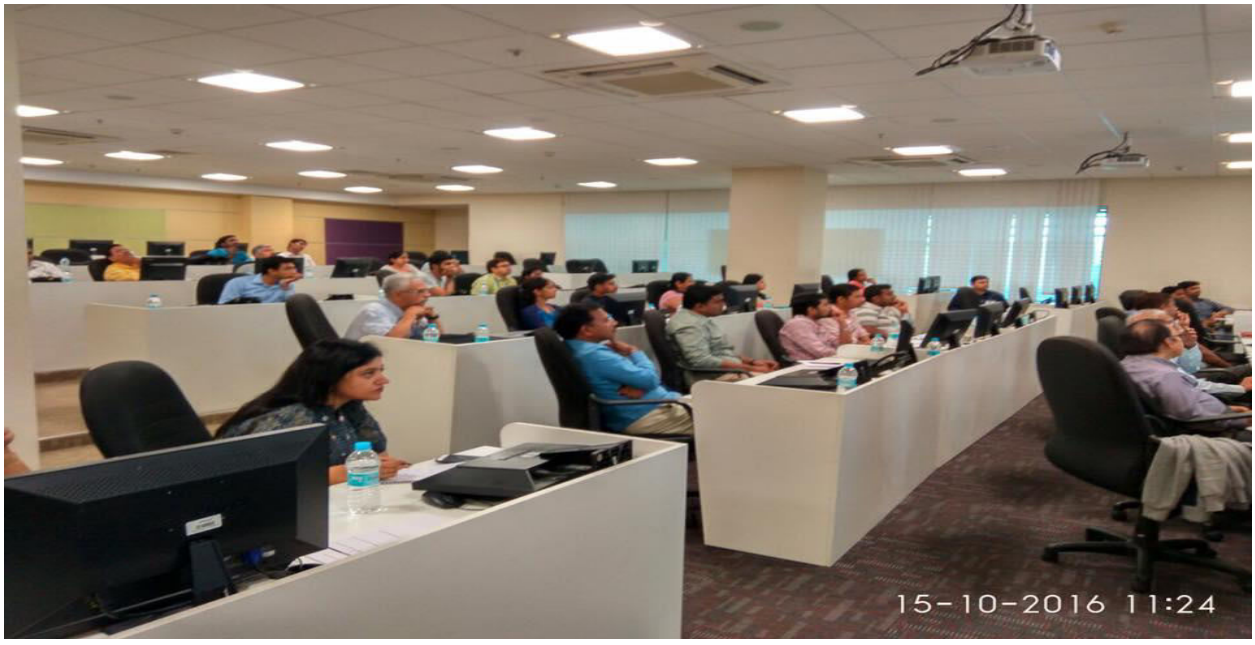
fiesta

Training Program by APHRDI, Bapatla on IOT

Training Program on 21st September, 2016 organized by APHRDI, Bapatla presented by Sri S.V. Ramanamurthy, Dean & Professor of Pragati Engineering College.

• Sri S.V. Ramanamurthy, Dean & Professor of Pragati Engineering College was one of the **RESOURCE PERSONS** and his presentation on basics **of IOT Architecture**, Technology, Utility of IOT in Govt. sector and challenges; made the participants full aware of IOT concept who are basically novice for this new trend.



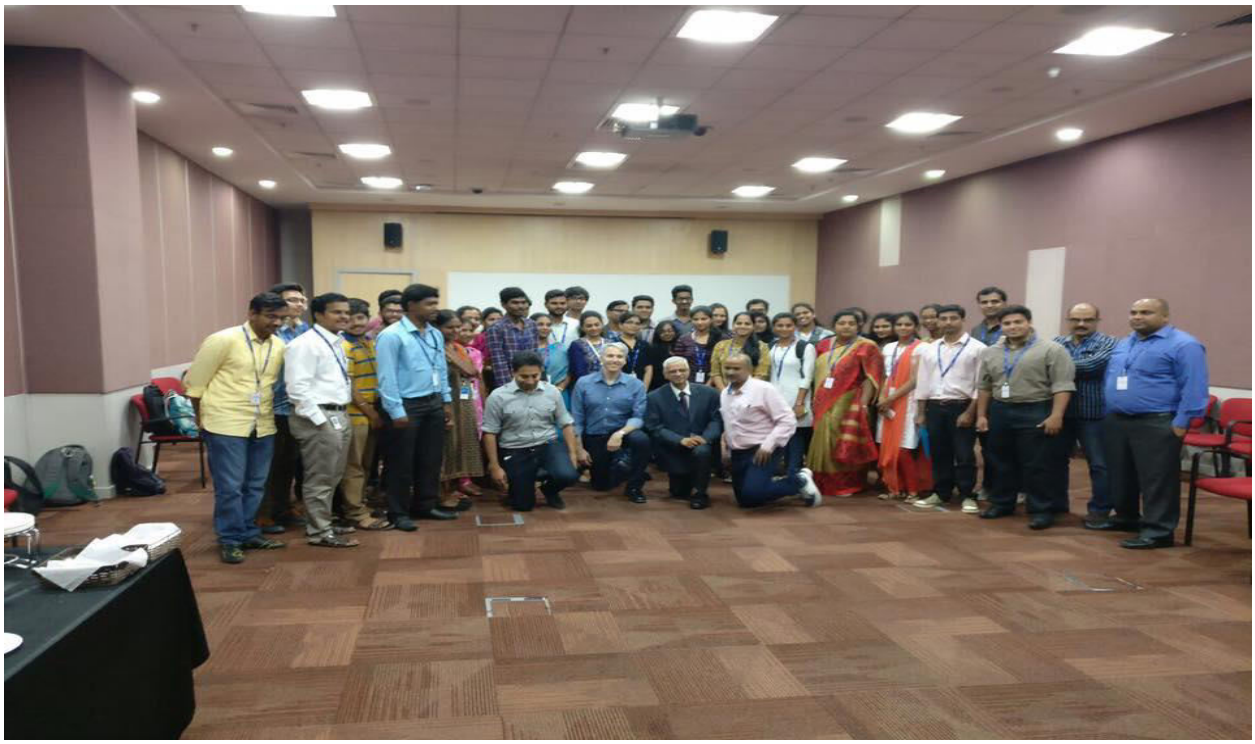
Guest Lecture on "**Cyber Security in Banking Sector**" by **Mr.B.Suri babu, Senior Manager,Swift Inc, USA.**

The third year CSE & IT Students interacted with the speaker and Participated very enthusiastically.

Hearty Congratulations to All **80 students** selected for **Tech Mahindra from 2017** passing out batch.

Prof. S V Ramanamurthy Delivering invited lecture on IoT: Technology, building blocks, applications and challenges at **Virtusa Polaris for HYDSPIN** members in their Knowledge sharing session.

Professor Ramanamurty, MSPs Priyanka and Manasa interacted with Microsoft Redmond team to discuss about the Microsoft's products in Education on oct 17



Celebrations of **Rashtriya Ekta Diwas** (Sardar Patel's birth anniversary).

CONGRATULATIONS TO **PRATIBA AWARDEES** ON NOV 8 2016.

Visit of **Mr.Stanley George**, Location Head-HR, **Hexaware Technologies** on 10th December,2016.

World Citizenship
Competition
Games
Competition

INAUGRATED THE SIEMENS CBT LAB

Visit of **Mr.D.P Das, Deputy General Manager-HR, L&T**. on DEC 13.Dr.Ghanta Subba rao,CEO of APSSDC,along with Dr.Lakshmi and Dr.Srinivasulu Reddy and Mr. Bhaskar Prasad, senior director, siemens have inaugrated the SIEMENS CBT Lab at Pragati Engineering College.They were accompained by Prof Trimurthulu, advisor to the AP Government.

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

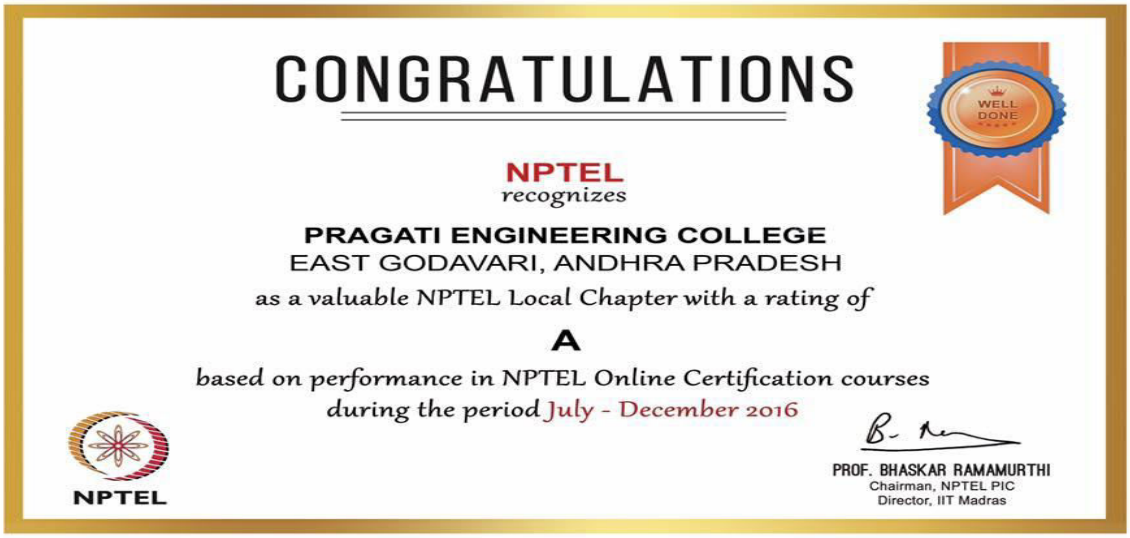
DISTRIBUTED THE APSSDC ANDROID DEVELOPMENT TRAINING CERTIFICATES

Mr.M.Satish, Vice President,Dr.S.Sambhu Prasad, Principal,Prof.S.V.Ramana Murthy have distributed the APSSDC Android Development training certificates to the Students of 3rd, CSE & IT.

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.



Rating of NPTEL Local Chapters : AAA - Ranks 1 to 10; AA - Ranks 11 to 50; A - Ranks 51 to 100

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 4th 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 4th International conference on Innovations in Computer Science & Engineering(ICICSE-2016)from July 22nd -23rd ,2016.
3. V Havisha, 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.

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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. D.Sirisha, G.Vijaya Kumari, " Minimal Start Time Heuristics for Scheduling Workflows in Heterogeneous Computing Systems," Elsevier, Springer International Publishing Switzerland 2016,LNCS 9581,pp 199-212,2016, DOI:10.1007-3-319-28034-9_27
4. 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.
5. 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

6. K.Jyothi, G.Kumari, Dr.M.Radhika Mani, "A Survey on Robust Approach Scheme in Disruption Tolerannt 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.
7. 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, ISSN(print):2320-9798, ISSN(online):2320-9801, DOI:10.15680/IJIRCCE.2016.0409188
8. 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.
9. 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
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.

15. Mrs Venkata Sireesha Pochimcherla , 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
16. 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.
17. Manas Kumar Yogi,Yamuna Lakkimsani, "Application 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
18. 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.
19. **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.
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Results:

- **II-II Results(2014 admitted batch):**

Toppers list: CSE-A

1. Kotturi Lakshmi Priyanka (14A31A0518)- **88.28**
2. Vanapalli Himaja (14A31A0530)-**84.97**

Toppers list: CSE-B

1.Simhadri Sahithee Saranya (14A31A0595)- **88.41**
2. Putta Kamala (14A31A0592)- **87.17**

- **I-II Results(2015 admitted batch):**

Toppers list: CSE-A

1. Medapati Mahesh Reddy (15A31A0554) **- 91.52**
2. Aayushi Jain (15A31A0501) - **88.48**

Toppers list: CSE-B

1. Andey Siri Chandana (15A31A0562) - **91.5**
2. S R Y V S Himatej Raman Dora (15A31A05B9) - **91.6**

Toppers list: CSE-C

1. Medapati Mounika (15A31B0516) - **84.12**
2. Motepalli Mouna Saisanjana (15A31B0517) - **84**

EDITORIAL BOARD COMMITTEE:

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