PRAGATI ENGINEERING COLLEGE

SURAMPALEM

COMPUTER SCIENCE & ENGINEERING

CYBER WAVES -NEWS LETTER

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VOL #2

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. Ch. Ravi Shankar
Prof. S.V.Ramana Murthy
Prof. M.Joseph Prakash
Prof. N.K.Kameswara Rao
Prof. A. Nageswara Rao
M.Raja Kumar
M V Rajesh
A.Lakshmana Rao
P.Narayana Rao
Ch. Seshadri Rao
BSNV RamanaMurthy
VLN Phaneendra Kumar
D.Jyothirmayi
Y. Swathi
M. Naresh Babu
S. Rajesh
A. Sreekanth
Ch. Ramya
O. Srinivasaa Reddy
K. Lakshmi viveka
S. Venkateswarulu
G.Satya Suneetha
H.Raja Ramesh
I. Gayatri Devi
K. Vydehi
T. Nirosh Kumar
V.Surya Prakash
Tomesh Jain
G. Kumari
L. Harika
R V Chandra Sekhar
Ch. Venkata Ramana
Y. Prasanna

Faculty attended conferences/ Workshops / Seminars

- Mr.B S N V Ramana Murthy, Asst.Professr and H.Raja Ramesh, Asst.Professor and M.L.Prasanthi, Asst.Professor attended workshop on "Mission10X" at KIET, Korangi on 3rd-7th may 2010

- Mr. M.Joseph Prakash, Professor attended an international conference on signal and image processing on 25th may 2010.

- Mr. M. Joseph Prakash, Professor and Mr. N. K. Kameswara Rao, Professor attended a conference on "A Syntactic approach to inter ECE analysis" at Gurunanak Engineering College, Hyderabad on 11th -13th June 2010.

- Mr. M. Joseph Prakash, Professor and Mr. N. K. Kameswara Rao, Professor attended a conference on "Data Warehousing" at SRKR Engineering College, Bhimavaram on 15th -18th , June 2010.

- Sri T. Soma Sekhar, Asst. Prof and Sri T. Siva Ramakrishna, Asst. Prof attended "Virtualization & Cloud Computing", "E-Learning & Effective Teaching" at UGC staff college , JNTU, Hyderabad on 24th -25th Sep 2010.

- Mr. V. L. N. Phanindra Kumar, Asst. Prof attended a national conference on "Aviodance of loops in OSPF with multiple inactive routers" at Aditya Engineering College, Surampalem on 24th -25th Sep,2010.

- Mrs. P.Srilatha, Asst. Prof attended a national conference on "Remote Desktop Visual Monitoring & Control" at Aditya Engineering College, Surampalem on 24th -25th Sep,2010.

- Mrs M.L. Prasanthi Assoc. Prof, Sri B.S.N.V. Ramana Murthy, Asst Prof and Sri H. Raja Ramesh, Asst Prof. attended "Mission 10x" at KIET, Kakinada, on 7th – 8th Oct, 2010
- Mr. M.Joseph Prakash, Professor attended an international conference on Recent Advances in Technology, Engineering, Management &Science on 4th-6th march 2011.

- Mr. B.S.N.V. Ramana Murthy, Asst. Professor, Mr. H. Raja Ramesh, Asst. Professor and Mrs. M.L.Prasanthi, Asst. Professor attended a workshop "Mission10X" at KIET, Korangi on 3rd-7th may 2010

- Mr. T. Soma Sekhar, Asst. Prof attended a work shop on "Virtualization & Cloud Computing" at UGC staff college , JNTU, Hyderabads on 24th -25th Sep 2010.

- Mr. B.S.N.V. Ramana Murthy, Asst. Professor, Mr. H. Raja Ramesh, Asst.Professor and Mrs. M.L.Prasanthi, Asst.Professor attended a workshop "Mission 10x" at KIET, Korangi, on 7th – 8th Oct, 2010

- Mr. A. K. Chaitanya, Assoc Prof. and Mrs. M.L. Prasanthi, Assoc Prof. attended a workshop on "Mobile Computing" at Guddlavalleru Engineering College, Guddlavalleru, on 29th and 30th Oct, 2010.

- Ms.K.Satyasri,Asst.Professor,attended "International Symposium and Expo on Comprehensive Enterpreneurship" along with students on 4th-6th Dec 2010.

- Mr. Ch.Seshadri Rao, Asst.Professor attended a two day national level workshop on "Embedded realtime operating systems" at BVC Engineering College, Amalapuram on 22nd-23rd Jan 2011.

- Mr. Ch.Seshadri Rao, Asst.Professor attended national seminar on "Corporate governance" at Visakhapatnam on 26th-28th Feb. 2011.

- T.Nirosh kumar, Asst.Professor attended one day workshop on "project work" organized by VITA, Visakhapatnam on 10th Sep 2011.

Faculty Achievements

- Mr. M.Joseph Prakash, Professor of CSE presented a paper on "An approach for texture segmentation based on random field model and wavelet fusion" during an international conference of signal and image processing in may 2010.

- Mr. M. Joseph Prakash, Professor presented a paper on "A syntactic approach to ECG analysis" during an international conference on Emerging trends in Signal processing & VLSI design in Hyderabad in June 2010.

- Mr. M. Joseph Praksah, Professor published a paper on "A Novel Approach for Texture Segmentation based on Mathematical morphology" in International Journal of Signal Processing, Image Processing and Pattern Recognition, Korea in Jan 2011.

Guest Lectures/Workshops conducted:

- Department of Computer Science & Engineering, Pragati Engineering College conducted a Guest Lecture on "Mobile computing & Information Security" on 17th & 18th July 2010". Dr. N. Vijaya Ragan, Sr. Scientist, Innovation labs, TCS, Chennai was the Resource person.

- Department of Computer Science & Engineering, PRAGATI ENGINEETING COLLEGE Conducted "SAP Technologies " Guest lecture on 02nd Aug 2010". Mr. A.Krishna chaitanya, Assc. System Engineer, IBM India(Pvt) Ltd . had given guest lecture on "SAP Technologies" Between 10:00 A.M. To 4:00 A.M on 02nd Aug 2010

- Department of Computer Science & Engineering, Pragati Engineering College conducted a Guest Lecture on "Motivation for Entrepreneurship" on 9th Aug 2010.Sri Janardhan Pyda,CEO,Stanford Technology,USA was the Resource person.

- "Intensive Industrial Motivation Campaign" was conducted by Micro,small and medium Enterprises Development Institute,Visakhapatnam on 3rd Dec 2010.

- Department of Computer Science & Engineering, Pragati Engineering College conducted a Guest Lecture on "SAP Technologies" on 4Th Sep 2010. Mr. A. Krishna Chaitanya, Assoc. system Engineer, IBM India (pvt) Ltd. was the Resource person.

- Department of Computer Science & Engineering, Pragati Engineering College conducted a Guest lecture on "Service Oriented Architecture" on 20th Sep 2010, Mr. D. Deepak Kumar, Sr. Technical Associate, Tech Mahindra Ltd Hyderabad was the Resource person.

- Department of Computer Science & Engineering, Pragati Engineering College conducted a workshop "Computing Freedom in Engineering-A Free Software perspective" on 7th December 2010 by Swetha team.

- Inauguration of ISTE CHAPTER by Dr.E.V.Prasad,Director,IST,JNTUK,Kakinada on Feb 14th 2011.In this connection a workshop was conducted by CSE department on "Cloud Computing and its Applications" by Mr.K.Sudheer Reddy,Lead,Campus Connect,Infosys.

- Department of Computer Science & Engineering, Pragati Engineering College conducted third edition of data connect " DATA CONNECT-11" on 8th-11th Jan 2011 in association with CyberSiblings as a part of STRIDES-2011.
  This program includes the following events.
  - Afisa(Paper Presentation)
  - Ekthesi(Project Display)
  - Guest Lecture on Animation

  - Guest Lecture on Microsoft Azure

- Workshop on Web Applications Security

Industrial visits

- An industrial visit was organized with the students of III CSE-B along with assigned faculty Mr.A.K.Chaitanya & M.L.Prasanthi to TCS,Chennai on 13th jan2011.

- An industrial visit was organized with the students of III CSE-A along with assigned faculty Mr.T.Nirosh Kumar&Mrs.S.Geetha to TCS ,Chennai on 17th jan2011.

- An industrial visit was organized with the students of III CSE along with assigned faculty Mr.CH.Seshadri Rao,Mr.T.Soma Sekhar,Ms.I.Gayatri Devi,Mrs.S.Geetha to kenexa Software Solutions,Vishakapatnam on 20th Feb 2011.

Students Achievements:

- Nishith Raj Jain, student of III year CSE-B , has participated in Quiz and won the 1nd prize at Adroit-10, held at GIET, Rajahmundry

- B.Neeraja student of III year CSE-B, has participated in Paperpresentation Cloud Computing and won the 2nd prize in Adroid-10 ,GIET, Rajahmundry

- S.Ramya- student of III year CSE-A, has participated in Paperpresentation Cloud Computing and won the 2nd prize in Adroid-10 ,GIET, Rajahmundry.

- G.Surekha - student of III year CSE-B, has participated in Paperpresentation Cloud Computing and won the 3rd prize in Veda2010,Aditya,Surampalem

- G.Divya student of III year CSE-B, has participated in Paperpresentation Cloud Computing and won the 3rd prize in Veda2010,Aditya,Surampalem

- Mr. Nishith Raj Jain, student of III year CSE-B, participated in quiz and poster presentation on "Direct to home" and won the 1st prize at Adroit-10, held at GIET, Rajahmundry.

- Mr. P. Phani Kumar, Ms. B. Neeraja of III Year CSE–B and Ms. S. Ramya, of III year CSE-A participated in "Transparent security & cloud computing" and won the 2nd prize in Adroid -10, GIET, Rajahmundry.

- Mr. Nishith Raj Jain, student of III year CSE-B, participated in quiz competition and won 2nd prize in ENCURSO 2011 at JNTUK on 13th-14th March 2011.

- Mr. Nishith Raj Jain, student of III year CSE-B, participated in PROFUNG(QUIZ) competition and won 2nd prize in ZEITGEIST'11 at JNTUK on March-2011.

- Ms.S.Ramya of III CSE-B Participated in poster presentation in ZEITGEIST'11 at JNTUK on March-2011.

- Mr. M. Jayanth, Mr. A.C.V Pramod, and Mr. V. Siva shamala Rao of III CSE - B participated and presented a paper on "Ethical Hacking" at Adroit -10, GIET, Rajahmundry.

- Mr. K.Surya Kiran and Mr. D.Santosh Kumar of III CSE – B presented a paper on "Virtualization" at Adroid-10 ,GIET, Rajahmundry.

- Mr. Nishith Raj Jain, student of III year CSE-B, participated in Mega quiz competition and won 1st prize in Resolutions 2k11 event at KITS,Divili.

- Mr. Nishith Raj Jain, student of III year CSE-B, participated in quiz competition and won 2nd prize in COLOURS-2011 at Aditya Engineering College,Surampalem.

- Ms.B.Neeraja of III CSE-B , participated in quiz competition and won 2nd prize in Poster presentation held at EKATHRA-2011,Gayatri Vidya Parishad,Vishakapatnam.

- Ms.S.Ramya of III CSE-B , participated in quiz competition and won 2nd prize in Poster presentation held at EKATHRA-2011,Gayatri Vidya Parishad,Vishakapatnam.

- Ms.B.Neeraja , Ms.S.Ramya of III CSE-B selected for finals of Inter college E-Plus club challenge 2011,held at Aditya Engineering College,Surampalem.

- Ms. K.Vineela of III CSE - A presented a paper on "Mobile Computing" at Adroid-10 ,GIET, Rajahmundry.

- Ms. V. Nageena of III CSE - A presented a paper on "Image processing" at Adroid-10 ,GIET, Rajahmundry.

- Ms. G. Surekha, Ms. G. Divya of III year CSE – B won 3rd prize at VEDA-10, Aditya Engineering ,College, Surampalem.

- Mr. M.Raja and Mr. E.B.Ravi Chandra of IV CSE-B participated and presented a paper on Artificial Intelligence at VEDA-10, Aditya Engineering College, Surampalem.

- G. Surekha, G. Divya students of III year won 3rd prize in "Veda 2010",at Aditya Engg. College, Surampalem.

- M Jayanth, A.C.V Pramod, and V. Siva shamala, participated in "Ethical Hacking" held at Adroit -10, GIET, Rajahmundry.

- D.Santosh Kumar student of III year CSE-A , has participated in Paper Presantation "Virtualisation" held at Adroid-10 ,GIET, Rajahmundry

- A.K.Surya Kiran student of III year CSE-A , has participated in Paper Presantation "Virtualisation" held at Adroid-10 ,GIET, Rajahmundry

- P.V.Ajay student of IV year CSE, has participated in Paper Presantation held at Strides 2010 Pragati Engineering College Surampalem

- S Venu Madhuri student of IV year CSE, has participated in Project Display held at Strides 2010 Pragati Engineering College Surampalem

- Y.Keerthi student of IV year CSE, has participated in Project Display held at Strides 2010 Pragati Engineering College Surampalem.

- Ch.V.Anjani Supriya, student of II year CSE-B , has participated in Paper Presantation "Cloud Computing " held at AFISA@STRIDES 2011, Pragati Engineering College, Surampalem

- T.Lakshmi, student of II year CSE-B ,has participated in Paper PresEntation "Cloud Computing " held at AFISA@STRIDES 2011, Pragati Engineering College, Surampalem

MAY – 2010 Results :

I YEAR

Subject Name	Students Appeared	No.of Passes	Pass Percentage
English	117	116	99.15
Mathematics – I	117	87	74.36
Mathematical Methods	117	96	82.05
Applied Physics	117	98	83.76
C Programming and Data Structures	116	88	75.86
Electronic Devices and Circuits	117	89	76.07
Basic Electrical Engineering	116	102	87.93
Engineering Drawing	117	82	70.09

II B.Tech II Semester:

Subject Name	Students Appeared	No.of Passes	Pass Percentage
Environmental Studies	141	117	82.98
Data Base Management Systems	141	112	79.43
Software Engineering	141	112	79.43
Principles of Programming Languages	140	105	75.00
Computer Organization	140	112	80.00
Object Oriented Programming	141	105	74.47

III B.Tech II Semester:

Subject Name	Students Appeared	No.of Passes	Pass Percentage
Object Oriented Analysis and Design	135	130	96.30
Operating Systems	135	125	92.59
Compiler Design	135	123	91.11
Computer Networks	135	116	85.93
Artificial Intelligence and Neural Networks	134	116	86.57
Information Security	133	113	84.96

IV B.Tech II Semester:

Subject Name	Students Appeared	No.of Passes	Pass Percentage
Management Science	125	123	98.40
E-Commerce	124	119	95.97
Human Computer Interaction	124	118	95.16

Student Admitted in 2006 Batch : 120
Studnt Passed in all Subjects : 96
Pass Percentage : 80.00 %

Nov – 2010 Results:

II B.Tech I Semester:

Subject Name	Students Appeared	No.of Passes	Pass Percentage
UNIX and Shell Programming	127	96	75.59
Probability and Statistics	127	106	83.46
Advanced Data Structures	127	92	72.44
Digital Logic Design	127	91	71.65
Managerial Economics and Financial Analysis	127	102	80.31
Mathematical Foundations of Computer Science	127	99	77.95
Total Pass Percentage	**127**	**66**	**51.97**

III B.Tech I Semester :

Subject Name	Students Appeared	No.of Passes	Pass Percentage
Formal Languages and Automata Theory	141	102	72.34
Software Testing Methodologies	142	123	86.62

Computer Graphics	141	111	78.72
Microprocessors and Interfacing	140	110	78.57
Data Communication Systems	141	121	85.82
Design and Analysis of Algorithms	142	121	85.21
Total Pass Percentage	**139**	**82**	**58.99**

IV B.Tech I Semester :

Subject Name	Students Appeared	No.of Passes	Pass Percentage
Software Project Management	135	127	94.07
Data Warehousing and Data Mining	133	108	81.20
Mobile Computing	135	118	87.41
Web Technologies	133	123	92.48
Network Programming	133	117	87.97
Advanced Computer Architecture	134	118	88.06
Total Pass Percentage	**131**	**87**	**66.41**