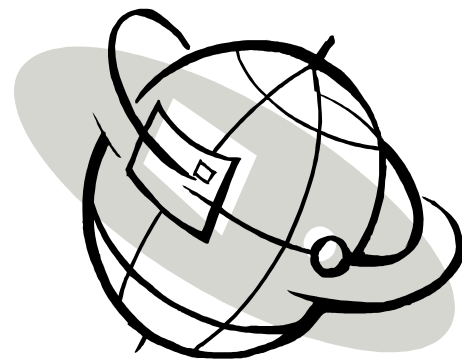


Department of Information Technology

Newsletter

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Invited Talk on Video Processing

Video Processing has been a research topic that draws much attention since 1998s. Building a machine that can read as human beings do is still one of the grand challenges of the current computer science. However, Video Processing has been applied to various fields such as , traffic automation, intelligent security system, inspection, etc. These applications are good examples how to find practical solutions to problems in the real fields with technologies on hand, and to startup businesses. In this talk, the overview of Video Processing and brief history is presented. Then some topics was introduced by Dr. Mohan explained in regard to what the industrial needs were, what the key technology was, and how they did the research and development. Finally future applications and technical challenges of Video Processing and related pattern recognition technologies is discussed.

Venue: Cyber Block Seminar Hall,

Date: Jul. 23, 2011

Time: 11.00 AM – 1.00 PM

Speaker: Dr. C. Krishna Mohan, IIT-Hyderabad.

"Peace cannot be kept by force. It can only be achieved by understanding."
-Albert Einstein

Academic Results

	IV/IV (I Sem)	III/IV (I Sem)
Students appeared	130	123
Students passed	123	82
% pass	94.61	66.66

Research Papers published in Journals

- ✚ Sri N.Venkateswara Rao Asst.Prof. Dept. of CSE RVRJCCE , **Dr.A.Sri Krishna Prof. Dept. of IT RVRJCCE**, Dr.B.Raveendra Babu Director Technical, Delta Software Systems, **Sri G.Rammohan Babu Asst.Prof. Dept. of IT RVRJCCE**, have published a paper on "An efficient Feature extraction and Classification of Hand Written digits using Neural Networks", International Journal of Computer Science, Engineering and Applications (IICSEA) Vol 1, No.5, October 2011.
- ✚ **Sri M.Kiran Kumar Lecturer Dept. of IT RVRJCCE**, **Sri B.Hemanth Kumar Asst.Prof. Dept. of IT RVRJCCE**, have published a paper on "Comparative study on relational data sets and XML data sets in J2EE systems", IJCSE, Vol.3, No.11, November 2011.
- ✚ **Sri M.Kiran Kumar Lecturer Dept. of IT RVRJCCE**, has published a paper on "Secure data transfer based on conventional encryption techniques including Random numbers key generation", IJLTC, Vol.2, No.3, September 2011.
- ✚ **Sri M.Siddardha Kumar Lecturer Dept. of IT RVRJCCE**, has published a paper on "A feasible theoretical approach on attainment of malicious cks in wireless sensor Networks" IJCIS, Vol3, No.3, September 2011.

Visit of Inspection Committee

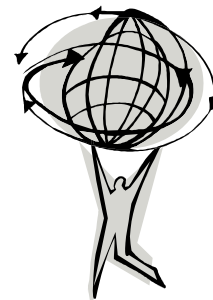
- ✚ Autonomous Committee visited the department on 26th, September, 2011 to grant Autonomous status from academic year 2012.

Guest Lecturer Delivered by Faculty

- ✚ Sri M.Ramesh, Asst.Prof has delivered a Guest Lecture on "**CLOUD COMPUTING**" on 03.08.2011 at Padmasri B.V. RAJU College of Computer Education, Bhimavaram.

Seminars/Workshops/Conferences/Short Term Courses/Symposia attended by the Faculty:

- ✚ Sri M.Ramesh, Asst.Prof., & Sri B.Hemanth Kumar Asst.Prof., have attended a National work-shop on “**Computer Networking & Security**”: during 08.07.2011 to 09.07.2011 at Vignan Institute of Engineering for Women (VIEW), Visakhapatnam.
- ✚ Sri M.Ramesh, Asst.Prof have attended a National work-shop on “**The Brave New World of Cloud Computing**” organized by INSIGHTS-2011, CSI Chapter, Pune on 27.08.2011 at Central Inn, Pune.
- ✚ Sri M.V.Bhujanga Rao , Sr.Lecturer, Sri R.Nagaraju Lecturer have attended International Conference on Web Services Computing during 14-10-2011 to 15-10-2011 at SCMS School of Technology & Management Cochin, Kerala.
- ✚ Dr.A.Sri Krishna Prof., Sri B.Venkateswarlu, Asst.Prof., Sri M.Ramesh, Asst.Prof., Sri G.Rammohan Babu Asst.Prof., Sri G.Srinivasa Rao, Asst.Prof., Sri M.Kiran Kumar Sr.Lecturer, Smt. N.Neelima , Lecturer have attended A National Seminar on Image Processing and it's Applications during 03-12-2011 to 04-12-2011 at University College of Engineering, Acharya Nagarjuna University, Guntur.
- ✚ Sri M.V.Bhujanga Rao, Sr.Lecturer has attended Workshop on High Performance Computing during 08-12-2011 to 09-12-2011 at MIT Campus, Anna University, Chennai
- ✚ Sri B.Venkateswarlu, Asst.Prof., Sri M.V.Bhujanga Rao , Sr.Lecturer have attended Workshop on Image and Speech Processing on 17-12-2011 at IIIT, Hyderabad.
- ✚ Sri M.Pompapathi Sr.Lecturer, Sri V.Sesha Srinivas Sr.Lecturer have attended workshop on CLOUDS 2011 on 26-12-2011 at JNTU Anathapur.



Papers Published by Students

- ✚ Ms. P.Pallavi(Y9IT881), Ms. M.Priyamsa(Y9IT861), Mr. V.Harshna Vardhan(Y9IT915) have presented a paper on “**Comparative study on Denoising Schemes**”, a National Student Convention – 2011 organized by CSI Visakhapatnam Chapter held on 24.10.2011, Visakhapatnam, A.P.
- ✚ Ms. M.Gayathri (Y9IT864), Ms. P.Sneha(Y9IT880), Ms. P.V.Satyavani(Y9IT891) have presented a paper on “**Digital Watermarking - Steering the Security of Future**”, a National Student Convention – 2011 organised by CSI, Visakhapatnam Chapter, held on 24.10.2011, Visakhapatnam, A.P.
- ✚ Mr. A.Vamsikrishna(Y6IT805), Mr. Ch. Pavan Teja(Y6IT824) have presented a paper on “**Morphological Background Detection and Enhancement of Color Images with poor lighting**”, International Conference on **Advances in Computer Sciences ACS 2010**, held on Dec 20-23, Trivandrum, Kerala, India.

“The most important single aspect of software development is to be clear about what you are trying to build.”

- B. Stroustrup

Campus Agreement

- ✚ College Campus agreement with Microsoft in renewed to install a range of Microsoft products on computers located on campus.

Lab Upgradation

C1 and C2 Lab is upgraded on 28, August 2011 with the following high end computer systems.

Description	Quantity	Laboratory
Desktop HP ELITE 7100 Core i2 with 1TB	40	CII
Monitor HP 20" – XN374AA	40	CII
Desktop HP ELITE 7100 Core i2 with 500GB	30	CI
Monitor HP 15.6" TFT – NJ711AA	30	CI

Training

IV/IV B.Tech(IT) Students attended the following Training Programs.

Trainers	Quantity	Duration
Jalapati Sridhar, Emerge Academy, Hyderabad	CRT programme	07.08.2011 to 15.08.2011 (9 days)
Department of IT/CSE/CA Faculty Members	Basic concepts on C, OOPS, DBMS, DS & OS	21.08.2011 (1 day)

Audience	Name of the Programme	Name of the Recourse Person & Name of the Company	Date/Period
III/III & IV/IV B.Tech Students	CRT	M/s. Emerge Placements & Training Academy Pvt. Ltd., Hyd.	07.08.11 – 12.08.11 14.08.11 – 15.08.11 (Mock Interviews)
III/III & IV/IV B.Tech Students	CRT	M/s. Triumphant Training Solutions, Hyd.	31.10.11 – 04.11.11 05.11.2011 (Mock Interviews)
III/III B.Tech Students	CAP	M/s. Triumphant Training Solutions, Hyd	10.11.11 8.10 AM – 09.50 AM
III/III & IV/IV B.Tech Students	IBM/DB2 (Work Shop)	JKC IEG	16.11.11 – 18.11.11
III/III & IV/IV B.Tech Students	Careers in Recession	Mr.ADITHYA LANKA (MBA – IIM, Calcuta) Director, CONDUIRA & Mr.MOHAMED ABDULLAH (M.Tech – IISc, Banglore) Co-founder, CONDUIRA	17.12.2011

“Imagination is the beginning of creation. You imagine what you desire, you will what you imagine and at last you create what you will.”

--George Bernard Shaw

Irish dramatist & socialist (1856 - 1950)