Chapter News –
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Student Branches –
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2. Kanpur Institution of Technology (KIT), Kanpur
Region III
3. ITM Universe, Gwalior
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4. Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam
5. *East Point Group of Institutions (EPCET), Bangalore
6. Guru Nanak Engineering College (GNEC), Hyderabad
7. K L University, Vaddeswaram, Andhra Pradesh
8. R V College of Engineering (RVCE), Bangalore
9. Vaageswari Engineering College, Karimnagar
Region VI
10. Anuradha Engineering College, Chikhli
11. *Mumbai Education Trust’s Institute of Computer Science (MET), Mumbai
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12. Excel College of Engineering for Women, Pallakapalyam, Tamilnadu
13. Mar Baselios College of Engineering (MBCET), Trivandrum

(* Indicates inauguration of student branch.)
Region I
Delhi


The Bharati Vidyapeeth’s Institute of Computer Applications and Management (BVICAM), New Delhi, in collaboration with IEEE Delhi Section, ISTE, Delhi Section, BVP CSI Students’ Branch, New Delhi, Guru Gobind Singh Indraprastha University (GGSIPU), Delhi and Institution of Electronics and Telecommunications Engineers (IETE), Delhi Centre, Jagdishprasad Jambarmal Tibrewala University (JJTU), Jhunjhunu, Rajasthan, organized 5th National Conference on “Computing For Nation Development” during 10th – 11th March, 2011 followed by 4th National Students’ Convention; NSC – 2011 on 12th March, 2011.

The fifth edition of this mega event again witnessed the presence of highly eminent speakers, professionals, technocrats, senior delegates from different wings of the IT industry and various government organizations. The sole aim of this annual event, organized regularly as per its calendar since last five years, is to provide a launch pad and a platform to researchers and IT professionals from all over the country to showcase their innovative ideas and computing concepts in general and uses of Information and Communication Technologies (ICT) in particular that could be better implemented for the overall development of the Nation. Over 400 delegates from different parts of the country spread over academics, industries, Government Organizations, Research Laboratories in addition to over 50 invited speakers, panelists and sessions chairmen and around 300 students participated in the conference.

The overwhelming response received for INDIACom(s) from participants from all over the country and overseas, year after year since 2007, shows its deep penetration and well acceptance amongst the researchers and technocrats all across the country. This fifth edition of the conference declared as INDIACom – 2011 received over 500 papers from all across the country including 18 papers from overseas researchers. After a series of tough review exercises, 309 papers were recommended to be accepted for presentation in INDIACom – 2011 in various groups; Group-I, Group-II and Group-III, during the two days under four parallel tracks in sixteen sessions. Out of these 309 papers, a set of 184 papers were further recommended for publication in the hard copy of the Pre-Conference Proceedings having both ISSN and ISBN serials. Out of these 184 papers, 134 full papers and 50 extended abstracts have been published. All 309 paper have also been published in the soft copy of the
Conference Proceedings. These papers represent a wide variety of research topics in all the emerging areas besides traditional and core computational areas. Some of the application oriented papers provide extensive information about the new areas where computing can really be useful for the overall prosperity of the mankind, which in turn might facilitate the overall growth in the country using Information and Communication Technologies.

Mr. Rakesh Tandon, Managing Director, IRCTC Ltd., New Delhi, was the chief Guest. During his Inaugural Address, he highlighted the role of Information and Communication Technologies in the nation development. He discussed the success factors of the e-Governance model of the Indian railways, in general and IRCTC in particular. He said that national events like INDIACom will certainly prove to be a constructive platform to channelize and synergize the available potentials and the efforts of researchers. The chief convener of the conference, Prof. M. N. Hoda, past Chairman, CSI Delhi Chapter and Director, BVICAM, New Delhi, said that we must take IT to each and every section of the society, for the better employment and the health of the people from rural India, which constitute to be more than 70% in the country. He emphasized upon the fact that in order to make India as a developed nation, it is vital to take care of the issues of the rural India and ensure the penetration of Information and Communication Technologies (ICTs) into day to day lives of the 70% rural population of the country and bring the technology closer to these unreached section of the society. Prof. Ranjit Singh, Chairman, ISTE Delhi Section, briefed the audience about the activities of the ISTE and have also invited academic fraternity to actively get involved with ISTE. Wing Comd. K. C. Bhardwaj, Chairman, IETE, Delhi Centre, has discussed about the timeliness and significance of the theme “Computing For Nation Development”. He also highlighted the activities of IETE Delhi Centre.

During the Inaugural Session, Proceedings of the Conference; INDIACom – 2011 and 4th National Students’ Convention; NSC - 2011 with ISSN and ISBN serials; both hard and soft copies were released. The fifth issue of the BIJIT; the BVICAM’s International Journal of Information Technology, was also released on this occasion. Prof. Col. K. C. Tiwari, Principal, BVCOE, presented a brief report of Bharati Vidyapeeth, Delhi, Mrs. Anu Kiran Jain, Convener, INDIACom - 2011 presented vote of thanks. The inaugural session was conducted by Mrs. Parul Arora, Lecturer, BVICAM, New Delhi.

The entire event spanned over two days under four parallel tracks having sixteen technical sessions of paper presentations covering various aspects of IT and their implementation to catalyze the overall growth and development process. The audience got a glimpse of limitless avenues as the participants poured in their virgin concepts of harnessing the power of computation to the tip of the tooth.

The first track, having four technical sessions, titled Digital World, was mainly focused on how different aspects and wings of IT can be useful for the development of the country. It comprised of presentations over the newly evolving facets of computing that could be a boon for the overall national development. The various aspects of computing that were solicited for the presentations covered IT for Education, Health and Development, Sustainable Agricultural Development, Environmental Sustainability, Crisis Prevention and Recovery, Disaster Management, and E-Governance, to name a few. The different research papers presented by participants also gave an insight into the empowerment of the disabled through IT, which in itself is a challenging job. Special emphasis was laid on bridging the digital divide between the layman and the technically robust by strengthening the hold of IT – spatially as well as socially. The respective sessions for the track were chaired by Prof. K. P. Aggarwal, CIM, Patna, Dr. Namrata Aggarwal, NIFM, Faridabad, Dr. S. M. K. Quadri, PGDCS, Kashmir University, Kashmir and Dr. Ajit Singh, SCS, BPSMV, Sonipat.

The second track, having four technical sessions, titled Web Technologies, Computer Networks and Information Security, was aimed at exploring the current trends and activities
being employed to strengthen the security over networks and the usage of the web to empower and catalyze education and e-learning. The sessions aimed at providing interdisciplinary forum for the exchange of ideas concerning web applications, information security and computer networks. It focused on the evolution of web applications towards the development of improved Flooding Protocol for wireless censor networks, next generation Internet, and handling security issues in WMAN based on IEEE standards with advanced approach. The respective sessions for the track were chaired by Dr. M. U. Bokhari, Chairman, DCS, AMU Aligarh, Prof. M. N. Doja, JMI, New Delhi, Prof. Dharmendra Kumar, Dean, FET, GJUST, Hisar, and Dr. D. K. Lobiyal, JNU, New Delhi.

Databases, Software Engineering and Enterprise Resource Planning was the talk of the third track also had four technical sessions. Innovative concepts and ideas poured in from the participants on the measures of software engineering and the importance of ERP. The participants and speakers brought to light some of the latest concepts in the field of ERP and Software Engineering, providing research content to IT students and professionals. Many fresh concepts and ideas were explored covering a gamut of topics namely Hardware Reliability and Optimization, Queuing Theory, Software Maintenance and Software Reliability. The respective sessions for the track were chaired by Dr. S. A. M. Rizvi, DCS, JMI, New Delhi, Prof. C. P. Kutty, JNU, New Delhi, Prof. P. K. Kapur, University of Delhi, and Dr. Vasudha Bhatnagar, University of Delhi, Delhi.

The fourth and the last track, having four technical sessions, talked about yet a futuristic topic titled, High Performance Computing, to enable effective and most cost efficient computing for real time systems in the coming years. The track comprised of latest emerging fields of Knowledge Management, Artificial Neural Networks, Expert System Innovations, Data Mining, Business Intelligence, Bioinformatics and Image Processing, etc. The initial sessions elaborated on how expert systems have changed from being a subject of research to the position where they are in practical use as advice and support systems in industry and commerce. The later sessions offered newer possibilities with strategic planning while addressing organizational needs firmly based on new technologies in Data Mining and Decision Support Techniques, The respective sessions for the track were chaired by Dr. V. B. Aggarwal, CEO, Pitamber Infovision, New Delhi, Prof. Sufiyan Beg, Computer Engg, JMI, New Delhi, Prof. P. C. Saxena, JNU, New Delhi and Prof. Manohar Lal, IGNOU, New Delhi.

Along with the presentations and invited talks, two panel discussions; first on the topic “Leveraging ICT for Quality Teaching – Learning System” and second on the topic “Computing For Nation Development” were also conducted.

The first panel discussion was moderated by Prof. K. Subramianan, Former DDG, NIC. The panelists were Mr. Sanjay Sharma, Project Head, TCS, Mr. I. P. Singh, Scientists, CSIR and Dr. C. R. Chakravarthy, Former Director, SAG, DRDO, New Delhi. Speakers illustrated the impact of ICT for overall improvement of Teaching Learning System. Technology has the power to drastically improve the learning capacity. Social networking sites, like facebook, etc. can also be used to collaborate globally for sharing of latest information. They pointed out how faculty development programme in educational institutions especially the computer faculty at urban and rural levels can help in producing a highly aware and tech-savvy generation. It also discussed various mechanisms for inculcating the drive among IT students ‘to think out of the box’ and collaborate globally with the help of technology.

The second panel discussion was moderated by two young students BVICAM; Amrita and Rahul. Panelists were Mr. R. K. Vyas, University of Delhi, Delhi and RSC, CSI, Mr. V. K. Gupta, Hony. Secretary, IET, Delhi Local Network, Mr. Sumit Aggarwal, HeadStrong, Gurgaon, and Mr. V. K. Verma, TCS, New Delhi. They gave their words of wisdom in their respective areas of work. The panelists talked about how computing has improved efficiency, work productivity at minimum cost and how has it helped to gain overall national growth.
The audience felt enlightened with the ideas put forth and perceived a refreshing vision for research and experimentation to evolve newer technologies that could contribute for nation development and empowerment.

Finally, post the panel discussion, a Valedictory Session was organized to mark the end of the two-day long conference. Prof. M. N. Hoda, Chief Convener, announced that INDIACom – 2012 will be organized during 23rd – 24th February, 2012 followed by NSC-12 on 25th February, 2012.

On the 12th March, 2011, the 4th National Students’ Convention (NSC - 2011) was organized. This event was a part of the ongoing INDIACom – 2011 and was primarily focused upon providing a platform to the young IT students and scholars. NSC is a mega event which is a depiction of youth, its ebullience and its channelized synergy. Besides paper presentation, NSC also played host to a volley of cultural and technical events, including the Website Designing competition, Quiz, Programming challenge, Brainstorming, Hardware Assembly, Group Dance competition, LAN Gaming, E-Tambola contest, Face Painting competition, Collage making, Antakshari, Rangoli making and Race Against Time challenge, etc.

All the competitions received tremendous response in terms of participation. More than 500 students nationwide showed interest in participating and winning various events at the NSC-2011. There were prizes over a total worth of Rs 1.00 Lac that were distributed to the winners along with the certificates of merit. The teams who won the prizes were from amongst the Institutions of International repute like IIT Roorkee, NITs, Delhi College of Engineering, University of Delhi, Jamia Millia Islamia, MAIT, GGSIPU, etc.

BVICAM played perfect host to conduct the NCS-2011 extremely flawlessly, and hence it proved to be an exhilarating experience for all those attending the event and a rather satisfying one for those who organized it, because it was much more successful and larger than as anticipated. Data Quest was the media partner for the Conference.

(Prof. M. N. Hoda)
Director, BVICAM
Chief Convener – INDIACom - 2011
RSC – Region – I.
Under the auspices of Computer Society of India, Kolkata Chapter, Computer Society of India, Region II and Indian Statistical Institute, Kolkata, Regional Student Convention 2011 was held on February 25, 2011 at the Platinum Jubilee Building Auditorium of Indian Statistical Institute, Kolkata. The day-long programme commenced with words of welcome by Prof. D.P. Mukherjee, Regional Vice-President, CSI, Region II. Prof. Phalguni Mukherjee, Regional Student Coordinator and Convener, RSC 2011 narrated the genesis and details of the programme. The programme was inaugurated by renowned Educationist Prof. D. Dutta Majumder, Emeritus Professor, Indian Statistical Institute and Fellow, CSI. He spoke about the roles of CSI and ISI in promoting research and teaching in Computer Science and Technology in the country. In his remark, he mentioned that the first indigenous computer was built in ISI and Computer Society of India had its first convention in ISI, Kolkata. The vote of thanks was given by Prof. Arun Kumar De, Organising Chair, RSC 2011.

The inaugural programme was followed by the Keynote address of Prof. Nilocas Ragot, University Francois, France on OCR Technologies: Past, Present and Future. Mr. Jaidip De of SPSS South Asia made a corporate presentation of SPSS after tea the break.

Immediately after this, paper presentation contest for the students began. The first half of the Session was chaired by Mr. D.P. Sinha, Fellow CSI and the later half was chaired by Prof. S. Thakur, MCKV College of Engineering. The Judges were Prof. P. Datta of Visva Bharati, Prof. A. Chakraborty of AKCSIT, University of Calcutta and Prof. D.D. Sinha of University of Calcutta. Altogether 20 papers in different areas of IT were presented. The paper presentations evoked a good deal of interest. About 180 participants, including 150 students from different Engineering Colleges and universities were registered as delegates to the convention. The results were very much close and finally both the first and second positions were jointly shared by two teams and the third position to a single team. Prof. Phalguni Mukherjee gave away the prizes to the members of the winning teams. The convention ended with a note of congratulation addressed to the contestants by Prof. A.K. De. The Prize winners are:

**First Position:** Amrita Som, AKCSIT, CU and Prabir Kumar Naskar JU

**Second Position:** Rahul Verma, Suman Nandi and Biplab Ghosh MCKV and Pratip Kumar Biswas – JIS College, Kalyani

**Third Position:** Srijita Neogy and Ipsita Koley, MCKV College of Engineering

The student convention was supported by many academic institutions and a corporate houses.
Dr Phalguni Mukherjee
Student Co-ordinator
Region – II (East / North East States), CSI
Region IV
Bhilai
30-31 March 2011: National Workshop on “Research avenues of digital image processing in context to medical imaging”

National workshop approved by Computer Society of India (CSI) was held during 30-31 March 2011 in Shri Shankaracharya College of Engineering and Technology (SSCET), Bhilai. This workshop was organized jointly by department of Information Technology and CSI education directorate Chennai. This program has been listed as a “CSI-Education-Product” of Computer Society of India. The theme of the workshop was based on “Research avenues of digital image processing in context to medical imaging”. It was inaugurated by Dr B C Mal, Hon’ble Vice Chancellor of Chhattisgarh Swami Vivekanand Technical University (CSVTU) Bhilai on 30th March. Dr. Bhagwant Singh, Registrar of CSVTU was guest of honour and Shri I P Mishra was presiding guest in inaugural ceremony.

All the sessions were conducted by Dr. G.R. Sinha as a resource person for this workshop. Dr. G.R. Sinha is working as Professor of Electronics & Head of Information Technology department in SSCET Bhilai. He was convener of the workshop also. In this prestigious workshop 79 registered candidates participated. The participants were faculty members, research scholars, PhD scholars of various Engineering colleges. The participation covered 5 states in India viz. Delhi, Andhra Pradesh, Uttarpradesh, Madhya Pradesh and Chhattisgarh.

On first day three sessions were conducted. In the first session, overview of image processing, introduction to research in image processing and motivational lectures on image processing were delivered. In second session, the participants learned about various research avenues in digital image processing. How is image processing research conducted, was explained giving special reference to computing software MATLAB. Third session emphasized about the challenges and limitation of biometric security technologies. How do the researchers contribute towards meeting the challenges of “AADHAR” project of central government, was particularly discussed and some probable solutions were suggested. The problem of memory space constraint and large processing time were addressed.

Second day included three sessions, panel discussion and a practical session. In first session, the participants were exposed to Lab-work that covered three programming languages viz. MATLAB, SPIP and imageJ. All the participants enjoyed this session very interactively. They
learned how to write programs in completing the research work in the field of image processing and medical imaging. Second session addressed the possible research areas using image processing such as remote sensing, satellite imaging, nano imaging, underwater imaging and forensics science research. The research problems were identified in these areas and viable solutions were addressed. Third session included digital image enhancement and its role in the field of medical imaging. It was explained to the candidates how enhancement techniques can help in detection of breast cancer, detecting bone fracture, DNA synthesis etc.

An assignment was given to all the participants about their research interest, research plan, and research outcome and research objectives. Evaluating this assignment, Dr Sinha selected six participants for panel discussion. The suggestions of the panel discussion were considered as the part of recommendations.

In addition to the above, the participants also learned how to write research papers, how to do literature survey, how to cite the references etc. Moreover, a senior radiologist Dr Dilip Soni delivered a lecture on different modalities of medical imaging. He motivated the participants by emphasizing the need of image processing research in X-ray, Mammograms, MRIs, fMRIs and other radiographic modalities. He also admitted that many research works can be carried out for early detection of lung cancer and breast cancer.

Finally, a valedictory function was held on 31st March and chief guest for this programme Shri Abhishek Mishra distributed the certificates of Education directorate of Computer Society of India Chennai to the participants.

A feedback was taken in writing which summarized and called for more and more workshops in future on image processing and related fields.

**Recommendations:**

Some of the recommendations of this workshop are as under:

1. There is no general purpose theory in image processing therefore research works in Image processing carried out to find robust approach;
2. The scholars should refer only high quality transactions and journals for preparing their research plan and research objectives;
3. Elsevier journals, IEEE papers, Springerlink journals may be referred to prepare the literature survey;
4. GIS based image processing research needs to be done for mitigating the NAXALISM or Maoist problem prevailing in the country;
5. Content based image retrieval should be used heavily for medical imaging;
6. More works need to be done in reducing the processing time in all image processing applications and meeting the challenges of huge databases in biometric systems;
7. The limitations of AADHAR project of central government may be taken as new research area of image processing;
8. The number of workshops should be conducted atleast twice in a year in the field of image processing;
9. A focus needs to be given to the problems faced by the industry using image processing applications;
10. Industrial people should also be involved in this kind of workshop;
11. More number of research works need to be carried out in architecture level i.e. parallel architecture and parallel computing to optimize the image processing tasks;
12. An awareness needs to driven to the masses about the use of biometric applications;
13. A great amount of help can be rendered to the society in the field of medical image processing particulary in early detection of breast cancer and lunger cancer;
14. The project proposals are required to be submitted to various funding agencies in the field of medical imaging;
15. All the projects related to medical imaging can be taken as the part of socio-economic reforms for the country;
16. The image processing research can be widely applied in weather forecasting and remote sensing applications;
17. The research work needs to be done in the field of agriculture using image processing so as to guide our farmers by analysing the moisture level, soil analysis and suitability of land for a suitable crop etc;
18. A group should be formed on image processing for carrying out the research works and discussing the various problems together.

Dr. G.R. Sinha, Convener
All eyes were glued to the huge screen. With each passing question, heads came together, hush-hushing the answer. While a few students sat scratching their heads, others clenched their fists in frustration. Fewer still sat under the comfort of utter ignorance. Soon, it was answer-time. And, at once, the quiet auditorium was engulfed by a cacophony of phenomenal enthusiasm, which set the tone for the event. The National Science and ICT Fun Quiz conducted by Computer Society of India (CSI), Coimbatore Chapter on 4th March, 2011 at Coimbatore Institute of Technology (CIT) Auditorium was for students of middle school from 6th to 9th standards and saw participation of over 450 teams (900+ students) from schools in Hyderabad, Bangalore, Kochi, Pune, Kolkata, Chennai, Coimbatore, Nilgiris, Tirupur, Erode, Karur, Dharmapuri and Tenkasi. This was the national finals. Earlier CSI has conducted this quiz in 6 other cities during February 2011. The Cash prize for the winning team is Rs. 25,000. The total prize money up for grabs was over Rs. 2.0 Lakhs. Earlier in the day, the Coimbatore leg of the regional finals for the quiz was held with the best quizzing team from Coimbatore moving on to the finals.

The finalists for the nationals were Defence Laboratories School, Hyderabad; Carmel School, Bangalore; Sri Sankara Senior Secondary school, Chennai; St Joseph’s High School, Pune; Rajagiri Public School, Cochin and Vidhya Niketan, Coimbatore.

After the end of a pitched battle that featured various rounds like crosswords, buzzer round, pick the personality, pick the logo and rapid fire, Manu R and Aashish S of Carmel School, Bangalore bagged the trophy, a gift hamper, and went home richer by Rs.25,000 between them. They were followed by Pavithra R and Anish P of Vidhya Niketan, Coimbatore who took home a trophy, gift hampers and Rs. 10,000. The third place was won by Appoose M.D and Raneez Rensudeen of Rajagiri, Cochin. There were plenty of questions for the audience too. Quiz master Vinay Bhushan from India’s leading quizzing company, Greycaps commands special mention for making the quiz thoroughly enjoyable – for both the participants and the audience.

The prizes were distributed by Mr. M. Krishnan, MD, Sri Krishna Sweets, who is also the President of Indian Chamber of Commerce and Industry, Coimbatore. Mr. Ranga Rajagopal, National CSI Quiz Convener gave an overview of the event. Mr. Mahendra Kumar,
Chairman, Computer Society of India (CSI), Coimbatore Chapter welcomed the gathering and Mr. Prashant R. Nair, Secretary proposed the vote of thanks. Dr. S. Subramanian, Chairman, Division 3 of CSI and Mr. N. Valliappan, Regional Quiz Convener also addressed the gathering during the prize distribution.

CSI Coimbatore chapter had been conducting an IT quiz for the children of Coimbatore since 2008. This time, the event was expanded to cover Science as well considering the declining trend for children to opt for pure science as a profession. The event had Microsoft as the Main sponsor and Cisco as the gold sponsor. The event was supported by EZVidya, ABT Info.Net, Netcon Technologies and CSI student chapter of Coimbatore Institute of Technology (CIT).
National Conference on ICT for Social Empowerment of Rural India was a joint endeavour of CSI and Tata Institute of Social Sciences (TISS), which was held on 20th and 21st April, 2011 at TISS, Mumbai. There were more than 25 speakers from industry, academics and government had deliver sessions on various topics. The Conference was graced by the presence of a galaxy of dignitaries. Some of them are as follows -

Ms. Amita Sharma (Joint Secretary, Government of India)
Mr. Anthony Wong (President SEARCC)
Mr. MD Agrawal (President CSI)
Prof. Parasurman (Director TISS)
Dr. Vishnu Kanhere (Chairman Mumbai Chapter, CSI)
Dr. Bino Paul (Associate Professor, TISS)

The conference was started with welcome speech by Dr. Vishnu Kanhere and emblazoned by the motivational speech delivered by Mr. MD Agrawal, in which he promised to provide a new dimension of CSI through collaborative effort. Apart from five sessions and two plenary sessions a release of book by Ms. Amita Sharma and paper presentation by scholars were the main highlights of the two-day Conference.

The conference came to an end with the valedictory ceremony where MD Agrawal, President CSI gave the concluding remarks. Dr Parasuraman, Director, TISS addressed the audience with overarching ideas and themes of curbing corruption through e-governance that emerged at the end of this national conference.

On behalf of CSI and TISS Mr. MD Agrawal and Prof. Parasuraman had kept promise that every year this Conference will be organized to empower the society through ICT. The conference closed with a positive note of developing further collaborations
between TISS & CSI followed by photo sessions, memento and certificates, which were presented to the delegates, and volunteers for encouragement and appreciation.

Report by

Mr Fahim Pasha
Region VII
Tiruchirappalli
15 March 2011: A Lecture on “Developing Applications Using VB.NET”

On Behalf of the Computer Society of India (CSI) – Tiruchirappalli chapter, CSI Student Branch, Mepco Schlenk Engineering College, Sivakasi conducted an event on the DOT NET. The event was conducted by Mr. A. Annamalai Samy, Senior Project Leader, Essar InfoTech, Sivakasi. Our Program Co-ordinator R Prasanth gave introduction about Mr. Annamalai Samy. The Speaker shared his experience on VB and .Net. He explained us how to create Desktop applications and Web applications. The presentations were mind blowing.

He also shared his views on XML based Web Services and the services that are supporting .Net like Application Center, Biz Talk Server, etc. He delivered the requirements of applications like short development, testing lifecycles, reducing software development, etc. After presenting the slides for the favour of students he showed us a practical example by connecting front end and back end. He created an username and password application and explained that. At the end, feedbacks from the members of CSI were shared. Finally the vote of thanks was presented by S. Uma Chairperson of Computer Society of India and the event ended with the grand success.

VB.Net Session in progress

22 March 2011: Guest lecture on “Evolution of Mobile Technology”

A lecture was organized by CSI Tiruchirappalli chapter on 22 March 2011 at Smt. Indira Gandhi College, Tiruchirappalli, Tamilnadu for students of UG & PG Computer applications and faculty members. The objective of the lecture was to expose the history of mobile systems, the wireless communication revolution and the future of Mobile communication. Mr. M.K. Nallakaruppan, Assistant Professor, Dept. of Computer Science & Engineering, M.A.M. College of Engineering and Technology was the resource person and he started the lecture by explaining the Generation of the mobile system and mobile communication system with various terminologies. Then he discussed about the GSM services which is enhanced with GSM and EDGE services, which supports high speed internet, videoconferencing and multimedia with the comparison of 2G and 3G. He also
explained the future of Mobile communication is defined by 4G which uses the beyond 3G concept on GERAN(Generic Radio Access Network) and expands it with the aid of WI-MAX with the services of 4G infrastructure provides Enhanced Mobile Gaming, Personal media repositories, Virtual presence, and Broad band Access in remote areas. The session received overwhelming response from the audience.

Prof. S. Ravimaran  
Secretary- CSI Tiruchirappalli Chapter  
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CSI Student Branch of Chandigarh Engineering Colleges (CEC) Landran, Mohali in association with CSI Chandigarh’s Chapter has organized a seminar on the topic of “Medical Image Processing” on dated 05th Mar, 2011 at CEC Landran, Mohali.

Dr. G.S. Singh, Chairman, CSI Chandigarh Chapter was the Chief Guest while Dr. A.K.Paul, Scientist CSIO, Shri D.N. Mishra, Hon. Secretary CSI Chandigarh Chapter, Dr.Sanjay Sood, Head, ACS, CDAC Mohali, Dr.Viren Sardana,CSIO, Mr.Subhash Sharma, Ex Senior Manager, IT Govt. of HP & Principal Consultant were the guests of Honour.

The distinguished speakers were Dr. Sanjay Sood and Dr. Viren Sardana. The Seminar covered Concept of basic understanding of medical imaging, explained what medical images can offer to medical practitioners and researchers and also about the telemedicine i.e the new buzz word amongst the healthcare administrators around the world. The talk was highly informative. It generating lots of interactions amongst the participants and was well appreciated. The seminar was attended by more than 80 CSI student members and some faculty members from the computer Science Department.
The seminar was attended by more than 80 CSI student members and some faculty members from the computer Science Department.
The Techno-Cultural Fest TechniKon’11 was organized by FCITECA in association with KIT-CSI Student Branch from 24th Feb. – 26th Feb., 2011. The competition provided a platform for all engineering students as well as school students of different colleges & schools in Uttar Pradesh to showcase their talent to experts from academia/industry, getting valuable suggestions from judges and knowledge sharing with students of other colleges.

The Fest was coordinated by Mrs. Shubha Jain (Assoc. Professor & Head, C.S.E. & IT Dept.), Mr. Akhilesh Kumar (Counselor, KIT-CSI Student Branch) and Mr. Deependra Singh Sengar (Convener, KIT-CSI Student Branch) and supported by Mr. Sudhir Singh (Assoc. Professor & Head, M.C.A. Dept.), Mr. R.K. Pandey (Assoc. Professor & Head, E.N. Dept.), Dr. N.K. Pandey (Assoc. Professor & Head, A.S.H. Dept. & D.S.W.) and Ms. Shikha Awasthi (President, GENEKIT Society).

The inaugural function of the fest was presided by Mr. Ashish Sharma, Head (North), Wipro-Mission-10X.

More than 480 colleges across state, Uttarakhand & NCR along with 15 schools of Kanpur were invited to participate in various events of this fest. It attracted a huge crowd of over 2500 youngsters from all walks of society primarily from educated strata.

The 3 day Techno-Cultural fest included a potpourri of activities to exalt and test the technical, cultural and organizational temperament of students. The event aimed to bring together aficionados in the field of the software and give the participant an opportunity to think through the potentials of new technologies. Some of the Major events were:

**Technical:**

**Web-Tech Workshop:** The workshop on beginner level Web technologies was conducted by WareCon in association with KIT-CSI Student branch. The Target audience was 1st year & 2nd year students. The workshop focused on the basics of HTML 4.0, HTML 5.0, CSS, JavaScript, Flash editing, XML and the description of some server side scripting languages. The workshop was a huge success with 174 participants.
**CodeWar:** This was the Programming Contest. The event was divided into two categories, one for 1\textsuperscript{st} & 2\textsuperscript{nd} year students and other for 3\textsuperscript{rd} & 4\textsuperscript{th} year students. There were two rounds in both the categories. Round 1 was preliminary round and included objective questions based on basic concepts of programming languages. The second round was programing round in which the participants were provided with several problem statements which they had to code in their language of choice from C, C++ or Java.

**SpeedSter:** This was a robotics event in which the participants had to make a racing Robo. The event was basically focused to check Robo's efficiency in all possible way. The Robo was put to some hurdles and it had to prove its efficiency by qualifying all the levels in least time.

**Paper Presentation:** The event included the two categories of papers to be presented:
Technical Paper is the one which gives details about your contribution to the field and the experiments performed.

Review Paper is the study of any topic followed by a detailed hypothesis and a plan of action. The various categories of paper presentation included:
- Computer Science.
- Electrical & Electronics.
- Electronics & Communication.
- Electronics & Instrumentation.

**Gamadise:** This LAN Gaming event included two games Counter Strike 1.6 and Need For Speed-Most Wanted and was a huge success.

**Campus Slide:** In this event each individual had to take pictures inside the campus infrastructure. Each individual took the pictures of stuff present inside the campus to make slide or a strip from the snaps he has taken which depicts a complete story.

**Grey Matter:** It was a general knowledge quiz and there were three rounds. General knowledge audio visual questions related to sports, politics, IQ, environment television and media were asked in the first and second round and recalling power of the students was challenged in the third round.

Winners were as follows –

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Event</th>
<th>No. of Participants</th>
<th>Winners</th>
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<tbody>
<tr>
<td>1</td>
<td>Web-Tech Workshop</td>
<td>174 (Individuals)</td>
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</table>
| 2      | Code War            | 51(Teams)           | Category 1: 1\textsuperscript{st} – Prabhjot Singh – ME 2\textsuperscript{nd} yr., PSIT Kanpur  
|         |                     |                     | Arpit Srivastava – ME 2\textsuperscript{nd} yr., PSIT Kanpur  
|         |                     |                     | 2\textsuperscript{nd} – Aman Gupta- CSE 2\textsuperscript{nd} yr., KIT Kanpur  
|         |                     |                     | Category 2: 1\textsuperscript{st} – Shikha Maurya- MCA 1\textsuperscript{st} yr., KIT Kanpur  
|         |                     |                     | Amarnath – MCA 1\textsuperscript{st} yr., KIT Kanpur  
|         |                     |                     | 2\textsuperscript{nd} – Tulika Srivastava- MCA 1\textsuperscript{st} yr., KIT Kanpur  
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|         |                     |                     |                                                                                                                                         |</p>
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<th>Gamadise (CS 1.6)</th>
<th>6 (Teams)</th>
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<tr>
<td></td>
<td>Gamadise (NFS-MW)</td>
<td>18 (Individuals)</td>
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<tr>
<td>3</td>
<td>Campus Slide</td>
<td>15 (Individuals)</td>
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<td>4</td>
<td>Electroyard War</td>
<td>17 (Teams)</td>
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<tr>
<td>5</td>
<td>SpeedSter</td>
<td>7 (Teams)</td>
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<tr>
<td>6</td>
<td>Grey Matter</td>
<td>60 (Teams)</td>
</tr>
<tr>
<td>7</td>
<td>Paper Presentation</td>
<td>15(Teams)</td>
</tr>
</tbody>
</table>

1st – Sumit Mishra & Team from Krishna Inst. of Tech. (K.I.O.T.), Kanpur
2nd – Kanhaiya Seth & Team from Galgotia College of Engg. & Tech., Mathura

1st – Somesh Sahu- EC 3rd yr., K.I.O.T Kanpur
2nd – Sudhanshu Shekhar- IT 3rd yr., KIT Kanpur

1st – Pragya Singh- CSE 2nd yr., KIT Kanpur
2nd – Komal Shaonak – ME 4th yr., KIT Kanpur

Category 1:
1st – Pragya Singh-CSE 2nd yr., KIT Kanpur
   Nishant garg-CSE 2nd yr., KIT Kanpur
2nd – Rishabh Baranwal- EN 2nd yr., KIT Kanpur
   Devesh Pratap Singh-EC 2nd yr., KIT Kanpur

Category 2:
1st – Ashish Dwivedi-EN 3rd yr., KIT Kanpur
   Sooraj Singh- EN 3rd yr., KIT Kanpur
   Shashvat Shukla- EN 3rd yr., KIT Kanpur
2nd – Ratnesh Singh- CSE 3rd yr., KIT Kanpur
   Pradeep Dixit- EC 3rd yr., KIT Kanpur
   Ashok Kumar- CSE 3rd yr., KIT Kanpur
   Devesh Pratap Singh-EC 2nd yr., KIT Kanpur

1st – Vivek Pandey- EN 2nd yr., KIT Kanpur
   Bipin Singh – EN 2nd yr., KIT, Kanpur
   Arunesh Yadav- CS 2nd yr., KIT Kanpur
2nd – Sooraj Singh- EN 3rd yr., KIT Kanpur
   Shashvat Shukla- EN 3rd yr., KIT Kanpur

Category 1:
1st – Abhishek S. Srivastava -CSE 3rd yr., KIT Kanpur
2nd – Anamay Mishra- CSE 4th yr., KIT Kanpur

Cultural:

- **Encore**: The War of Bands event.
- **Manthan**: The Poetry competition.
- **Transition**: The Solo instrument competition.
- **Melodica**: The Singing Competition.

This year TechniKon also included a Pandora box for school students which had Events to provide them a platform to check their technical competence in this real tech-savvy world.

The events were:
- **Evolution**: The working Model Exhibition.
- **Science Olympiad**: The Tech-Quiz competition.
- **Code Quest**: The programming competition.
- **Jigyasa**: A workshop on Canon Making.

The fest also included the performances by Dr. Kumar Vishwash (Poet) and Fire on Dawson (Rock Band from Germany).

The fest was graced by the auspicious presence of our Chief guests Prof Nand Lal (Pro-Vice Chancellor, CSJM University), Mr. G.C. Mishra (Senior Vice-President, MKU), Mr. Ashish Sharma (Head (North Zone), Wipro-Mission-10X), Mr. D.K. Dwivedi (Incharge Computer Center, Allahabad High Court and Past Chairman, CSI Allahabad Chapter) and Mr. Zakir Ali Rajnish and our Honorable Management members of KIT, Kanpur Mr. Anil Agrawal, Mrs. Kiran Agrawal, Mr. Anil Verma, Mr. Vipul Jain, Mr. Tej Ram Verma, Mrs. Neena Verma, Mr. P.K. Jain, Mr. Ashok Agrawal, Mrs. Kusum Agrawal, our Director Dr. R.P. Singh, Director Pharmacy Dr. G.N. Kapoor, Media Head Mr. Alok Singh.

To conclude the fest an exuberating closing cultural night was organized on 26th Feb’11. The Guest of Honour for the night was Mr. D.K. Dwivedi, Incharge Computer Center, Allahabad High Court and Past Chairman, CSI Allahabad Chapter. Mr. D.K. Dwivedi addressed the students and encouraged the students for participating in the events to showcase their competence. The Chairperson of the fest Mrs. Shubha Jain, Assoc. Prof. & Head, CSE & IT Dept., extended the Vote of Thanks to all for their presence, support & hard work.
REGION III
ITM UNIVERSE, GWALIOR

23 December 2010: First Event “ALGOCRYPTIX” of “YOUTHMAGINATION”

ITM UNIVERSE, CSI Student Gwalior Chapter organized various student activities for the school students, under the banner of “YOUTHMAGINATION” to provide exposure to the students of all age groups.

We organized a Youth Forum named “YOUTHMAGINATION”. It is a series of events being organized with a vision to provide a pulpit to students from assorted schools and backgrounds; to compete, learn and share their knowledge. Events such as AlgoCryptix (Coding event), Debate and Poster Mania have already been conducted for the youth since the inauguration of the CSI Student Branch in ITM Universe.

The first event ALGOCRYPTIX organized by ITM Universe under the aegis of CSI, culminated on Dec, 23, 2010. In Algocryptix, there were 2 rounds in all. One, who qualified both the rounds was treated as winner, as per the combined test scores in first and second round. First round was a quiz of 30 questions needed to be finished in 30 minutes. In second round there were a total 3 questions comprising of programs or code pieces along with bugs and participants were required to make them bug-free. Time limit for it was 30 minutes.

We were happy to see a large participation of students from across the city to make this event successful. More than 30 schools participated in Youthmagination and contributed towards the progress of their students. Conveyance, lunch and participation certificates were provided to the students who stepped ahead to be a part of this forum.

5 & 10 February 2011: Second Event of “YOUTHMAGINATION”

The second leg of Youthmagination, was organized by ITM Universe under the aegis of CSI on Feb 05, ’11; with the successful orchestration of the proposed events such as English Debate, Hindi debate and the Poster Making Competition. The event observed massive participation of more than 580 students from 20 schools namely the Carmel Convent School, Gwalior Glory High School, No. 1 Air Force School, Orchid School, National Children School, Kendriya Vidhyalaya No. 1, Kendriya Vidyalaya No.5, Greenwood Public School, Oxford Public School, A.M.I. Shishu Mandir, Excellence School, Ebenezer School and many more.

The English and Hindi Debate Competition were conducted on the topic ‘Do coaching classes affect School education’ for the Junior Group. While the subject of debate for the Senior Group, was ‘Pros & Cons of IT Society’, The Jury comprised of Mr. Mandeep Singh from Humanities Deptt., IITM: Mr. Manish Sharma, Professor ,Math’s Deptt, ITM , Mrs. Rekha Vaisisth from IASCA, Prof B.K. Singh, Principal, IITM and Dr. J.L. Bhatt, Director, IASCA. It was coordinated by Ms Varsha Sarawagi and Ms Juhi Dixit.

The theme for the Poster Making Competition was ‘Role of IT in Environment’. The Jury embraced Dr. A.C. Pandey, Scientist, DRDE Gwalior; Dr. R.D. Gupta, Director, ITM; Dr. S.P. Vajpayee, Dean, IASCA and Dr. P.K. Sharma, Principal, IASCA. The competition was immaculately coordinated by Ms Rashmi Pandey and Ms Priyanka Nayak.

Considering the scale of participation and the fervor of students, the participation fee was waived off. The program lasted till 6 PM. Lunch was served to all the participating students and accompanying guardians/faculties.
Youthimagination is a series of events being organized with a vision to provide a pulpit to students from assorted schools and backgrounds; to compete, learn and share their knowledge.

VARSHA SARAWAGI

(COORDINATOR)

YOUTHIMAGINATION
A four days workshop on “MAT LAB & Genetic Algorithms” was organized by department of IT, ANITS, Visakhapatnam, Andhra Pradesh, under CSI, Student Branch ANITS Visakhapatnam during 12th, 14th, 15th & 16th of March 2011 at ANITS Visakhapatnam, Andhra Pradesh. Around 60 students from II/IV & III/IV IT & CSE of ANITS participated in this work shop.

Objectives of the workshop were hands-on experience in genetic algorithms and its applications using MATLAB.

**Inaugural session:** At the inaugural session Prof.V.S.R.K Prasad, Principal, ANITS and Prof.Ch Suresh, HOD IT, ANITS & the Co-ordinator of the workshop shared their views about the development of MATLAB & Genetic Algorithms applications in the real world and advised the students to utilize the session to gain more knowledge.

**Invited Talks:** Prof. Suresh Chandra Satapathi, HOD CSE, ANITS spoke on the basics of MATLAB & Genetic algorithms.

**Technical Session:** Mr.ChandraKanth R Terupally, MAT LAB Training & Consulting, Hyderabad delivered the following topics on MATLAB:

- Introduction & The MATLAB User Interface
- Working with MATLAB variables and simple statistical functions
- Plotting and Visualization
- Programming in MATLAB
- Coding Genetic Algorithms in MATLAB
Valedictory Session: Prof. Ch Suresh, HOD IT, ANITS & the Co-ordinator of the workshop congratulates the student participants for utilizing the valuable session and advised them to develop applications to the real world problems using genetic algorithms.
A Student Chapter was inaugurated at East Point Group of Institutions, Bangalore on March 12, 2011 by Dr Anirban Basu, Chairman, CSI Bangalore Chapter. Prof Dr B M Satish, Principal presided over the function and Sri S M Venkatapathi, Chairman, East Point Group of Institutions, was the Guest of Honor.

Dr Anirban Basu inaugurated the chapter and discussed the activities that the Chapter can do. He discussed the activities being done by CSI for all sections of the society and how students can be benefitted.

Prof R Venkatram, Director of East Point Research Academy emphasized the necessity of the students conducting more number of events in the coming years and advised the students to carry and share their knowledge through the newly formed chapter. Prof S Prakash, Head of Information Science, and Coordinator of the Students Chapter outlined the plan of activities.

In his keynote talk on HR issues in IT Industry, Mr Chakravarthy E S, Head TAG and RMG, Tata Consultancy Services discussed the desirable attributes an IT professional needs to have. All present in the meeting appreciated his suggestions.
The Regional Student Convention (Region V) of Computer Society of India was organized by Guru Nanak Engineering College of Guru Nanak Institutions (GNI), Ibrahimpatnam, Hyderabad from 17th -18th March, 2011. Dr. G. Tulasi Ram Das, Registrar, Jawaharlal Nehru Technological University was the Chief Guest at the inaugural function while Dr.K.Babu Rao, Director, Navayuga Infotech, Hyderabad was the Guest of Honour. Sardar Tavinder Singh Kohli, Chairman,GNI, Mr. Gagandeep Singh Kohli, Vice-Chairman, GNI, thanked the Computer Society of India for their support. Dr. H. S.Saini, Managing Director, GNI, said that since the last eleven years Guru Nanak Engineering College has been offering quality education and a number of multi-national companies were conducting placement interviews in the campus. He said that in May 2005, GNEC conducted a Divisional Conference of CSI on the theme of Digital Convergence of Quality Education and now GNEC decided to organize yet another conference of CSI viz., Regional Student Convention (Region V) on the theme of Cloud Computing as an Emerging Technology. Dr. S. Sudhakar reddy Principal-GNEC said that the theme of the Convention on Cloud Computing was most appropriate and wished that fruitful deliberations would emerge.

Dr. D.D. Sarma, Convener said that Prof. P. Thrimurthy, President-CSI had encouraged organising this Convention and thanked him for the same. He added that a total number of 400 students registered for this Convention and 75 student papers covering various topics such as Cloud Computing, Artificial Intelligence, Information Security, Social Networks, Employability etc., were received for presentation during the convention. The representatives of top companies such as Google India, LASSIB, and EWB participated as also eminent educationists from CSI, Institute of Public Enterprise and JNTU. On the first day, the inaugural session was followed by invited lectures on: 1) Cloud Computing 2) Lean Six Sigma 3) Knowledge Management 4) Employability.
In his inaugural address, Dr. Tulasi Ram Das said that there were a number of advantages of computing and offering information services in villages utilizing advanced technologies. He added that all over the world, technological developments have made their impact felt - be it movie industry, education, medicine, sports or agriculture. ICT is of vital importance. As an example, just with the help of mobile phones we can have all the information at our disposal. With the advent of ICT, the entire world has become a global village.

Because of competition in IT industry, newer developments have been taking place. Commensurate with these developments, students should also gear up. Dr. Tulasi Ram Das said that there was no dearth of human resources in India. Disciplines such as Computer Science, Computer applications and Electronic engineering courses have good future. He added that students should emulate Dr. A.P.J. Abdul Kalam – the former President of India, and take him as a Role Model. Dr. K. Babu Rao, Guest of Honour and Director, Navayuga Infotech, Hyderabad, spoke on the developments that have been taking place in the field of IT and especially on Cloud Computing.

Prof. P. Thrimurthy, President-CSI in his message complimented GNEC for hosting this Regional Student Convention Region V of CSI. He congratulated Dr. H. S. Saini, the Managing Director of GNI and Dr. D. D. Sarma Fellow- CSI and organisers and wished the Convention a great success. Mr. Raju Kanchibhotla, Chairman, CSI-Hyd congratulated Guru Nanak Engineering College for organizing this convention and said that CSI-Hyderabad had always supported this convention.

The inaugural session was immediately followed by invited papers. Shri S.Jaya Kumar from Google India gave an excellent overview of Cloud Computing. Mr. Rana Pratap Singh and Mrs. Shilpa Kota representing M/s KUNDUZ/LASSIB in their invited talk mentioned about Lean Six Sigma, its application and importance in various areas. Professor M.L. Sai Kumar of the Institute of Public Enterprise gave an excellent talk on employability and the characteristics required. Students listened to his talk with apt attention.

These invited talks were followed by contributed papers from students from across the two states of A.P and Karnataka. The sessions were held in parallel. Prof. P.Parthasaradhy, Vice-Principal, Guru Nanak Engineering College proposed a hearty vote of thanks.
The second day of the convention started with an invited talk on e-governance by Mr. Amit Chakravarthi of National Institute of Smart Governance (NISG) who discussed at length how e-governance is implemented in the various States of India. He said that while Andhra Pradesh was in the forefront in the implementation of e-Governance till a few years back, now that place has been taken by State of Gujarat. Prof. S.Surendra Kapoor, formerly executive director of CMC delivered an invited talk on Knowledge Management. Prof. Kapoor mentioned that Knowledge Management was extremely important and every student should have a thorough knowledge of the same. Prof. S. Sengupta of C.V.R.Engineering college and formerly executive director, ECIL gave a highly informative exposure on Mobile Computing bringing out the architectural features and the various developments. These talks were followed by contributed papers by students. The presentations were held in parallel sessions. The proceedings of the Convention have been brought out in a CD form.

Dr. H.S. Saini expressed happiness at the successful completion of the Convention. Prof. B.S. Verma, Principal-GNIET felt that organising a convention of this magnitude was commendable.

The valedictory session was held at 4.30 PM on 18th March, 2011. While Maj. Gen. (Dr) R.K.Bagga was the Chief Guest, Dr.L.V.A.R Sarma, Director, School of Information Technology, JNTU was the guest of honor. Dr. L.V.A.R.Sarma, mentioned that Cloud Computing was an emerging Technology and in India there were a number of villages which still needed the impact of e-governance. Technologies such Cloud computing would help in providing e-governance services to the rural people.

Maj. Gen. (Dr).R.K.Bagga, Chief Guest gave a detailed account of e-governance and its relevance and applications in various areas He had also mentioned about social net working and its importance, - the advantages that would accrue if one adopts it.

Dr.D.D.Sarma, summarized the deliberations of the Convention. Awards for the best student paper, the second best student paper and three consolation prizes were announced. The best paper award went to Mr. Arvind Ashok Betagiri of R. V College, Bangalore; the second best paper award went to Ms. Sana Fathima of Nizam College of Science and Technology, Hyderabad. The consolation prizes were given to Mr. A. Rahul of Guru Nanak Institutions of PG studies, Mr. A.Sai Kiran & Mr. Gourav Surekha of Guru Nanak Institutions of Information Technology, Ms. Harpreet Kaur and Ms. S.V. Anushya of Guru Nanak Institutions of Engineering College.

A special feature of this convention was that all the activities were executed by the students of Guru Nanak Institutions under the guidance of Chairman, Organizing Committee – Dr.H.S.Saini and Dr.D.D.Sarma, Convener. Dr.M.Appalaya, Head, Dept. of Business Administration, Guru Nanak Engineering College proposed a vote of thanks.

Prof. P.Thrimurthy, President CSI sent his message on the occasion of this Convention.
The 2nd CSI National Student Symposium has been conducted in KL University by CSI-KL University Student Branch and Koneru Chapter of CSI.

The theme of this symposium was ‘Enhancing Employability’.

The symposium was inaugurated by Prof. P. Thrimurthy, President of CSI and Mr. K. Satyanarayana, Chancellor, KL University. Prof. H. R. Vishwakarma, Hon. Secretary of CSI, Wg. Cdr. M. Murugesan, Director Education, Mr. T. Sabapathy, Karnataka State Student Co-ordinator, Mr. Amanad Rao, Director, SIG- Soft Skills, CSI, Mr. K. Raju, Hyderabad Chapter-Chairman, Dr. K. Rajasekhara Rao, AP State Student Coordinator and Convenor of the symposium, Mr. P. Dhandapani, CEO, Evoke Technologies, Mr. K. Raja Sekhar, Koneru Chapter Chairman, Mr. A. V. Praveen Krishna, Counselor, KLU-CSI Student Branch and Co-Convenor of the symposium, Koneru chapter CSI members, Student members of CSI-KLU University student branch and delegates from all over AP, Karnataka, Tamil Nadu, Rajasthan, MP and other parts of India.

Dr. K. Rajasekhara Rao welcomed the gathering and in his affectionate welcome address, he has advised the students to have open mind for new ideas on using technology tools, learning by doing concepts and to use this as a forum for acquiring, strengthening and experimenting soft skills.

In his inaugural address, Prof. P. Thrimurthy stressed the need for developing the skills to enhance employability. Apart from the technical skills, soft skills, domain knowledge for solving problems, Prof. Thrimurthy asked the students to have self motivation, capabilities to work in groups, open to the new ideas/practices and to develop confidence to overcome failures. He had also advised the students to develop and retain attitudinal, inter-personal and technical skills on continuous basis to become employable.

The chief Guest, Mr. K. Satyanarayana, Chancellor of K L University opined that the symposium was the right forum to expose the students to the state-of-art technologies and developments in computer science and information technology. He advised the students to be highly proficient in English, analytical and logical skills apart from their core technological skills as in all their careers they likely to work in teams and groups. He has declared the willingness of KL University to support the students who would come out with proposals to become Entrepreneurs. Mr. Satyanarayana had also announced the financial support to form an Incubation centre for promoting Research in the campus and asked the students, Teachers and Industry experts for their contributions/proposals.

Wg. Cdr. Murugesan asked for the contributions of professionals on continuous basis to CSI, in order to help the educational institutions with suitable suggestions for changing the curriculum so as to make all students employable. He also said that the students should aim at passing on the benefits of the products and services to the youth and society at large in the country.

Speaking about the selection of right job, Mr. T. Sabapathy, said that students should join the job in hand with out loosing time in looking for dream job. He has explained the
Mr. Sabapathy encouraged the students stating that employability could easily be generated by exposing the students to all the facets of the products and project development.

9. Prof. Amarnath Rao, SIG Soft skills Coordinator advocated that students should constantly remind themselves that they are the best which will generate tremendous confidence in them thus paving the way for employment.

10. A vote of thanks was proposed by Mr. A.V. Praveen Krishna, Co-Convenor & Organising Secretary of the Symposium.

11. Invited talks on “The Market, Opportunities & You” by Mr. T. Sabapathy, on “Personality Development & Soft skills” by Prof. Amarnadh Rao on the Symposium main theme “Enhancing Employability” were the highlights of the first day of the symposium.

12. The 35 papers were presented. 15 posters were displayed. Spot events, on Robotics, Gaming, Programming, Debugging and Online hunt were conducted and promoted students.

13. An Ethical Hacking workshop was also started which evoked tremendous response.

14. A Cultural Program was presented. Classical and Western dances, Bhutan and Nepalese folk dances and light music were some of the events which were highly delightful and enjoyable.

Brief Note on Day 2 (19th March) events of the 2nd CSI National Student Symposium at KL University on 18th & 19th, March 2011.

1. Final rounds of programming, debugging, Ethical hacking, online hunt and gaming were conducted and winners are awarded with certificates and prize tokens.

2. Invited talks on “Agile Scrum software methodology” by Dandapani and on “Employability” by Mr. K. Raju were the highlights of the second day of the symposium.

3. A panel discussion was conducted on “Enhancing Employability.” The panel members were

1. Prof. P. Thrimurthy, President of CSI.
2. Wg. Cdr. M. Murugesan, Director Education CSI.
3. Mr. T. Sabapathy, Karnataka State student Co-ordinator CSI.
4. Prof. Amarnadh Rao, SIG Soft Skills, CSI.
5. Prof. K. Rajasekhara Rao, AP State Student Co-ordinator CSI & Convenor.
6. Mr. P. Dandapani, CEO, Evoke Technologies, Hyderabad.
7. Mr. K. Raju, Chairman, Hyderabad Chapter CSI.
8. Dr. Krishna Rao, Principal, KIET, Kakinada.

Prof. P. Thrimurty Coordinated and initiated the discussion. He said that for employability, an all-round development is needed in the student. While Technical, Domain knowledge requirement is mandatory for employment; right combination of attitudinal and soft skills would fetch the job. The industry is wide open with lot of openings.

Wg. Cdr. M. Murugesan said that students should do the projects with dedication and concentration so that they can face the interviews very well. There are plenty of opportunities for well prepared students. They should also be responsible to the society.
Dr. K.Rajasekhara Rao opined that students should be exposed to all the core subjects. Soft skills should not be taught at the expense of core subjects.

Mr. Amarnath Rao said that students must develop multi faceted personality so that they can either go for a job or become an entrepreneur. It is necessary that each person should remember that one has to perform well. Sweeper is respected when that “sweeper sweeps well”. When a person performs well in a job, the jobs will come to his/her feet automatically, Mr. Amarnatharao highlighted.

Mr. Sabapathy said that students should develop in technical as well as soft skills and strive to get research orientation. They should not worry about availability of jobs as they are available in plenty.

Mr. Raju said that students must analyze their own self in terms of weaknesses and strengths and attempt to convert the weaknesses to strengths.

Prof. Krishna Rao said that several jobs are available for all students and they are not advertised. Needy students should query all the industries in and around all the major cities so that they can get immediate employment.

Talking about attitude, SWOT analysis, SMART and agile concepts, Mr. P. Dandapani said that students should take any job that come on their way and should not spoil their time in waiting for a dream job.

In the ensuing discussion the following points were discussed and resolutions adapted:-

a. Indian syllabus covering wide range of courses, has been appreciated by many in the International industry circles. That helps the students to get good foundations at the graduate level. The Indian students are exposed to wide range of topics at Graduation level. It will make them highly employable even in difficult times as evinced in the Y2K bubble as well as the recent recession times.

b. CSI as an excellent family provides interactions between Academics, Industry and Government(s). csi-india.org is a knowledge portal facilitating in providing resource persons for guest lectures, invited talks and for knowledge updates. The conferences, seminars and symposia are regularly promoted at different parts of the country to help the members updated on continuous basis. To bring out the best talent in the students, CSI organizes paper contests, Quizzes, and scores of competitions. Several MOUs with National and International bodies provide access to different levels of Knowledge development. Regular visit to csi-india.org helps every CSI member, professionals, Institutions, students, academicians and the society at large.

c. The jobs in Computer Industry are given for students of all branches. It is proved that CSE and IT students are progressing well because of their domain skills.

4. Final round of papers, posters and projects were presented.

5. Prizes were distributed to all the winners and runners.

6. A cultural program on ethnic culture was presented.

7. Prof.H.R.Vishwakarma, National Secretary CSI, has appreciated the efforts of CSI-KL University Student Branch and congratulated K L University for hosting the National
Student Symposium 2nd time in the country after four years of such an event at Rajyalakshmi Engineering College, Chennai.

8. Prof. P. Thrimurthy was felicitated by the Chancellor K L University and all the dignitaries for his outstanding and unique contributions to the CSI as its President. Prof. H. R. Vishwakarma, gave a brief accounts of the achievements of CSI during the tenure and leadership of Prof. P. Thrimurthy. Mr. Koneru Satyanaryana highlighted that Prof. P. Thrimurthy is an institution by himself and it is no wonder that he has been highly successful as President of CSI. He was very happy that Prof. P. Thrimurthy has won so many laurels and he wished him a long and healthy life. All the dignitaries have joined in honouring Prof. P. Thrimurthy.

9. Mr. A. V. Praveen Krishna, Counselor, CSI-KL University Student Branch has presented a “Sanamana Pathrikha”, highlighting the achievements of Prof. P. Thrimurthy in general and as CSI National President in particular.

17 March 2011: One-day workshop on “Android: A New frontier in the Mobility Revolution”

Brief Note on the Pre Symposium Workshop on ‘Android: A New frontier in the Mobility Revolution’ organized by Computer Society of India (CSI) and Knowledge Management Society, India (KMS) on 17th March 2011 arranged on the eve of the 2nd CSI National Student Symposium at K L University on 18th & 19th March 2011.

Mr. SP Suman Kumar, Technical Leader, Mobile Communications, conducted a one day workshop on ‘Android: A New frontier in the Mobility Revolution’ on 17th March 2011.
Faculty and Student members of CSI from K L University and the neighbouring colleges and Universities attended the Workshop.

Resource person Mr. Suman Kumar S.P-pre symposium workshop on “Android: A New frontier in the Mobility Revolution”

Android the new Open platform introduced by Google for Mobile applications by third party has brought a revolution for conceiving user intensive applications for mobile phones. Mr. Suman Kumar dwelt at length the Android Architecture and the Dalvik Virtual Machine (DVM). The highlight of the DVK is it provides APIS for any and all hardware that is available in the market to be deployed in a mobile phone. He also explained the methodology of developing applications under android and how they can be installed in an Android Phone.
A talk on “Bio-Informatics” was arranged on Friday, 11-03-2011 at 3.00 PM by Dr. Naresh Singhal – Professor, University of Auckland, New Zealand. Dr. Singhal addressed the students with information more focused on scope for Research & higher studies. More than 75 students from final semester benefited from this talk.

21 March 2011: Ceremony of “TCS Best outgoing Student Award”

The department of ISE in R.V. College of Engineering has coordinated TCS- “Best outgoing student Award” ceremony on Monday, 21-03-2011 at 2.00 pm in MCA Seminar hall. Mr. E.S Chakravarthy – Head talent acquisition & HR has graced the occasion. Prof. Shantharam Nayak delivered the welcome address. The other dignitaries present were Dr. B S Satyanarayana – Principal, RVCE, Dr. S Sathyanarayana – Vice principal RVCE, Prof. K N Raja Rao – Advisor, RVCE, Dr. P Ramakanth Kumar – HOD ISE. Mr. Chakravarthy addressed the students and briefed about the responsibilities of future engineers. He also told the criteria considered for the selection of Best out going student: The parameters are academic performance, co-curricular, social activities etc. Mr. Chakaravarthy announced the name of Mr. SUDHANVA S PRASAD (8th Sem ISE 2007-11 batch) as best outgoing student in IT branches. The award consists of a Gold medal, Rs. 10,000/- cash & a certificate. Dr. N S Narahari – Director placement has advised the students to practice ethically and bring moral values. Prof. Naveen N C was the Master of Ceremony.

The award winner with institution authorities & TCS representatives

1. Personality development programme for the students were organized as under:-
   - For 3rd semester students 18, 19, 20th Oct 2010.
   - For 5th semester students 4, 5, 6th Oct 2010.
   - For M.Tech students 8, 9, 10th Nov 2010.

2. Personality development programme for the students were organized as under:-
   - For 6th semester students 9, 10, 11th March 2011.
• For 4th semester students 7, 8, 9th March 2011.
• For M.Tech students 21, 22, 23rd March 2011.

3. A placement prelims activity was conducted for the students of 6th Semester ISE in the form of competitive written test in C/C++ on Friday, 18-03-2011. Around 45 students actively participated. Various other competitions were planned & executed during the week 14th to 19th March 2011.
Vaageshwari Engineering College, Karimnagar, Hyderabad

12 March 2011: One-day workshop on “Adobe Flex”

Vaageswari Engineering College, Karimnagar CSI student branch organized a one day workshop for CSE and IT students on 12th March 2001 in the college premises. The topic of the workshop “ADOBE FLEX” facilitated by Mr. K. Rajashekar from Genesis Software Solutions, Hyderabad. On the day principal Dr.CH.Srinivas motivated the students to attend such type of workshops and improve their skill set. More than 100 students and faculty members attended the workshop.
Prayaas-2011 (A National Level technical Festival) was organized by Department of Computer Science and Engineering at our college on 26th and 27th Feb, 2011. The patron of this program was Dr. S.V. Agarkar, Principal. The chairman was Prof. A.S. Kapse, Head of Computer Science & Engineering Department. Organizing Secretary for the program was Prof. D. G. Vyawahare (Computer Science & Engineering Department).

The poster of this technical festival was sent to about 200 Engineering Colleges throughout Maharashtra. The events included in the program were as follows – Paper Presentation, Poster Presentation, Project Presentation, Robo Race, Robo War, Junior Scientist (Utkash), Business & Town Planning. A total of 150 papers from 50 Engineering colleges were received on different topics for paper presentation. We received total of 170 entries for other events. Especially we got a huge response for Junior Scientist event (100 entries).

8 February 2011: Unofficial Inauguration of Prayaas-2011

Unofficial Inauguration of Prayaas : It was held at College ) on 8th February, 2011 in presence of P.R.M.S.S Trustee Mr. Siddheshwar Wanere, Principal Dr. S. V. Agarkar, Head of Department(CSE) Prof. A. S. Kapse (Program Chairman), Prof. D. G. Vyawahare (Program Secretary with launching of official website of Prayaas www.prayaas.in.

Inauguration by website launching of Prayaas www.prayaas.in and of large sized flex

26 February 2011: Official Inauguration of Prayaas-2011

The program was inaugurated on 26th February, 2011 by Dr. V. S. Sapkal, Vice- Chancellor of RTMNU University, Nagpur who also released the souvenir of Prayaas-2011 in the form of CD. Mr.Rahul Bondre(MLA), Secretary P.R.M.S.S & Principal, Dr. S. V. Agarkar, received the first copy of souvenir. The Inaugural function was presided by Mr. Rahul Bondre(MLA). A summary of Technofest’11 was delivered by Prof. A.S. Kapse and the activities were briefed by Prof. D. G. Vyawahare, Organizing Secretary of Prayaas. Other dignitaries present for the function were

1) Anil M. Datar (Outstanding Scientist & Director, Armament Research & Development
Establishment (ARDE), Ministry of Defense, Pune.

2) Anil Mantoo (Team Lead Computational Research Laboratory (CRL) Tata sons, Pune.)

3) Shri. Kashinath Deodhar(Scientist at Armament Research & Development Establishment(ARDE), Ministry of Defence, Pune)

4) Prof. K.H.Walse (Principal of Shreyas Polytechnic, Aurangabad.)

The Chief Guest Dr. V. S. Sapkal (Vice-Chancellor RTMNU University, Nagpur) for Inaugurating the Function of Prayaas-2011.

The Guest for second day function were 1) Anil M. Datar (Outstanding Scientist & Director, Armament Research & Development Establishment (ARDE), Ministry of Defense, Pune.)2) Anil Mantoo (Team Lead Computational Research Laboratory (CRL) Tata sons, Pune.)3) Shri. Kashinath Deodhar(Scientist at Armament Research & Development Establishment(ARDE), Ministry of Defense, Pune) 4) Prof. K.H.Walse (Principal of Shreyas Polytechnic, Aurangabad.)

The Chief Guest Dr. V. S. Sapkal (Vice-Chancellor RTMNU University, Nagpur) delivered special talk in Prayaas-2011.
Robo Race
In Robo Race Competition, 30 members participated and 6 teams were selected for Finals. Mr. Sarang Wakadkar & Mr. Vishal Mohale got first prize and Mr. Salman Saiyyad & Mr. Akshay Patike got second prize.

Project Presentation
In Project Presentation Competition, 20 groups participated and Mr. Bhushan Wagh & Mr. Rakhi Jain got first prize and Mr. Anupam Jaiswal & Mr. Rohit Kshirsagar got second prize.

Guest Lecture by Mr. Anil Datar (Outstanding Scientist & Director, Armament Research & Development Establishment (ARDE), Ministry of Defense, Pune)
Other Guest Lectures by Dignitaries:

1) Mr. Arun Mantoo (Tata Communications, Pune) On topic: - Future trends in VLSI
2) Mr. Nikhil Kancharlawar (TCS, Mumbai) On topic: - Upcoming Trends in IT.
3) Mr. K. H. Walse (Principal, Shreyas Polytechnic, Aurangabad) On topic: - Research area in CSE.
4) Mr. Mahesh Agrawal (MD, Raviraj Industries) On topic: - How to be a Successful Entrepreneur.

Poster Presentation
In Project Presentation Competition, 20 groups participated and Mr. Vishwajeet & Miss. Sharayu Jagtap got first prize and Mr. Akshay Patake & Mr. Rahul Sapate got second prize.

Junior Scientist
In Junior Scientist Competition, 100 groups participated and Mr. Nikhil Sonune & Mr. Aniket Gawande from L.B. Chandak school, Malkapur got first prize and Miss. Aarti Yewale & Miss. Chaitali Bankar from Shivaji High School, Chikhli got second prize.

In the Valedictory Function, Mr. V. H. Deshmukh distributed the prizes and certificates to the winners and participants. Mr. D. G. Vyawahare proposed vote of thanks.

Mr. V. H. Deshmukh (Ret. Joint Director of Industries Maharashtra Govt.) distributed the prizes and certificates to the winners and participants.
Mumbai Educational Trust’s Institute of Computer Science, Bandra (W), Mumbai
26th March 2011: “Inauguration of MET-ICS-Student Branch”

The CSI student chapter at MET was inaugurated with 80 student members and the faculty members.

Dr. Vishnu Kanhere delivered the inaugural address. He congratulated the students and MET for starting CSI student chapter. He highlighted the essence of CSI and gave a gist of the benefits that would come attached to it. He put forth his “Three Mantras” which stressed on “Change”, “Sharing of knowledge” and “Giving back to the society”. He also gave a thought provoking presentation on “Cyber Security & Risks”.

As a first activity of the student branch, MCA Sem-IV students, Dilip Mistry, Neha Naik, Radhika Jambotkar and Dhaval Shah gave a presentation on “M-Commerce and its challenges”.

(Left to Right): Dr.(Mrs) Sunita Mahajan, Principal MET-ICS, Dr. Vishnu Kanhere, Chairman, CSI Mumbai Chapter, Mr. Sunil Karve, Founder Mumbai Educational Trust, Mr. Pankaj Bhujabal, Trustee Mumbai Educational Trust, Mr. Ashish Dandekar, Senior CSI Member.

Dr. Vishnu Kanhere, Chairman, CSI-Mumbai Chapter
Region VII  
Excel College of Engineering for Women, Pallakapalyam, Tamilnadu  
11-12 January 2011: Two Days workshop on “Hardware and Networking”

Department of Information Technology and CSI Student Chapter jointly organized FIXTURES TESSELLA “Two Days workshop on Hardware and Networking” on 11th and 12th January 2011 in Excel College of Engineering for Women, Pallakapalayam, Namakkal.

- The entire session as Basic Network concept, OS Installation and CPU Assembling were covered during the workshop.

- Students of III Year BTech IT was the peer trainers of the workshop. 30 Peer trainers have trained other students during the workshop. Entire course module were developed by the students.

- Totally 234 Students of various departments has participated and benefited.

**Computer Hardware Basics**

**CPU Assembling**
8-11 February 2011: Four Days workshop on “Hardware and Internet”

Basic Internet and C programming

Department of Information Technology and CSI Student Chapter jointly organized “FIXTURES INFO STRADA’11 “Four Days workshop on Hardware and Internet from 8th to 11th February 2011 in Excel College of Engineering for Women, Pallakapalayam, Namakkal.

- The topic namely Basic Internet concepts and C programming, Windows XP Installation, CPU Assembling were covered

- Students of III Year B.Tech IT was the peer trainers of the workshop. 30 Peer trainers have trained other students during the workshop.

- Totally 276 Students of First year from various departments has participated and benefited.
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EXCEL COLLEGE OF ENGINEERING FOR WOMEN,
NH-47, Salem Main Road,
Pallakapalyam,
Sankari West Post – 637303,
Namakkal Dt.,
Tamilnadu, INDIA.
Region VII
Mar Baselios College of Engineering (MBCET), Trivandrum
5 February 2011: An Intercollegiate Code Debugging competition on “Neosoft”

An Intercollegiate Code Debugging Contest - ‘Neosoft’ was conducted by the CSI Student branch of Mar Baselios College of Engineering on February 5th, 2011. Eight colleges from in and around the city of Trivandrum participated. The team from Sri Chitra Thirunal College of Engineering won the first prize of while the team from College of Engineering, Trivandrum came second.

MBCET, Trivandrum: Code Debugging competition in progress

5 March 2011: An Industrial Visit to Infosys Development Centre

An Industrial Visit to the Infosys Development Centre was organized by the CSI Student branch of Mar Baselios College of Engineering on March 5th, 2011. Eighty-Four students of the Second year Computer Science and Information Technology branches attended the event. The sessions on ‘IT in Business’, ‘Electronic Banking’ and Soft Skills were well appreciated by the students. The group was accompanied by the CSI Student Branch Counselor Mr Biju Varghese.