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P.S.:

(* Indicates inauguration of new chapter or new student branch.)
Region III
Bhopal

Prof. Manish Parashar, Professor in Department of Electrical and Computer Engineering, Rutger’s University, New Jersey, USA delivered a lecture at MANIT Bhopal on 14th Aug 2012 on “Current Trends and Challenges in Cloud Computing” in association with CSI Bhopal chapter. He revealed the cloud usage & challenges with aspect to security issues. CSI dignitaries present including Dr. V P Saxena, Vivek Dhawan, and Dr. K R Pardasani.

*During the lecture*

By - Dr. K.R. Pardasani
A seminar titled “Brain-Computer Interface to Help Persons with Severe Disability” was organized jointly by the Surat Chapter of the Computer Society of India and The South Gujarat Local Centre of the Institution of Engineers (India) on 21st July 2012 at 6.00PM.

Prof. Prabhat Ranjan, Professor at the Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar who is an eminent personality working to apply Brain-Computer Interface, along with body and voice sensors to help persons with severe disability delivered the talk. He has been awarded HP Innovate 2009 award and selected for NCPEDP – Mphasis Universal Design Award 2012 for his work along these lines. Prof. Ranjan is also using embedded systems and sensor networks to planetary exploration (moon mission), wildlife tracking, nuclear fusion, assistive technology and agriculture. Prof. Ranjan covered all the various technologies that can help differently enabled person based on their specific ability that can be used to help such persons. He illustrated his points by specific show case studies which he had already implemented in the field.

The audience gathered consisted of Medical Professionals like Doctors, Physiotherapists, Professors, etc. and also Academicians, Students and Professionals from engineering fields. Few relatives of persons who were differently enabled were also present at the talk.

The session was opened for questions after the talk of two hours and people benefited from knowledge. The relatives of the differently enabled persons also got advised on how their wards can be aided with a specific technology during this session.

By Burhan Bhinderwala, A.G.Patel, Tejesh Patel
Region III
Udaipur
22 July 2012: Young Talent Search in Computer Programming - 2012

First level regional contest for Young Talent Search in Computer Programming 2012 was held at Techno NJR Research Center, Madhuban, Udaipur on 22 July, 2012. Regional centre co-ordinator and Vice Chairman, CSI Udaipur Dr. Dharm Singh, has guided the students about the rules and format of the examination and infrastructures facility was being provided by the Techno NJR campus for the contest.

Nine students participated from three different schools from Rajasthan. Mr. M.L. Telstra, Chairman, gave thanks to all the participants and teachers. Mr. Mazher Hussain, Secretary CSI, Piyusah Javria and other senior member of CSI were also present during the event.

All Participants along with CSI members Udaipur Chapter
Region VII
Trivandrum
28 July 2012: Workshop on “Python Programming”

Report of Python Workshop held on 28th July 2012 at Keys Hotel, Trivandrum

28 July 2012 The Chapter in association with The International Centre for Free and Open Source Software (IC-FOSS) organized a One day Workshop on Python Programming.

The workshop provided a complete introduction to Python. The content included Syntax and Style, Data Structures, Flow control (loops and conditionals), Files and I/O, Modules, Functions, Errors and Exception Handling in Python. Programming exercises were used to reinforce the learning.

Mr.Vimal Joseph, Technical Architect, Zyxware Technologies, conducted the workshop.

Mr.Vimal Joseph conducting the workshop
Student Branches –
Region III
AES Institute of Computer Studies (AESICS), Ahmedabad
7 July 2012: Seminar on “Software Quality Assurance (SQA)” and Career Opportunities

A seminar on Software Quality Assurance (SQA) and Career Opportunities was organized by AESICS-CSI Student Branch on 7th July, 2012. The seminar provided exposure to real life aspects of SQA and software quality – as critical aspect for success of IT projects. The speaker of the seminar was Mr. Amal Derasary, Vice President, V & V services, Gateway Technolabs Pvt. Ltd., Ahmedabad.

Mr. Amal Derasary addressing students during the seminar

In the first session, Mr. Derasary covered various aspects of quality - as a critical aspect for the success of IT projects- real life scenario and specific aspects to be taken care by a developer. He explained different types of testing, software testing life cycle, software testing tools, test automation and recent trends in testing. He also discussed real life case studies to explain the importance of software quality that is delivered to customers by IT projects.

In the second session, he explained how to develop career in SQA, career opportunities available and the career growth paths offered by the IT industry.

The seminar was attended by around 40 participants - students of final year MCA and faculty members and was followed by interesting question and answering session. Vote of thanks was proposed by Mr. Aditya Patel, Asst. Professor, AESICS and AESICS-CSI Student branch counselor.

7 July 2012: Workshop on “jQuery”

A workshop on jQuery was organized at AES Institute of Computer Studies in association with AESICS-CSI Student Branch on 7th July, 2012. The workshop was conducted by Mrs. Trushali Jambudi, Lecturer, HLICA, Ahmedabad University.

This workshop provided practical exposure to students in creating an interactive and animated web page/web site content using jQuery, which renders the same look and feel on different browsers. jQuery features like retrieving and manipulating page content, events, animations and effects were covered in the workshop. The participants were given hands-on exposure for the features covered in the workshop.
Mr. Bipin Mehta, Director, AESICS, addressed and motivated the students during the workshop to actively participate by becoming member of CSI and keep updated with the technology. The workshop received very good response and feedback from participants.

9 July 2012: Network Design Competition-2012

Network Design Competition-2012 was organized by AESICS-CSI Student Branch on 9th July, 2012 at AES Institute of Computer Studies, Ahmedabad.

The objective of the competition was to provide a platform for IT students to apply their network design and management skills to solve real life problem scenario. The contest provided real life requirement and problem scenario for designing wired and wireless network for the new building in the University campus. The competing teams were asked to study the network requirements of the new building and submit detailed network design proposal. The network design proposals submitted by 8 teams from HLICA and AESICS - covered various details like network design and topology, network components configuration, network protocols and IP addressing, hardware and software configuration for client and servers and solution for network security issues.

In the final round, 4 short listed teams were invited for final presentation before the judges. The expert judges for the competition were Mr. Pinakin Patel, Sr. Manager, and Mr. Jignesh Shah, Manager- System Integration, Elitecore Technologies Pvt. Ltd. The competition was presided by Mr. Bipin Mehta, Director, AESICS. Each presentation from the participating teams was followed by technical question and answering session.
At the end of the presentation round, judges shared their expert comments and views on the network design and declared the first and second prize winners of the competition. Mr. Rohan Bhatt, Mr. Karan Shah and Mr. Devang Pipaliya from AESICS won the first prize of Rs. 5,000. The second prize was won by Mr. Sarjit Delivala and Mr. Jatin Jetani of HLICA. Mr. Bipin Mehta appreciated the initiative taken by all teams and converting theory into practice. He specially thanked Mr. Aditya Patel for conceptualizing the competition and guiding the students and making the event a success.

(L-to-R): Mr. Bipin Mehta presided over the competition. Participants giving the network design presentation

28 July 2012: Workshop on “Web Developing and Hosting with PHP”

Workshop on “Web Developing and Hosting with PHP” was organized by AESICS-CSI Student Branch on 28th July 2012, at HLICA campus for the students of Computer Science / IT. It was coordinated by Ms. Hiral Vegda Lecturer at AES Institute of Computer Studies and conducted by Mr. Hiren Solanki, Mr. Jaymin Shah and Mr. Pratik Patel, the alumni students of H.L. Institute of Computer Applications. Total 45 students and 4 faculty members participated in this workshop.

The topics that were covered during the workshop include the basic concepts of PHP, Advance PHP, MySQL for database connectivity, Hosting and managing the web site. The participants were trained to create web pages using the forms, conditional statements, loop control structures, get and post methods, Cookies, and session maintenance and MySQL database. They were given online demo of all the concepts discussed.

During the Workshop
The department of CSE, IT & MCA, Silicon Institute of Technology, Bhubaneswar organized a two-day “National Seminar on Application Oriented Networking (NSAON-2012)” on 2nd & 3rd July, 2012 in collaboration with Orissa Information Technology Society (OITS) and Computer Society of India (CSI), Silicon Student Chapter.

During the inaugural session of NSAON - 2012, the dignitaries present on the dais Prof. A. K. Tripathy, Prof. L N Bhuyan, Prof. S P Mishra and Prof. Sk. Kamaruddin

The Seminar was inaugurated on 2nd July at 10:00 AM. During the inaugural session, the dignitaries present on the dais were Prof. A. K. Tripathy, Director (Research) of Silicon Institute of Technology as Guest of Honour, Prof. L N Bhuyan, University of California, Riverside as Keynote Speaker, Prof. S P Mishra, President OITS, and Prof. Sk. Kamaruddin, Silicon as the Convener of the seminar. The seminar was inaugurated in a traditional way by lighting the lamps followed by words of wisdom, encouragement and appreciation by the dignitaries present on the dais.

The three lecture sessions of the first day of the seminar conducted by Prof. Laxmi N. Bhuyan, Distinguished Professor & Chair, Department of Computer Science, University of California, Riverside.

The 1st lecture session of the Seminar began at 11:30am with the talk of Prof. Bhuyan. His topic was “Introduction to Application Oriented Networking”. In this talk, he covered introduction to application oriented networking right from the fundamental concepts to internetworking and importance of network packet processing at the processor level. Participants were very enthusiastic to listen to Prof. Bhuyan and interacted during his talk.

The 2nd lecture session of the seminar began at 2:00pm. The topic was “Internetworking”. His talk was a nice presentation of interconnection within modern day computers. The participants raised their queries during the talk and the session was quite interactive.

The last session of the day started at 3.45pm. The topic was “Network Processors and Applications”. Prof. Bhuyan got into the details of the Network processors architecture and its applications. Also he discussed regarding his research work in design and evaluation of low power network processors supported by many statistical inferences to the participants.

The first session of the second day was delivered by Prof. Bhuyan on “Efficient Scheduling of Network Applications”. He presented different scheduling approaches for network
applications. He responded to the queries of the participants with much enthusiasm. He also covered open problems for research in this area.

The second session was delivered by Prof Chitta Ranjan Das, Pennsylvania State University. His topic was “Networking in the Context of Cloud Computing”. In his talk he started from the basics of the cloud computing, and concluded with the new research avenues in the networking context of cloud computing.

The last of lecture sessions was delivered by Prof Bhuyan. The topic was “Scheduling for Power and Energy Savings”. In this talk he discussed power and energy optimization on multicore servers also he discussed an energy efficient scheduler for stream processing. The talk was quite interactive.

Immediately after the last session, the plenary session was started. Prof. Bhuyan and Prof. Das were on the dais later joined by Prof. S P Mishra. They answered to the different queries raised from the participants to their satisfaction.

The plenary session was followed by the valedictory function. Prof. Bhuyan and Prof. Das distributed the participation certificates to the participants. Then Mr. N G Dhall, Executive director presented a memento to Prof. Bhuyan and Prof. A K Tripathy presented a memento to Prof. Das.

The number of participants was restricted to 30 only as it was a research-oriented seminar, meant for students and researchers interested to work in that field or co-related fields in Computer Science/Information Technology.

Prepared by: The Covenor, NSAON-2012
Regional IV
Dadi Institute of Engineering & Technology (DIET), Visakhapatnam
3 - 4 August 2012: A two day AP State Level Student Convention - 2012

Inaugural Ceremony on 3rd August
Chief Guests: Sri. Lav Agarwal, District Collector & Magistrate, Visakhapatnam Dist,
Andhra Pradesh
Sri A.P. Choudhary, CMD, RINL, Vizag & Immed. Past Chairman, CSI, Vizag Chapter
Sri Dadi Veerabhadra Rao, Leader of Opposition in the AP Legislative Council
Sri P. Madhusudan, Chairman, CSI Vizag Chapter & Director (Finance), RINL, Vizag
Sri Suman Das, Secretary, CSI Vizag Chapter & DGM(IT), RINL
Sri J.V. Rao, Treasurer, CSI Vizag Chapter & AGM(IT), RINL
Prof. P.S. Avadhani, Dept. of CS & SE, Andhra University, Vizag
Sri Paramata Satyanarayana, Immed. Past Secretary, CSI Vizag Chapter & Sr. Manager(IT),
RINL

Valedictory Ceremony on 4th August
Chief Guests: Padmasree Yarlagadda Laxmi Prasad, Recipient of Sahitya Akademies’
Awards
Sri T.K. Chand, Chairman, CSI Vizag Chapter & Director(Commercial), RINL, Vizag
Sri Dadi Veerabhadra Rao, Leader of Opposition in the AP Legislative Council
Sri Suman Das, Secretary, CSI Vizag Chapter & DGM(IT), RINL
Sri J.V. Rao, Treasurer, CSI Vizag Chapter & AGM(IT), RINL

Under the Guidance, Mentorship and Leadership of Sri. Dadi Ratnakar, Secretary and
Correspondent of Dadi Institute of Engineering and Technology (DIET), Anakapalle, a two
day 2nd AP STATE LEVEL STUDENT CONVENTION- 2012 (3rd and 4th of August,
2012) has been jointly organized by DIET & Computer Society of India, Visakhapatnam
Chapter.

The program was inaugurated by The District Collector Sri. Lav Agrawal, and the Founder
member of DIET who is also the Leader of Opposition & Member of Legislative Council Sri
Dadi Veerabhadra Rao, with the Chief Guest as Sri A.P.Choudhary, CMD, Vizag Steel Plant,
Prof P.S. Avadhani, Dept. of CS&SE, Andhra University, the Guest of Honour was Sri P.
Madhusudan, Chairman, CSI Vizag Chapter, and other strategic members of the Vizag CSI
Chapter, Sri Suman Das, Secretary, Sri J.V. Rao Treasurer, the event convener Sri G.
Satyanarayana and the Co-convener Sri. K Amarendra by lightening the lamp.
The District Collector Sri. Lav Agrawal addressed the gathering and congratulated the entire DIET family for having organized this mega event. He said students need to remain committed to upgrade knowledge and work for the success of applying technology to make life more productive. He added that these conventions can facilitate in knowledge exchange provides a platform to share and enhance their technical capabilities.

The Chief Guest Sri AP Choudhary, CMD, Vizag Steel Plant, in his address expressed profound happiness when he was greeted with a loud cheer from more than 2150 students from various academic institutions from the state and said, of the many renowned educational Institutions in Andhra Pradesh, DIET is among the very few who could have hosted this Mega event. He also said, staying committed to academic value addition is a key program of Vizag Steel Plant. He wanted to place on record that he was pleasantly surprised to note than the student body of DIET constituted of more than 65% female students as against the normal standard.

President of the Event, Sri Dadi Ratnakar’s opening remarks said that this event will down in Technological History of Andhra Pradesh, as the first attempt to showcase and provide a platform for dissemination of technological prowess and over the next two days, he expected to take valuable inputs from students which DIET and the AP Public Servants can start working with.

Principal of the Institution Prof. B. Jagan Mohan Rao, gave a brief history of the technological achievements of DIET in the last year (2011-12) and added that, CSI is a prestigious organization and well known to add value in information technological applications in the world. He appreciated CSI members for having chosen DIET as a partner in technological innovation.

The Founder of DIET, Sri. Dadi Veerabhadra Rao spoke and said, DIET in the form of such state level student conventions works to empower the rural student fraternity and facilitate their technological learning, application and innovation. He emphasized that DIET has always envisaged to bridge the gap between rural youth and higher education.

Prof P S Avadhani in his speech said, India is synonymous with Innovative Technological Applications and the basic ideas get generated in student conventions such as this event. He said, today’s students are solutions to present and future challenges and said, every engineering student should harbor an intent to add value to existing knowledge and work to create or improve one stream of technology or an application that can make the common citizen’s life more simpler and easy.
This inaugural session was also host to the CSI State level awards and prize money amounting to more than Rs. 75,000.00 have been given to various students from Multiple Institutions across the State who excelled in Academics, innovation and best practices. Speaking on this occasion APSLSC-2012 convener Sri G. Satyanarayana announced that a total of 383 research papers have been received which would be presented at the venue, 947 Posters, 112 software packages and 68 Hardware components for demonstration and competition have been received. A total of 347 teams have registered for Technical Quiz and 651 students have registered for other spot events. Registration fees have been kept at a minimum to facilitate knowledge sharing and encourage participation. He said DIET student registrations have been limited to 350 to encourage and provide space for students who registered from across the state.

Other speakers who addressed the gathering are Sri. P Madhusudan, Chairman, CSI Vizag Chapter, Sri. Suman Das, Secretary, CSI Vizag Chapter and Sri. J V Rao, Treasurer, CSI Vizag Chapter.

On this occasion CSI Visakhapatnam Chapter awarded the Special Recognition Award to DIET CSI Student Branch for its Significant Contribution towards active participation in CSI Visakhapatnam Chapter activities.

**Valedictory Ceremony Note (4th August)**

APSLSC-2012 signified entire DIET’s heartfelt feelings of 2238 participants from 74 colleges across Andhra Pradesh that the event and DIET will be remembered as a milestone and the greatest effort in the history of technological education in Andhra State as cited by the Chief Guest Sri. Yarlagadda Laxmi Prasad, Recipient of Sahitya Akademies’ Award and the Guest of Honor Sri. T K Chand, Vice-Chairman, CSI-Vizag and Director(Commercial), Vizag Steel Plant. The very presence of the Founder Member of DIET, The Leader of Opposition in Legislative Council, Sri. Dadi Veerabhadra Rao earmarked the event as a student centric activity that facilitated student learning.

The entire team of Vizag Steel Plant, including Sri. Suman Das, Secretary, CSI Vizag & the DGM(IT), Vizag Steel and Sri. J V Rao, Treasurer of CSI and DGM of Vizag Steel Plant and more than 18 officers from various departments including subject knowledge experts shared their belief that, this event was a magnificent platform for knowledge dissemination and these two days will be remembered for a long time.
The message of Sri. T K Chand conveyed a great sense of pride that prevailed and on behalf of the entire Steel Plant, appreciated DIET for having successfully hosted this event. His note to the students included that, base creativity and innovation are not enough. One should also strive to take them to the world. If you have an idea think how strong it is and what changes can it bring about. You should be able to convey the idea to others in the simplest of the words. The rest will follow. This has been realized and seen in all the sessions at APSLSC-2012. Some of the participants were really good.

The President of the event Sri. Dadi Ratnakar spoke that he was immensely pleasure and thanked the vision of CSI and their torch-bearers Vizag Steel. He thanked them for their continuous support and helping DIET in addressing many challenges before and during the conduct of APSLSC-2012.

By G. Satyanarayana
To create awareness on latest technologies among the students, the CSI student chapter of G.Pulla Reddy Engineering College, organized a Two-day Regional Level Student convention “Aavishkar-2012” on 8th and 9th August, 2012, in association with Computer Society of India.

This convention was inaugurated by, Sri. I.L.Narasimha Rao, Chairman, CSI Hyderabad, and he delivered inaugural address on the topic “Indians can do better if they organized well”. The guest of honor for this function is Sri. K. Laxminarayan Raju, Ex.Chairman, CSI Hyderabad Chapter and he delivered address on the topic “Communication skills play important role in industry”.

Total of 175 Technical papers were received from the students of various Engineering Colleges for Paper Presentation Contest on the topics Cloud Computing, Green Computing, Mobile Adhoc Networks, Soft Computing, And Intelligent Infrastructure Technologies. From these 21 papers were selected for presentation. In addition to this we have also conducted Technical Quiz, Software Contest and Poster Presentation.

The following judges were attended for this Convention:

Prof. M. Neelakantappa, Head of CSE dept. AVR SVR engineering colleg, Nandayl.
Prof. B.M.D.Riyaz, Head of MCA Dept. Stanley Stephen Engineering College, Kurnool.


In Software Contest:
I prize M.Koushik of G Pulla Reddy Engineering College, Kurnool.
In **Poster Presentation:**

**I prize** H. Sreeja and B Ramya Sree from KSRM, Kadapa.


![Participants for Poster Presentation](image)

In **Quiz:**


**II prize** T. Dillip and D.S. Chaitanya Babu of G Pulla Reddy Engineering College, Kurnool.

In the Valedictory function the certificates were distributed to all the participants and prizes were awarded to the winners of Paper Presentation Contest, technical quiz, software contest and poster presentation by Dr. A. Govardhan garu, Prof in JNTU Hyderabad & Vice Chairman of CSI Chapter Hyderabad.
Regional level Techno Cultural fest, ISKRA 2K12, held at Prakasam Engineering College (PEC) in Association with CSI Student Chapter on 8th and 9th of August.

Fest involved a variety of events such as Paper Presentations, Technical Quiz Programs, Technical Poster Presentations etc... Dr. P. Trimurthy, Former President of CSI, Chief Guest ISKRA 2K12, addressed the gathering during valedictory function.

By - Viswam Pasupuleti

_L to R_ Dr. P. Trimurthy, Dr. Kancharla Ramaiah, Mr. I.V. Subbarao, Mr. G. Ayyanna, Prof. N. Renukachari, Dr. M. Lakshmana Rao
CSI-DMCE STUDENT CHAPTER INAUGURATION
The Inauguration Ceremony of the Computer Society of India’s 424th Student chapter was successfully held at N. Y. S S Datta Meghe College of Engineering on 3rd August 2012.

The ceremony initiated with lamp lighting and Saraswati Vandana at 11:30 am. The dignitaries on the dais were honored through felicitation and the commencement of the inauguration was marked by the welcome address given by Mrs. Chhaya Pawar in her capacity as the Student Branch Co-ordinator. She welcomed the honorable guests, dignitaries and audience on behalf of the institution and student committee. She announced the proposed sketch of the committee’s work of the Student Chapter in the college for the semester. Mrs Pawar also congratulated the students of final year for their hard work in bringing the prestigious CSI membership to the college. This was followed by the inauguration address given by, the HOD of Computer department, Prof. A. P. Pande who expressed his greeting for the guests and also his delight over the fulfillment of one of the yearnings of respected Principal Dr. S. D Sawarkar of bringing student membership of Computer Society of India to the college.

Later the recently joined Dean of Academics and HOD of Information Technology, Dr. Satish Dewane addressed the lecture hall, expressed a hearty welcome for the guests and gave valuable insights into his stupendous experience of 25 years of working with CSI part of which as a Student Branch Coordinator at RAIT, Nerul.

Mr. S. M. Fahimuddin Pasha, Assistant Manager at CSI Mumbai Chapter, one of the guests, then introduced the CSI and explained briefly the working of the astoundingly vast fraternity of CSI. He also explicated the international alliances of the Society and the numerous privileges that any member of the CSI may take pleasures of.

The high point of the ceremony was when the chief guest Mr Abraham Koshy, Head CSI-Mumbai Chapter addressed the crowd. Mr Koshy gave a historical perspective on the development of the Indian computer technology right from the 1920s, gradually building up through India’s independence struggle, the world wars and Indian Republic’s infancy to the present by giving excellent examples of revolutions created by brilliant scientists including Professor P. C. Mahalanobis, Founder of Indian Statistical Institute and Dr. Homi Jehangir Bhabha the famous Indian Scientist. Mr Koshy elucidated the birth and formation of the Computer Society of India and also illuminated the true spirit with which the society was...
established. He urged the young engineers in the auditorium to stand up to their duty towards the nation, as righteous and talented young brains, to glorify the country in the field of Information Technology by availing to the great opportunity presented to the young engineers in form of Computer Society Of India’s Student membership.

The icing on the cake of the successful ceremony was the patient and engrossed audience that seemed to share the spirit of coming together under the umbrella of CSI. Finally after the vote of thanks presented by vice chairman of student committee, the entire committee was introduced in front of the crowd and the ceremony closed at around 1:30 pm with very positive feedback from the attendees.

By Vishal Mujumdar
Region VII
Manakula Vinayagar Institute of Technology (MVIT), Pudhucherry
3 - 4 August 2012: Two day workshop on “Android and Its Applications”

TWO DAY WORKSHOP ON “ANDROID AND ITS APPLICATIONS” on 3 & 4 August 2012

The workshop was focused on the application development in Android Platform. It provided a hands-on experience to the students in android simulator. The workshop helped the students to develop their own android applications and their knowledge towards current mobile operating systems.

Speaker during the workshop
An awareness programme on Computer Society of India was conducted by Sree Buddha College of Engineering, Pattoor, Alappuzha in association with the Education Directorate, Computer Society of India, Chennai. The talk was delivered by Mr. Y. Kathiresan, Senior Manager, CSI.

The first session was on “Personal Effectiveness” and the importance of developing personal effectiveness in students. In the second session he talked about the mission and goals of CSI and the benefits of being a CSI student member. College Principal Dr. Somi Sebastian, PG Dean Dr. E K Bhaas, HOD of Dept of Computer Science Mr. Anil A R and HOD of Dept. of ECE Ms. R. Ramya were among those who were present.

The programme was well attended by about 250 students and faculty from Departments of Computer Science and Electronics and Communication of SBCE, Pattoor.