

Workshop on IT Origin and Evolution



Left to Right: Prof. Naveen Choudhary , Dr. Dharm Singh, Dr. Neetesh Purohit, Prof. RC Purohit, Er. Nilay Mathur, Mr. Azimuddin Khan

The CSI Udaipur chapter had organized a one day workshop on IT Origin and Evolution in association with the Department of CSE, College of Technology & Engineering (CTAE), MPUAT Udaipur on 19th June 2010. The workshop was attended by 50 students and 30 faculty members from various engineering college in Udaipur.

Prof. Naveen Choudhary, organizing chair welcomed the participants. Dr. SS Rathore Chairman Institution of Engineers (India) Udaipur Centre welcomed the Prof. RC Purohit Dean CTAE, Udaipur, by presenting the bouquet. Dr. Dharm Singh, Secretary, CSI Udaipur introduced Prof. RC Purohit, Dean College of Technology and Engineering, Udaipur, Prof. Nitesh Purohit, IIIT Allahabad, Er. Nilay Mathur, Director NIIT Udaipur and Akash Deep Mahajan, TDE, NIIT Ltd Delhi. Mr. Azimuddin Khan, Vice Chairman, CSI Udaipur highlighted the CSI strengths and its activities.

The workshop had three talks as detailed below:

Scientific Origins of the Internet

In the technical talk on "scientific origins of the internet", Dr. Dharm Singh said that though the Internet today is vehicle for commerce, entertainment, news, and personal communication, its origins lie in scientific endeavour, and it has been fundamentally shaped by scientific practices and values. The Internet was originally created to support scientists to exchange their research findings, and its technical design reflected the needs and abilities of this group.

IT – Road to financial freedom

Er. Nilay Mathur, Centre Director, NIIT Udaipur, Computer education centre presented his views on "IT – Road to Financial Freedom" and elaborated that although India gained

political freedom 63 years ago, the economic freedom was achieved only in 90's due to major contribution of IT industries. IT industry, which is knowledge base industry, painted a new scenario of economy.



Dr. Neetesh Purohit delivering a keynote speech

Evolution of IT

Dr. Neetesh Purohit from IIIT Allahabad presents the keynote address on the theme. He spoke about Shannon's idea of information quantification used in communication engineering and other newly developed research streams and explained them. The utility of the information theory principals in molecular biology field specifically the shift in methodology from descriptive models to qualitative model was illustrated and importance of mathematical formulation of various engineering problems and their impact on day to day life was vary impressively communicated to the participants. In Bioinformatics system, most people believe that the origin of life is still an unsolved scientific problem. But the fact is "The origin of life is unsolvable as a scientific problem" as predicted by Nobel laureate Neil's Bohr in 1933 and proved by Dr. H. P. Yockey 1992 in the masterpiece H. P. Yockey, "Information Theory, Evolution and the Origin of Life", Cambridge University Press, 2005.

Recommendations

- ❖ Use of mathematical formulation was recommended with reference to the quote of renowned Heinrich Hertz 1857-1894. "One can not escape the feeling that these mathematical formulae have an independent existence and an intelligence of their own, that they are wiser than we are, wiser even than their discoverers, that we get more out of them than we originally put into them".

- ❖ As Internet is a unique creation of human intelligence and the growth of the Internet is not a fluke or a fad, but the consequence of unleashing the power of individual creativity. Its use should be popularised in the larger interest of mankind.



TRIVANDRUM

On 19th May, 2010 World Telecommunication and Information Society Day 2010 was celebrated. Mr. Satish Babu, President, InApp Technologies, Technopark and Former National Secretary, Computer Society of India, delivered lecture on the theme "Better City, Better Life with ICTs".

On 26th May, 2010 Technical talk on "Reusable Launch Vehicles" by Dr. K Sivani, Project Director, RLV-TD, VSSC, Thiruvananthapuram.



TRIVANDRUM : Mr. Satish Babu delivering the lecture.

On 2nd June, 2010 World Environment Day 2010 was celebrated. Dr. A.G.Pandurangan, Head, Plant Systematic & Evolutionary Science Division, TBGR, Trivandrum delivered the lecture on the theme "Many Species, One Planet, One Future".

On 16th June, 2010 One Day Seminar on The Proposal to Reduce Width of NHs 47 and 17 in Kerala was organized in association with other professional societies in Trivandrum. Mr. K.P.Rajendran, Honourable Minister for Revenue, Government of Kerala was the Chief Guest.

UDAIPUR



UDAIPUR : (L to R) Dr. Dharm Singh, Dr. Neetesh Purohit, Prof. RC Purohit, Er. Nilay Mathur, Mr. Azimuddin Khan, Prof. Naveen Choudhary

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VISAKHAPATNAM



VISAKHAPATNAM : Mr. A.P.Choudhary felicitated Mr. D.Kameswara Rao on the occasion of his superannuation. Mr. Paramata Satyanarayana and Mr. KVSS Rajeswara Rao were also present.

The chapter conducted a Technical talk on "Innovative Technologies for an enterprise - a Novell perspective". In this technical talk the following topics were covered High Availability and Disaster Recovery --> in a Box, Running Domain Authentication Services for Windows on Linux Server, Reducing Storage Requirement, Protecting Web Applications and adding two factor authentication, Single Sign on with Client Integrity Check, Beyond Email and Chat: New option for communicating with others in Real Time.

The talk was delivered jointly by Mr. Boby Jacob, Principal Solution Architech, Novell India, Mr. Henry Isaac, Regional Manager (South India), Novell India and Mr. Raju Sarma - Sr. Executive, Marketing - SONATA IT Ltd.

The programme was well appreciated by over 100 IT professional from various organizations of Visakhapatnam.

On this day, the chapter has also felicitated, Mr. D.Kameswara Rao, General Manager (IT), Rastriya Ispat Nigam Limited who has retired from the services of RINL in gratitude of his services as Chairman, CSI