

SciTechFest, 2005, a first symposium on Contemporary Electronics & Computer Technology: Dec 24-25, 2005

The aim & objective of this TECHFEST was to provide an opportunity to explore the hidden aptitude of the budding engineers & scientists and encourage them for practical implementation of the project. This may help in developing scientific research & product development environment in the state. One of important motive was to provide a platform to the students of Science & Technology to develop their interests and exchange their technical knowledge, and enhance their communication and presentation skills.

The Event: The event included paper presentation, Model, poster & project presentation and Student career counseling on the following major topics

- Electronics & Communication
 - VLSI
 - Embedded System
 - DSP
 - Electronic Control System
 - Photonics & Optical Fiber Comm.
 - Nano Technology
- Computer Science & Information Technology
 - Microprocessors, Microcontrollers
 - Operating Systems & Other software Programming
 - Data Communication
 - Internet Technologies
 - Artificial intelligence, Robotics
- Astronomy, Astrophysics
- Any other relevant topic can also be sent for review.

Inaugural Session: Dr. Anil Kumar, hon'ble minister for science & technology inaugurated the event. In his inaugural speech, he assured that the students of various technical colleges of the state would be provided with all required facilities to upgrade their knowledge and later adequate job opportunities would be created for them inside Bihar itself.



(Dr. Anil Kumar, (Extreme right) Minister for Science & Technology, Govt of Bihar Inaugurating Symposium 'SciTechFest, 05',

Prof M.J.Warsi,
Professor of

south and South-East Asian studies, University of California, Berkely in his keynote address threw light on "Globalization and urbanization in the context of vast expansion of IT sector throughout the world. In the context of Bihar, he blamed poverty as the main cause behind educational backwardness in the state.

Dr. B.K.Sharma president of BiharBrains and Professor of Electronics, NIT,Patna stressed the need to organize such kind of symposiums, seminars and conferences in Bihar which will help in creating scientific research environment in the state.

Mr. Ramraj Pandey employed in USA based automobile company Dailmer Chrysler at USA welcomed the guest. He was also the convenor of the Symposium.

The other eminent guests who were present in the inaugural functions were Hon'ble Secretary(Science and Technology, Govt of Bihar), Dr. Amitabh Ghosh (Director of Planetarium, Dept of S&T, Govt of Bihar), Prof. P.K. Sinha (Director of NIT, Patna),Prof. Santosh Kumar,(Former Director, CWRS, NIT, Patna), Prof J. Thakur(HOD, Physics, Patna University), Sri Amalendu Naraayn Sinha (EX-Editor, Hindustan Times)etc.

Technical Session: Around 60 papers were accepted to present in the technical session of the symposium. List of those given has been below. Around 200 participants and delegates were present in the symposium.



(Mr. Ramraj Pandey, Convenor of the symposium)



(Dr. B.K. Sharma delivering his lecture)



(Students and Researchers participating Technical Session of SciTechFest)

In technical session, **Dr. J.Thakur** gave his lucid talk on **"20 th century astrophysics"**. In his address he threw light basically on Black Holes and its unsolved mystery. ACIPharm India, a leading pharmaceutical company and genesys software, an IT company also participated in the symposium.

Paper presented on the following main topics:

1. India's contribution in world in the Field of Communication based on the Hobbies of the Science
2. Stoock Exchange System (using java's RMI) based on client server
3. Automatic Railway System & anti collision of trains
4. Production of electricity by biomass
5. Nanotechnology
6. Performance of Cong Transmission on line by the use of tool MATLAB
7. Optical fibre communication
8. Spintronics
9. Communication issues of tomorrow defining development priorities today
10. Comprehensive Dynamics of Evolution interplay of selection, neutrality and function
11. Automatic Water Pump Controller
12. An introduction to FDMA.TDMA & CDMA
13. Knowledge representation a network model
14. Importance of Advanced Computing computers in space explorer
15. 4th year generation wireless using OFDM
16. Software Defined Radio

Valedictory function: Sri K.K.Srivastava was the chief Guest at the valedictory function. He presented the award and certificates to the students. The function was presided by **Dr. B.K.Sharma** and he was also the jury for the selection of the awardees.



(Dr. J. Thakur awarded prizes for the best presentations)



(Sri Amalendu Narayan Sinha, Ex-Editor, Hindustan Times awarding Prize)





(Dr. J. Thakur, Sri K.K.Srivastava , chief guest (Middle on dias) in Valedictory function)

Mr. Bibhuti Bikramaditya, chairman of BiharBrains gave his online Vote of thanks (on yahoo messenger that were shown in the auditorium) to the guests and particularly to the students who played major role for the success of the meet. Mr. Bibhuti announced that **"SciTechFest"** will be organized by BiharBrains every year that will certainly help in creating work environment in Bihar. *He gave special thanks to Mr. Ramraj and Dr. BK Sharma with all his Patna team members to make function as successful event.*

News Coverage

'सूबे में तकनीकी शिक्षा का विकास जरूरी'

हमारे सिटी प्रतिनिधि, पटना

विज्ञान एवं प्रौद्योगिकी मंत्री डा. अनिल कुमार ने जोर देकर कहा है कि सूबे की तरक्की के लिये विज्ञान व आधुनिक तकनीकी शिक्षा का विकास जरूरी है। वे शनिवार को साइंस कालेज में कंटेमपोरी इलक्ट्रॉनिक्स एंड कम्प्यूटर टेक्नोलॉजी पर आयोजित दो दिवसीय सेमिनार का उद्घाटन कर रहे थे। उन्होंने आधरत किया कि शीघ्र ही सभी तकनीकी शिक्षण संस्थाओं को इस दिशा में सम्मन्न बनाया जायेगा।

एनआईटी के निदेशक डा. पी के सिन्हा ने कहा कि संस्थान वैसे छात्रों के ज्ञान को उन्नत करने में पूरा सहयोग करेगा, जो दिशा में प्रयासरत हैं। संयोजक डा. बी के शर्मा ने भी समारोह को संबोधित किया।



■ साइंस कालेज में सेमिनार का उद्घाटन करते विज्ञान व प्रौद्योगिकी मंत्री जागरण

Symposium on computer tech begins

HT Correspondent
Patna, December 24

IN A bid to search talents in the field of Electronics and Information Technology in Bihar and provide them proper guidance to explore their abilities, a two-day symposium on 'Contemporary Electronics and Computer Technology' named 'Sci Tech Fest' began here on Saturday at the local Science College.

It has been organised by the Bihar Brains Scholastic Center (BBSC), an organisation set up by some non-residential Bihari professionals, especially in field of Science and Technology, to gen-

erate a common platform for academicians, scientists, professionals and students for the development of the State.

Minister of Information and Technology of the State, Dr. Anil Kumar, in his inaugural speech, assured that the students of various technical colleges of the State would be provided with all the required facilities to upgrade their knowledge and later adequate job opportunities would be created for them inside Bihar itself.

Dr. M.J.Warsi, Assistant Professor of South and Southeast Asian Studies, University of California, Barkley, in his keynote ad-

dress threw light on 'Globalisation and Urbanisation in the context of the Vast Expansion of IT Sector throughout the World'. In context of Bihar, he blamed poverty as the main cause behind the educational backwardness of the State. Dr. B.K.Sharma, a faculty of the National Institute of Technology, Electronics Department, said that to develop a culture of research and inquiry in all the fields of science and technology, such events had great role to play. Ramraj Pandey, a senior engineer of Daimler Chrysler, an automobile company of USA welcomed the audiences.