REPORT ON: "7th RSW at SCSC"

On Tuesday, 11th September, 2012, Salesian College Siliguri Campus in collaboration with CSI, Siliguri Chapter organized a Research Scholars' Workshop on Computer Science and Application. Though it was the 7th RSW, this event was unique in itself in various aspects. This was the first workshop on Computer Science and Application and was jointly organized by CSI and SCSC. It was eventful due to the presence of a few renowned persons from different universities.

The Workshop was called to order by Mr. Amit Ghosh Roy, Convener, RSWCSA-2012. It was followed by the lighting of the lamp and garlanding of the guests along with a prayer song. Thereafter Fr.George Thadathil, sdb, Principal, SCSC, gave a short speech in which he welcomed the honourable guests and a gave a brief introduction about the Workshop and the CSI drawing attention to related events taking place all over the country in the field of computer science. Then an introductory speech was given by Prof. A. Mondal, Secretary, RSWCSA-2012, CSI, Siliguri Chapter.

At 10.05 am, the very first talk was delivered by Prof. A. Choudhury, Dept. of CSE, Jadavpur University on **"Digital Fountain"** in which he discussed about his works on secret message sharing using steganography. Then there was a short tea-break after which there was the second presentation by Prof. J. K. Mondal, Department of CSE, Kalyani University on **"Estimation, Suppression and Optimization of Impulses in Digital Imagery"**. This was followed by a talk by Prof. R. K. Samanta, Department of CSA, N.B.U on **"Data Mining and Decision Support: Ways and Means"**. The third paper was presented by Dr. I. Ghosh, Asst. Prof. A.C. College on **"AI Techniques in Tea Management"**. The next talk was given by Mr. Aposh Roy, Asst. Prof, Dept. CSA, NBU on **"Artificial Neural Networks as applied on Handwritten Character recognition"**. This talk marked the end of the first session interspersed with discussions, questions and responses and was followed by lunch break.

After the break, the first talk of the second session was presented by Mr. Tamal Sarkar, Scientific Officer, USIC, NBU on **"Exploring the World of Black Holes Binary through XMM-Newton Mission"**. This was followed by yet another interesting presentation by Mr. R. K. Mondal, Asst. Prof, Dept. CSA, NBU on **"Character recognition with Neural Networks"**. The next talk was given by Mr. Dilip Roy Choudhury, Asst. Prof, Dept. CSA, NBU on **"NeoXperts: Expert Mechanisms for Medical Decision Making in Neonatal Domain"**. Then Prof. A. Mondal, Dept. CSA, NBU along with his three students Shruti Saha, Sudip Shaw and Arkadeep Ukil gave an interesting

presentation on **"An Approach for Image Based Steganography and Cryptography Technique"**. This was followed by three papers by Mr. Amit Ghosh Roy, on **"Introduction to Parallel Processing with MPI"**, Mr. Subhojit Bose on **"Reverse Engineering through Expert System"** and Mr. Dhirodutta Subba, on **"Tiger vs. Dragon: A comparison of technical developments in India And China"** lecturers at Salesian College Siliguri. The last presentation was given by Prof. A. Mondal, Dept. CSA, NBU on **"Drivers for Processor Evolution: From Single Core towards Multi-core Architecture"**. Following the discussions and responses the workshop came to its conclusion with the Valedictory speech by Fr. George Thadathil, sdb, Principal, SCSC, distribution of certificates of participation and a Vote of Thanks by Mr. Dhirodutta Subba, the head of the department of computer science.

Reported by:

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