

Report: Invitational Presentation on Emerging Trends in Computer Science and IT

The Department of Computer Science held an Inter-College Invitational Presentation for students of B.Sc. (Computer Science) and BCA, on 15th September, 2023.

Eight academic institutions (including the host college) were invited, with two eventually declining because of unavoidable reasons.

The presentations made by the students were very well thought of and engaging. They covered various fields of Computer Science among which Machine Learning, Block Chain, Computer Vision and Data Science were prominent.

It was a tough fight but in the end, three winners emerged. Bidipta Das of St. Edmund's College earned the first prize, Constatine S. Kharsyntiew of Shillong College bagged the second prize while Raj Chakraborty of St. Anthony's College was awarded the third prize.

The program took off its first session with a keynote address (online) by Dr. Debayan Gupta, Asst. Prof (Computer Science), Ashoka University, and research associate at Massachusetts Institute of Technology (MIT).

Dr. Gupta opined that the concept of security in computing differs from daily life, requiring additional layers of protection due to the absence of geographical distance and the potential for attacks from anywhere in the world. Furthermore, privacy and security are essential but need to be balanced with the ability to address criminal activities and societal concerns, requiring a middle ground between individual rights and government access.



He also added that advanced mathematical techniques allow for privacy-preserving computations, enabling the calculation of functions on private information without revealing the data itself. He concluded the address by stating that one should have a strong foundation in the fundamental concepts of the subject they are studying and steer their skills towards the greater good.

