Report on Let's Transcend on New Horizons Guest Lecture

A Guest lecture on "let's transcend to new horizons" was organized bythe department of computer science and engineering, School of Computer, Information and Mathematical Sciences for the faculty members of the department. Dr.SulthanHalifa Haroon Al Rashid Research Fellow, MIT University, Australia, and Co-Founder of BigEnPass Pvt Ltd was the resource person for the event. A total of 17 faculty from the department attended this event.

Dr.Sulthan renowned for his work on nanomaterials to detect diabetes from human breath talked about few important grey areas that could cause serious security and financial threat

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to humans in the field of information technology. He has addressed the open issues in the following areas.

Cyber Attacks: There have been a potentially large number of opportunities for cyber-attacks to get into any running machine in an open or closed network. He has highlighted a scenario where federal bank; the USA was manipulated by the cyber attackers to transfer money from their bank without knowing to the users. He highlighted the issues like how our phone audio can be heard and data can be stolen easily.

Science: Security flaws can happen even at the best of best in the field of technology. To highlight this issue, Dr.Sulthan talked about how a virus injected in the NASA space centre has halted work for 3 weeks with the danger of the reactor being blown out. Even though the technology has advanced to a greater height still there are a lot of possibilities to get inside any network and cause serious damage to data, money, and even the hardware also.

He has thrown an open scenario to address the issue with a commonly used static username and password in all the banking or precious data sites. The faculty discussed a lot in detail

about the problems thrown in the resource person and came up with a lot of crazy ideas to solve this issue.

Dr.Sulthan also mentioned the students of the digital world must be equipped with proper knowledge about the job opportunities in this field. Prospective Employment Careers in this Cyber Security are still in disguise. He gave a deep insight on various technical jobs for professionals in Cyber Security to our students.

At the end of the session, faculty members were aware of the open flaws in the internet world and issues that need to be addressed. Hands-on workshops were planned to understand the security mechanisms and how to address the issues. The scope of security has wide space, that has to be filled to prevent data and money to make world a safer place digitally.