

## Report on Faculty-Student Interaction Session - 02-08-2024

### Beyond Cybersecurity — Behavioural Approaches to Information Assurance

On August 2, 2024, the JSS Centre for Management Studies hosted a highly engaging faculty-student interaction session featuring Dr H. R. Rao, the AT&T Chair Professor of ISCS at the Alvarez College of Business and Professor of Computer Science (Courtesy Appointment) at UTSA. The session aimed to provide students and faculty members with deep insights into critical contemporary issues in the field of information systems and cybersecurity. Dr Rao's extensive expertise and experience set the stage for a thought-provoking discussion.



Dr Rao shed light on pressing cybersecurity concerns, focusing on the principles of confidentiality, integrity, and availability (CIA). He emphasized the importance of protecting sensitive information from unauthorized access (confidentiality), ensuring the accuracy and trustworthiness of data (integrity), and maintaining reliable access to information and systems (availability). Dr Rao illustrated these concepts with real-world examples and underscored the need for robust security measures in today's increasingly digital and interconnected world. His insights were particularly relevant given the rise in cyber threats and the critical need for organizations to safeguard their digital assets.

One of the most impactful examples Dr Rao shared was the tragic flight disaster on March 27, 1997. He detailed how a failure to maintain the integrity of critical systems contributed to the disaster, highlighting the dire consequences of lapses in cybersecurity protocols. This example vividly illustrated the real-world implications of cybersecurity failures, reinforcing the importance of adhering to stringent security practices. The session concluded with an interactive Q&A segment, where students and faculty members had the opportunity to discuss their concerns and gain further insights from Dr. Rao. The event was an enriching

experience, emphasizing the critical role of cybersecurity in protecting both organizational and personal information in our digital age.



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