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Semiconductor innovation Seminar 22 July 2025 Publish Date: July 21, 2025

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#### 22nd

Organizer: United International University â€" EEE Department & IEEE UIU Student Branch. Event dates: July 22, 2025 3:00 pm to July 22, 2025 5:00 pm Registration URL: https://forms.gle/F2UmnYNaVmg2Lr6V8 A Golden Opportunity for Future Innovators! IEEE UIU Student Branch proudly presents a power-packed session with one of the world's most influential figures in the field of semiconductors and deep tech. With an extraordinary journey from BUET to Purdue University, USA -Dr. Hussain has previously served as a Professor at University of California, Berkeley, Program Manager at SEMATECH, and Process Integration Lead for 22nm FinFET CMOS at Texas Instruments. He has led pioneering research funded by DARPA, Boeing, Lockheed Martin, GSK-Novartis, Saudi ARAMCO, and more. About the Speaker: 🌠Founder of vFabLab – the world's first virtual semiconductor fabrication platform 450+ research publications and patents Recipient of 47 international awards including: 🥇 CES Best Innovation Award (2020) 🥇 Edison Award (2020) 🥇 Texas Exes Outstanding Young Alumni Award (2015) 🥇 IEEE R5 Outstanding Individual Achievement Award (2016) 🌟 Scientific American Top 10 World Changing Ideas (2014) ðŸŽ-ï, Fellow of IEEE, American Physical Society, and Institute of Physics (UK) Distinguished Lecturer, IEEE Electron Devices Society Editor, IEEE Transactions on Electron Devices (T-ED) His work has been covered by CNN, FOX News, National Geographic, Forbes, WSJ, IEEE Spectrum, Washington Post, and more. What can students expect to learn? âc... Future of semiconductor innovation âc... Deep tech & electronics career paths âc... Research, patents, and global collaboration âce... How to build globally impactful ideas from developing nations âce... Introduction to vFabLabâ, ¢ and its role in democratizing chip design ðŸ"... Date: 22 July 2025 ðŸ•′ Time: 3:00 Pm ðŸ" Venue: UIU ðŸ" Registration Link: https://forms.gle/F2UmnYNaVmg2Lr6V8 ðŸŽ" Open to: Engineering students from any university — especially from EEE, CSE, Data Science, Software Engineering and all aspiring changemakers! ðŸ"¢ Organized by: United International University â€" EEE Department & IEEE UIU Student Branch. Whether you're passionate about nanoelectronics, semiconductors, R&D, or just starting your tech journey this is a must-attend session! Let's learn from the global leader who is shaping the future of electronics, innovation, and deep tech! Recent Events August 1, 2025 8:00 pm IEEE UIU WIE VLSI Webinar for CSE & EEE Students April 24, 2025 1:00 pm IEEE PES DAY 2025 at UIU January 19, 2025 2:45 pm Seminar on "BESS Solution – For Better Energy Flexibility and Controllability,†January 21, 2025 2:30 pm ð"ð±ðœð¥ð®ð¬ð¢ð¯ðž ð′ðžð¦ð¢ð§ðšð« ð¨ð§ ð•ð‹ð′ð^, ð′ðžð¦ð¢ðœð¨ð§ðð®ðœðð¨ð« ð^ð§ðð®ð¬ðð«ð², ðšð§ð ð"ð¥ð¤ðšð¬ðžð¦ð¢! January 11, 2025 2:00 pm Seminar on "Power Sector Job Opportunities in Bangladesh and Preparation Guidelines†January 1, 2025 2:30 pm ð'ðžð¦ð¢ðœð"ð\$ðð®ðœðð"ð« (ð'ð¢ð¥ð¢ðœð"ð\$) ð^ð§ðð®ð¬ðð«ð² ðŽð<sup>–</sup>ðžð«ð<sup>–</sup>ð¢ðžð°

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