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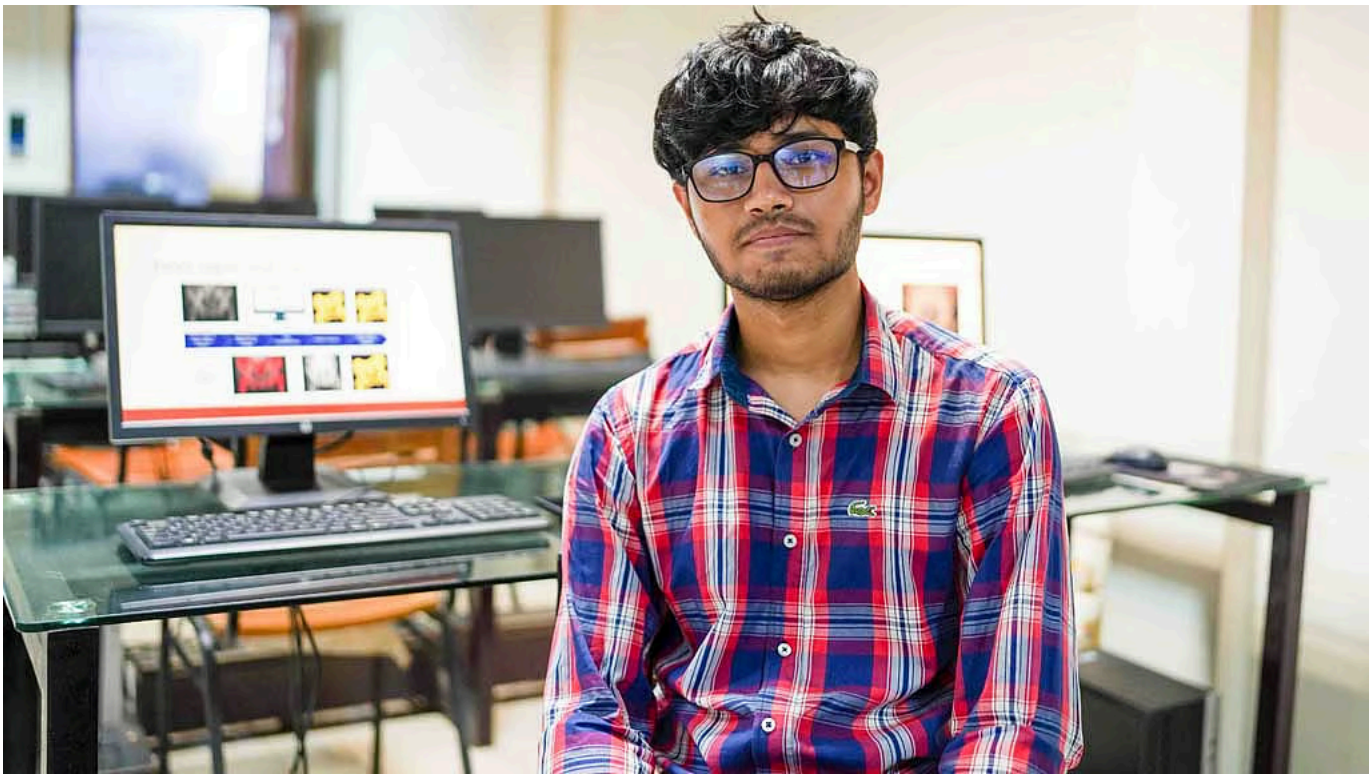
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IUB student Siam starts year-long research exchange programme in Japan

The CSE undergrad student will pursue studies on medical image analysis using artificial intelligence



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Starting in September, Siam will spend an academic year under the joint supervision of Prof Syoji Kobashi of the University of Hyogo and Associate Professor Saadia Binte Alam of IUB, the Bangladeshi university said in a press release on Wednesday.

The Bangladeshi exchange student's research will focus on medical image analysis using artificial intelligence while supported by the Hyogo University Mobility in Asia and the Pacific (HUMAP) Scholarship.

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"Siam's research will be on enhancing AI-driven techniques for analyzing medical images, with the goal of improving diagnostic accuracy and healthcare outcomes. Specifically, he will work on developing AI tools to detect fractures from pelvic X-rays, aiming to create assistive technology for doctors," IUB said.

The HUMAP Scholarship covers the cost of the mobility programme and provides 80,000 yen per month to the student as living expenses.

Siam is in his 10th semester in the Department of Computer Science and Engineering. He has been a research assistant for Saadia's lab since July 202.

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Nushrat Afroz Roza, also from the CSE department, spent a year at Hyogo starting in September 2023.

“I’m thrilled to work on AI-driven medical image analysis at the University of Hyogo,” Syam said. “This research has the potential to significantly enhance diagnostic capabilities and improve patient care, which is what excites me most about this opportunity,” Siam shares, discussing his enthusiasm for exploring new AI techniques and contributing to the future of medical imaging technology.”

He says he is eager to embrace Japanese culture and adapt to the competitive academic environment.

“I look forward to the challenges ahead and feel well-prepared thanks to the support and training I received at IUB,” he said.

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