Science and Engineering Research Board (SERB) sponsored one day Workshop

on

Security and Privacy in Healthcare Services

Organized by-

Dept. of CSE

Indian Institute of Information Technology Guwahati

About IIIT Guwahati

Indian Institute of Information Technology Guwahati (IIITG) is an institution of National Importance under an Act of Parliament (The Indian Institutes of Information Technology (Public-Private Partnership) ACT, 2017). It offers B.Tech. courses in Electronics and Communication Engineering (ECE) and Computer Science Engineering (CSE), M.Tech. courses in CSE and ECE and runs PhD programmes in ECE, CSE, Mathematics, and Humanities and Social Sciences (HSS). In its very first year when it became eligible, IIITG has got a rank of 66 in the Engineering category of NIRF 2020.

About Department of Computer Science & Engineering

The programme is designed to create innovators and researchers. Students are given a strong foundation in CSE that includes electronics and hardware. The B.Tech. (CSE) program at IIIT Guwahati starts with computing oriented courses first, and allows the possibility of doing science courses later. Besides being better suited for an IT program, it also enables the possibility of students seeing newer applications and possibilities of relating IT with these subjects.

About Workshop

Technological advancements in healthcare have revolutionized society, particularly in the area of continuous health status monitoring using Wireless Body Area Networks (WBANs). Cloud technology can efficiently manage resources used in WBANs, enabling medical service providers (MSPs) and WBANs to analyze physiological parameters. However, there are potential security and privacy implications that discourage users from adopting smart healthcare technology. Trusted Third Party (TTP) can easily track the medical activity of a user, potentially leading to malicious activities and threats to their life. Additionally, the centralized system relies on TTP, which can lead to system failure and the sale of medical data without proper consent. The aim of this workshop is to spreding the knowledge in this direction as well as in the relevant direction of research in the areas of security and privacy. Experts from IITs and IIITs will deliver the talks in this workshop to share their knowledges and experties.

Workshop Coordinator

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Tentative Schedule

9th September 2023

9:30 to 10:00 AM: Inauguration:

10:00 to 11:00 AM: Lecture 1 by Prof. John Jose, IIT Guwahati

11:45 to 12:45 PM: Lecture 2 by Prof. Chandan Karfa, IIT Guwahati

1:00 PM to 2:00 PM: Lunch Break:

2:00 to 3:00 PM: Lecture 3 by Prof. Rakesh Biswas, IIIT Guwahati

3:00 to 3:30 PM: Tea Break

3:30 to 4:30 PM: Lecture 4 by Prof. Subhasish Dhal, IIIT Guwahati

4:30 PM: Vote of Thanks

How to Appply?

Eligibility: Faculty of any institution.

There are limited number of seats. Seats will be filled up in first come first Serve basis. Interested candidates should register through the following link for attending the workshop:

https://forms.gle/qv9NEWg7ouCoESG59

REGISTRATION FEES: There is no registration Fees