DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021 – 2022 ODD SEMESTER

IEEE STUDENTS BRANCH STB 16621-JANUARY, 2022

INTERNAL STAFF SEMINAR REPORT

Department of Computer Science & Engineering and students branch of IEEE jointly organized an internal staff seminar on 31.1.2022 at Smart Classroom (Room No.223).

OBJECTIVE

The objective of this seminar is to gain insight knowledge about different fields of application of Helathcare IoT(HIoT).

SESSION DETAILS

Title: IoT based application in Healthcare devices

Internal seminar for faculty of Computer Science Engineering department was conducted on 31.1.2022 from 12.30 P.M to 1.15 P.M in Smart Class room. Ms.R.Shanthi, AP/CSE delivered the lecture on the topic "IoT based application in Healthcare devices". She explained the architecture of HIoT and technologies involved in HIoT. She described the services and the applications of HIoT. She concluded the seminar with challenges and issues in HIoT Technologies to provide smart healthcare application in upcoming years.

OUTCOME OF THE EVENT

- Got an idea about HIoT Technology
- Understand the architecture of HIoT
- Assist the students to develop project in this domain
- Assist the faculty members to do their research in this domain

REFERENCE:

[1] Z. Ali, M. S. Hossain, G. Muhammad, and A. K. Sangaiah, "An intelligent healthcare system for detection and classification to discriminate vocal fold disorders," *Future Generation Computer Systems*, vol. 85, pp. 19–28, 2018.

[2] G. Yang, L. Xie, M. Mantysalo et al., "A health-IoT platform based on the integration of intelligent packaging, unobtrusive bio-sensor, and intelligent medicine box," *IEEE Transactions on Industrial Informatics*, vol. 10, no. 4, pp. 2180–2191, 2014.

[3] Y. Yan, "A home-based health information acquisition system," *Health Information Science and Systems*, vol. 1, p. 12, 2013.

[4] M. Khan, K. Han, and S. Karthik, "Designing smart control systems based on internet of things and big data analytics," *Wireless Personal Communications*, vol. 99, no. 4, pp. 1683–1697, 2018.
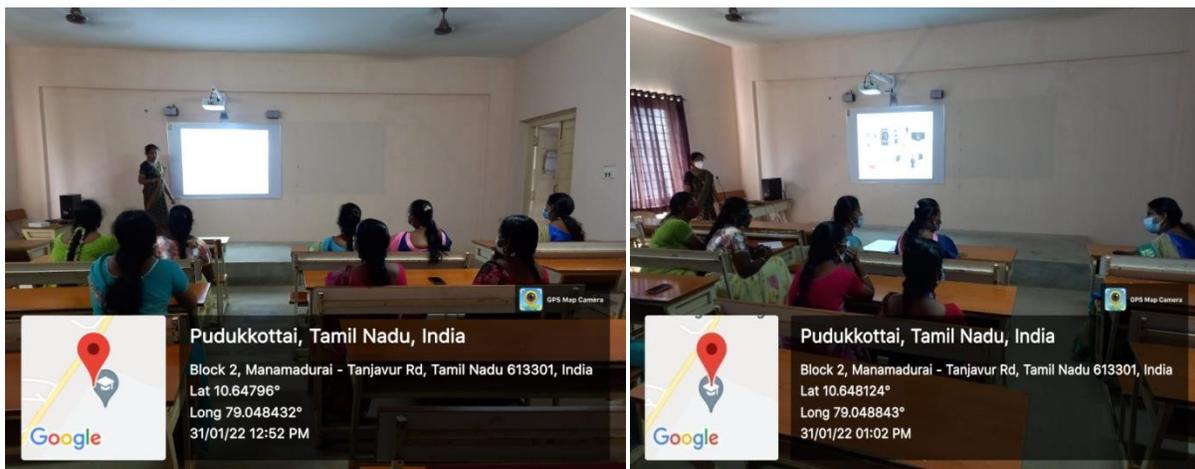
Ms.R.Shanthi AP/CSE described the concepts of HIoT

Faculty members listen the seminar