ATAL Online 6 Day Faculty Development Programmes 2024-25 Schedule

FDP Thrust Area: Health Care & Med-Tech
FDP Title: IoT in Healthcare: Transforming Patient Care and Management
Start Date: 09/12/2024   **End Date:** 14/12/2024

09/12/2024	10/12/2024	11/12/2024	12/12/2024	13/12/2024	14/12/2024
6:00PM to 6:30PM **Inaugural Session**	6:00PM to 7:30PM **Session 3** Topic: **IoT &AI for Mental Healthcare** Dr. M. Suchetha Deputy Director, **Centre for Healthcare Advancement, Innovation &Research** Vellore Institute of Technology, Chennai, Years of Exp: 21 years	6:00PM to 7:30PM **Session 5** Topic: **Smart Hospitals** Dr.M.Kavitha, Research Associate, **Indian Institute of Technology** Chennai, Tamil Nadu. Years of Exp: 12 years	6:00PM to 7:30PM **Session 7** Topic: **Security and Privacy in IoT Healthcare** Mr. Shanthababu Pandian **Director - Data and AI Rolan Software and Consulting Services Pvt Ltd,** London, England. United Kingdom. Years of Exp:20 years	6:00PM to 7:30PM **Session 9** Topic: **Case Studies of IoT Innovations** Mr. Deepan Raj M **Senior Technical Lead HCL Technologies Ltd.** Chennai, Tamil Nadu, India Years of Exp: 15 years	2:00PM to 3:30PM **Session 11** Topic: **Future Trends of IoT in Healthcare** Dr. Sainarayanan Gopalakrishnan, **Global Technology Director AI and Computer Vision, HCL Technologies** Ltd. Chennai, Tamil Nadu, India. Years of Exp: 25 years
6:30PM to 8:00PM **Session 1** Topic: **Introduction to IoT in Healthcare** Dr. Kavitha Ganesan, Professor, ECE, CEG Campus, **Anna University, Chennai,** Tamil Nadu Years of Exp: 23 years	7:30PM to 9:00PM **Session 4** Topic: **Telemedicine and IoT** Mr.V.Chandran, **Senior Data Scientist, MathCo, India,** Years of Exp: 14years	7:30PM to 9:00PM **Session 6** Topic: **Brain Signal Analysis Methods for IoT-Enabled BCI Application** Dr. Meenalosini Vimal Cruz Assistant Professor, **Georgia Southern University.** Port Wentworth, Georgia, United States, Years of Exp: 20 years	7:30PM to 9:00PM **Session 8** Topic: **Evaluation of IoT-Enabled hybrid model for genome sequence analysis of patients in healthcare 4.0** Dr. Hemalatha D **Professor-University of Technology and Applied Sciences,Ibri, Oman** Years of Exp: 18 years	7:30PM to 9:00PM **Session 10** Topic: **Chronic Diseases and Management** Dr.R.Gayathri, Professor, **Sri Venkateswara College of Engineering,** Sriperumbudur, 602117, Years of Exp:23 years	3:30PM to 5:00PM **Session 12** Topic: **Patient Engagement and IoT** Dr. Priyanka Kokil, Associate Professor, **IIITDM Kancheepuram, Tamil Nadu,** Years of Exp: 18 years
8:00PM to 9:30PM **Session 2** Topic: **Patient Monitoring Systems** (Voice Pathology Detection Systems) Dr. G Lakshmi Sutha, Dean, **National Institute of Technology Puducherry,** Karaikal 609609, Years of Exp: 20 years					5:00PM to 7:30PM **Session 13** Topic: **Ethics and future trends in IoT Healthcare** Dr.S.Vijayanand, Associate Professor, **Sri Venkateswara College of Engineering,** Sriperumbudur, Tamil Nadu, 602117, Years of Exp: 20years
					6:30PM to 7:30PM **Online test & feedback**
					7:30PM to 8:00PM **Valedictory Session**

Note: Registration, Course participation, certification for attending this FDP is completely **free of cost**.