

## **FACULTY PROFILE**



### **Dr. SAHAYA LENIN D. ME, Ph.D.**

Associate Professor,  
Department of ECE  
Hindustan Institute of Technology and Science  
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**Experience:** 22 years

**Research area:** Software Defined Radio, Digital Signal Processing, Digital Communication and Computer Networking

### **Recent Publications:**

Published a paper titled “Design and Implementation of optimized LDPC for SDR applications  
Journal: ITJEMAST, 2021, 12 (1)”

Published a paper titled” Power optimized detection of OFDM signal in low-cost RTL-SDR device  
Journal: Journal of Green Engineering, 2020, 10(11)

Published a paper titled ' Power optimization in OFDM Reception using RTL-SDR package' in  
International Journal of Advanced Science and Technology Vol. 29, No. 05, (2020), pp. 10372

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10387

Published a paper titled' A Novel Method for Indoor Navigation Using QR Codes in the  
International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.77

**MOOC Courses:** Completed 22 courses

**Awards:**IE(India) Coordinator of the year award in 2021

**Professional Membership:** IFERP and IETE