



MMT-GNU

GNU Radio-Based SDR Learning Platform for Hands-On Wireless Education

WHAT IS MMT-GNU?

MMT-GNU is an open, GNU Radio-based Software-Defined Radio (SDR) platform built for engineering classrooms and training labs. It turns wireless communication and signal-processing theory into hands-on, repeatable experiments using affordable SDR hardware instead of costly, proprietary lab equipment.

210

Hands-on
Experiments

2

Hardware Tiers
(Pluto & bladeRF MIMO)

100%

Open-Source
GNU Radio Core

BUILT FOR



Engineering Colleges

Equip wireless communications, signal processing, and RF labs with a curriculum-ready SDR platform.



Training Institutes & Resellers

Offer a ready-to-deploy SDR teaching solution bundled with hardware, content, and support.

KEY CAPABILITIES



Hands-On SDR Learning

210 structured experiments spanning RF fundamentals to advanced wireless protocols.



Open & Extensible

Built on GNU Radio — fully open-source, customizable, free from vendor lock-in.



Scalable Hardware

Start with a single Pluto SDR or scale to bladeRF MIMO for multi-antenna labs.



Classroom-Ready

Manuals, experiment guides, and certification pathways built for faculty and students.

Bring Real Software-Defined Radio Into Your Lab