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(71)Name of Applicant :

**1)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY**

Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. -----

**Name of Applicant : NA**

**Address of Applicant : NA**

(72)Name of Inventor :

**1)Dr. VINOD MANSIRAM KAPSE**

Address of Applicant :Department of Electronics and Communication Engineering, Noida Institute of Engineering & Technology, Greater Noida. Greater Noida -----

(57) Abstract :

The present invention discloses a wireless code deployment device (101) comprising a microcontroller (102), a wireless communication module (103), and a power source (104), designed for real-time classroom programming demonstrations. It enables instructors to transmit code snippets wirelessly to multiple student or display devices without requiring prior setup or installation. Supporting Wi-Fi Direct and BLE protocols, the device ensures low-latency, secure communication and interactive learning, with optional feedback integration for monitoring student engagement and instructional effectiveness during live demonstrations.

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