



## DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

### ACADEMIC ACTIVITIES – NOVEMBER 2022

#### Journals published:

**Roop Pahuja**, “Development of semi-automatic recalibration system and curve-fit models for smart soil moisture sensor”, Measurement, vol. 203, Nov 2022, pp 1-18.

Deepak Choudhary, **Roop Pahuja**, Two –Way Emergency Message Protocol in M-VANETS, The International Journal of Software Innovation, Vol. 10, no. 1, Nov 2022, 1-16.

#### Conferences published:

Sharma, Somya and **Pahuja, Dr. Roop**, “Estimating Drought Severity in Maharashtra using Standard Precipitation Index”, 2022 International Conference on Futuristic Technologies (INCOFT), 25th – 27th Nov.

#### Patents

**Dr. K. S. Nagla** is granted with Industrial Design Patent No: 364380-001 entitled salt dispenser.

#### Expert Lectures outside Institute

**Dr. K. S. Nagla** was Invited as a Chief Guest in Science Exhibition at Eklavya school Jalandhar on 19-11-2022.

#### Outreach Activities

**Dr. K. S. Nagla's** Robotics Lab was visited by fifty students of swami Sant Dass school on 26-11-2022.