**RDCR-2019**

on

**February 01-02, 2019**

Organized by

***Department of Chemistry***

**IIS University, Mansarovar, JAIPUR-302020**

RAJASTHAN

Title: **FACILE SYNTHESIS, CHARACTERIZATION AND EVALUATION OF BIOLOGICAL ACTVITY OF SOME N-SUBSTITUTED IMINES OF INDOLES**

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**ABSTRACT**

Indole derivatives are more attractive and important heterocyclic compounds which are highly bioactive and are precursors to many pharmaceuticals. The aim of this research article is to develop new efficient, facile and environmentally benign synthetic methodologies leading to the synthesis, characterization and biological activity evaluation of some novel derivatives of indole under microwave irradiation in moderate to excellent yields. The environmentally benign synthesized compounds were screened for microbial activity and were found to be more active in comparison with standard drugs.

**Keywords:** Indoles; Schiff bases; Microwave irradiation

**FOR POSTURE PRESENTATION**