

## COMMON FIXED POINT THEOREM OF OCCASIONALLY WEAKLY COMPATIBLE MAPPING IN INTUITIONISTIC FUZZY METRIC SPACE

PREETI MALVIYA<sup>1</sup>, VANDNA GUPTA<sup>2</sup> & V.H. BADSHAH<sup>3</sup>

<sup>1</sup> Government New Science College, Dewas, Madhya Pradesh, India

<sup>2</sup> Government Kalidas Girls College, Ujjain, Madhya Pradesh, India

<sup>3</sup>School of Studies in Mathematics, Vikram University, Ujjain, Madhya Pradesh, India

### ABSTRACT

In this paper, we prove common fixed point theorem in intuitionistic fuzzy metric space with the help of occasionally weakly compatible mapping.

**KEYWORDS:** Occasionally Weakly Compatible Mapping, Intuitionistic Fuzzy Metric Space, Weakly Compatible Mapping, Common Fixed Point