



# Indira Gandhi Delhi Technical University For Women

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Kashmere Gate, Delhi - 110006

## Summary Report on International Workshop on Fuzzy Logic Research Applications

An International Workshop on Fuzzy Logic Research Applications was organized by CSE Dept at IGDTUW, Delhi from 16th Sep to 20th Sep 2017. 60+ students attended this workshop. The theory of fuzzy logic is based on the notion of relative graded membership, as inspired by the processes of human perception and cognition. Fuzzy logic can deal with information arising from computational perception and cognition, that is, uncertain, imprecise, vague, partially true, or without sharp boundaries. During the workshop, Prof. Michio Sugeno, Japan (famous for Surgeon-Integrals) told about new computing methods based on fuzzy logic, development of intelligent systems for decision making, identification, pattern recognition, optimization, and control.



**Prof. Michio Sugeno, JAPAN (famous for Surgeon-Integrals) at the International Workshop on Fuzzy Logic Research Applications conducted by Dept. of CSE, from 16<sup>th</sup>Sep, to 20<sup>th</sup> Sep,2017.**

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