



PRAKASAM ENGINEERING COLLEGE

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Department of Electrical and Electronics Engineering

A Report of One Day Workshop on Nural Networks & Fuzzy logic (22-9-2014)

A workshop on "Nural Networks & Fuzzy logic organized by **M.Nageswara rao, Asst Prof - EEE Dept, JNUTK** was held from 22-9-2014 at PEC, where the students of Engineering and faculty were present. The main objective of the workshop **Nural Networks & Fuzzy logic** is The strength of neuro-fuzzy systems involves two contradictory requirements in fuzzy modeling: interpretability versus accuracy. In practice, one of the two properties prevails. The neuro-fuzzy in fuzzy modeling research field is divided into two areas: linguistic fuzzy modeling that is focused on interpretability, mainly the Mamdani model; and precise fuzzy modeling that is focused on accuracy, mainly the Takagi-Sugeno-Kang (TSK) model.. Was invited **M. Nageswara rao, Asst Prof - EEE Dept, JNUTK** by the institution as speaker for one day workshop.

The event started on 22-9-2014 with an overwhelmingly warm welcome address delivered by Dr.Ravikumar, followed by words of motivation by Dr.LAKSHMI NARAYANA, Principal of PEC, welcomed our resource person **M.Nageswara rao, Asst Prof** enriching association between us in the future. One of the students, sang a melodious rendition to invoke the blessings of the Goddess of Enlightenment. The audience were inspired by the motivating words of Dr. LAKSMINARAYANA followed by the interesting talk **M.Nageswara rao, Asst Prof**.

M.Nageswara rao, Asst Prof conducted the workshop with power point presentation. He discussed the importance about the simplicity and flexibility, can handle problems with imprecise and incomplete data, can model nonlinear functions of arbitrary complexity, cheaper to develop

cover a wider range of operating conditions, more readily customizable in natural language terms.

M.Nageswara rao, Asst Prof had interactive sessions with the students and describe the Significance or importance of **Nueral Networks & Fuzzy logic**. At the end of the programme, few students asked their doubts and gets clarify and explained how they were benefited. In the end **M.Nageswara rao, Asst Prof** was presented with token of appreciation by Principal Dr.LAKAMINARAYANA for the reference and support in organizing this workshop.