NALLA NARASIMHA REDDY
EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

INTEGRATED CAMPUS

Approved by AICTE, New Delhi. Affiliated to JNTU - Hyderabad. CAMPUS: Chowdariguda (V), Korremula X Road, Ghatkesar (M),
Ranga Reddy Dist - 500 088 Ph: +91- 8415-255777 Fax: 08415 - 255666 Email: admin@nnres.org

SCHOOL OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

GUEST LECTURE ON ARTIFICIAL NEURAL NETWORK IN WATER RESOURCES ENGINEERING on 30th August 2017

Department of Civil Engineering organised a Guest Lecture on "**Artificial Neural Networks in Water Resource Engineering**" for the students of II, III and IV Years Department of civil engineering on 30th Aug 2017. The speaker of the lecture was Dr. K. Srinivasa Raju , Professor. BITS PILANI, Hyderabad Campus .

Ms V.Anusha. Asst.Proff. of Civil Engineering Department given warm welcome to the session and invited Dr.G.S.Rao, Head of the Civil Engineering Department and Dr.K.Srinivas , BITS PILANI, on to the dias . Dr.G.S.Rao, Head of the Civil Engineering Department introduced the speaker and the topic of the lecture to the students.
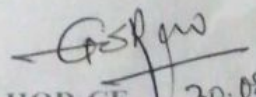
The Guest started a lecture on Artificial Neural Network in water resources engineering . He explained the purpose of Artificial Neural Network and the terminology. Guest has given an explanation on applications (Inputs & Outputs) of neural networks in Transportation Engineering. Geotechnical Engineering, water Resources Engineering etc., and he enlightened the advantages and Challenges.

Dr. K. Srinivasa Raju shown the examples through his presentation for neural networks in software known viz., PYTHID. In addition he focussed a few case studies on Artificial Neural Network in water resources engineering. At the end of the session, emphasized on the importance of GATE and the weightage of subjects in GATE.

Guest asked the queries to the students between the session in which students were actively participated by giving the answers.
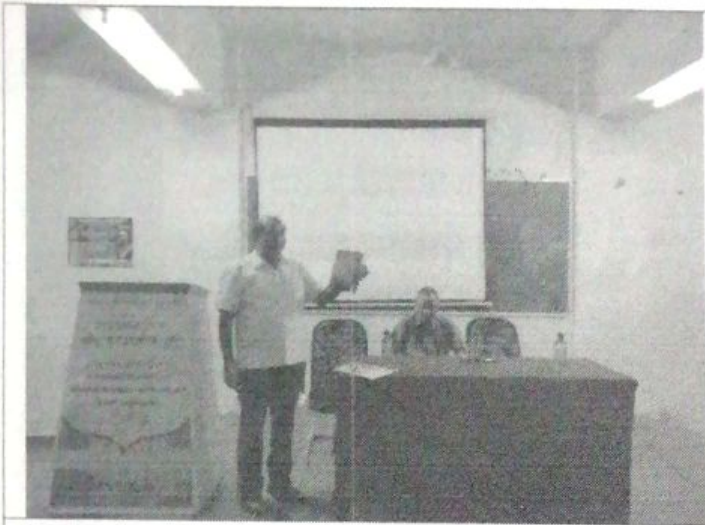
The overall topics in this session are introduction to the Artificial Neural Network in water resources engineering, simulation. Terminology of the Artificial Neural Network, training, learning rate, feed forward with back propagation, parameters, applications (input & output) in water resources engineering, advantages and challenges, case study, sensitivity analysis, sources and acknowledgements etc.,

Guest concluded the session by discussing subjects regarding GATE and career in GATE. Vote of thanks may given by Mr.S.Hemanth Sai, Asst.Proff. Department of Civil Engineering.
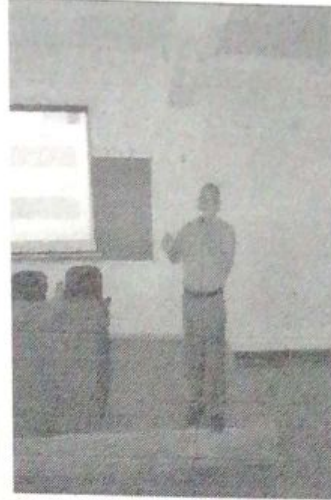
HOD-CE 30.08 2017

GUEST LECTURE ON ARTIFICIAL NEURAL NETWORK IN WATER RESOURCES ENGINEERING on 30th August 2017

HoD is introducing Dr K Srenivasa Raju, Professor, Dept of civil engg. BITS PILANI, Hyderabad campus on 30-08-2017

Dr K Srenivasa Raju, Professor, Dept of civil engg. BITS PILANI addressing the students of NNRG

Students of civil engineering in the seminar hall