REGISTRATION FORM

TEQIP - II Sponsored

Two Day Workshop on
Neural Networks' Approach for Speech Tasks

28th Feb & 1st Mar, 2014

Name: ....

Designation: ....

Qualification: ....Experience: ....

Address *(Office)*: ....
....**Phone No:** ....

E-Mail: ....

Category: ☐ Student   ☐ Research Scholar

            ☐ Faculty   ☐ Industry Professional

I agree to abide the Rules & Regulations of the workshop and I will attend the workshop for the entire duration

Place:

Date: Signature of the Applicant

Dr./Mr./Ms. .... is a student/ employee of our Institution/ Industry & is permitted and deputed to attend the workshop for the full term.

Place:

Date: Signature of the Head of the Dept/ Institution with Seal

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IMPORTANT DATES

Last Date to Register: 26th Febraury, 2014
Acceptance Notification: 27th Febraury, 2014

NOTE

● Limited Accommodation may be provided to outstation participants on shared basis.
● Participants have to bear the costs of Boarding and Lodging.
● Accommodation will be provided on First Come First Served basis.
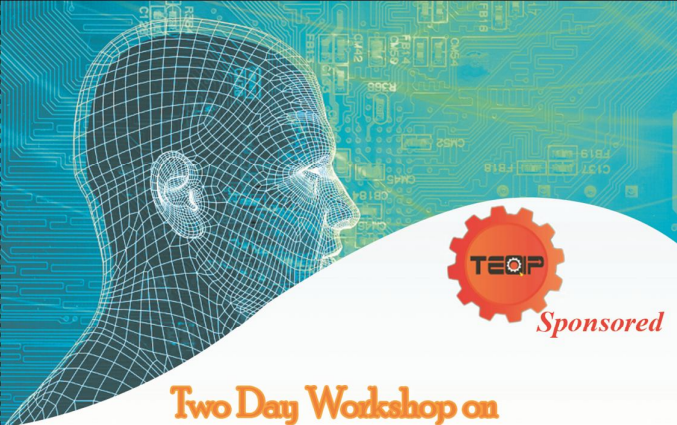● The number of participants is restricted to 60.

NO REGISTRATION FEE

Address for Correspondence:

Dr. Shashidhar G Koolagudi, *co-ordinator*

Department of Computer Science & Engineering
National Institute of Technology - Karnataka
Surathkal, P.O. SrinivasNagar,
Mangalore - 575 025.

E - Mail: urvishnu@gmail.com
Phone: +91 - 824 - 2473 413 (between 4 - 5 PM)

Venue: Seminar Room, 2nd Floor,
       Dept of CSE, NITK, Surathkal
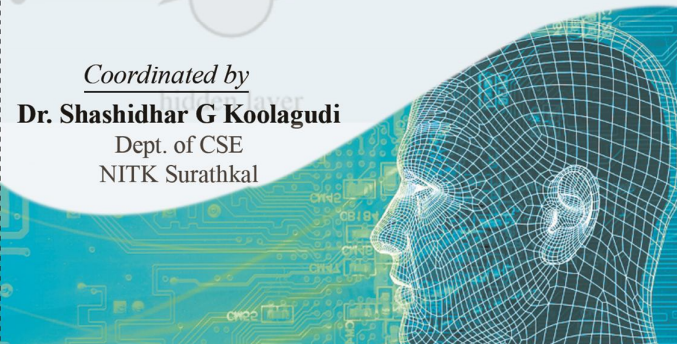

Two Day Workshop on
Neural Networks' Approach for Speech Tasks

TEQIP *Sponsored*

FEB 28 2014   **MAR 01 2014**

Organized by

Department of Computer Science & Engineering
National Institute of Technology Karnataka

Surathkal, P.O. SrinivasNagar
Mangalore - 575 025
Website: http://www.nitk.ac.in

Coordinated by

Dr. Shashidhar G Koolagudi
Dept. of CSE
NITK Surathkal

ABOUT NITK SURATHKAL

National Institute of Technology Karnataka, Surathkal has established itself as one of the top technological institutions in India & is declared as an Institute of National Importance under the NIT Act 2007. Since its inception in 1960 as the Karnataka Regional Engineering College (KREC), the institute is considered as a premier center engaged in imparting quality technological education and providing support to research and development activities. The institute has a long tradition of research for several decades in both traditional and modern areas of engineering and science

ABOUT CSE DEPARTMENT

Department of Computer Science and Engineering, established in the year 1986 has strong International reputation for its excellence in education and research. It has a rich history and an outstanding record of contributions to the ever growing field of Computer Science. The Deapartment offers degree programs for Bachelors, Masters and Doctorates. The department is a part of Electrical & Electronics Computer Systems division which has established a Center of Excellence for Wireless Sensor Networks. Department is also accredited by NBA. For more information on the Department of Computer Science and Engineering at National Institute of Technology Karnataka, Surathkal, please visit: http://cse.nitk.ac.in

ABOUT THE WORKSHOP

Different variations of Artificial Neural Networks (ANN) have gained popularity as the pattern classifiers in the recent years. Many researchers have used Neural Networks as the classifiers to perform different speech tasks. There are many evidence in the literature regarding essence and importance of Neural Networks (NN) for different speech tasks. Recent research studies and results have shown that Non-linear higher order relations among the speech feature vectors can be learnt well by the Neural Networks and they perform better in classifying speech patterns. In this scenario, introduction of the ANN to the researchers for performing various speech tasks would be helpful. This workshop contains a brief introduction about the NN Toolbox of MATLAB. One session also includes the use of Simulink for general Simulation Scenarios.

WORKSHOP OBJECTIVES

The Workshop aims at covering the following topics:

- Neural Networks as the pattern classifiers

- Neural Networks' approach for various Speech Tasks (Both Matlab and C-Implementations)

- SIMULINK

RESOURCE PERSONS

Dr. Rajarshi Mahapatra, working as a Technical Specialist at Rockwell Collins, received his Ph.D. from IIT Kharagpur, has Over 12 years of experience in telecommunication research and development which includes both industry and academia.

Dr. Krishnamoorthy. P working as a Scientist at Philips Research Asia-Bangalore, received his Ph.D. from IIT Guwahati.

Sudhamay Maity, working as Software Engineer for Yantra Software, Hyderabad. He received his MS. from IIT Kharagpur.

ELIGIBILITY

This workshop is open to UG & PG Students, Research Scholars, Faculty Members and Industry Professionals. Registration is based on First Come First Served basis.

LODGING & BOARDING

Lodging and boarding may be availed on request at NITK Guest House (if available) / Hostels/ Hotels on payment.

For more information please mail at:
praveenvelamala@gmail.com