G.H. RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT

BADNERA-AMRAVATI

Department of Electronics and Telecommunication Engineering

SHORT TERM TRAINING PROGRAMME (STTP)

"Emerging Trends In Artificial Neural Networks With MATLAB"

(26th November to 8th December 2012)

The Department of Electronics and Telecommunication Engineering, G. H. Raisoni College of Engineering and Management Badnera-Amravati has organized two weeks Short Term Training Program approved by Indian Society for Technical Education (ISTE) and IETE New Delhi, on **Emerging Trends In Artificial Neural Networks With MATLAB"** *from* **26th November to 8th December 2012.**

INAUGURATION

The STTP was inaugurated by Chief Guest of program Dr. B. N. Jajoo, Technical Advisor at HVPM's College of Engineering, Amravati, Prof. N. W. Kale and Prof. N. N. Kasat as a Guest of honour in the presence of Dr. P. V. Ingole, Principal, G. H. Raisoni College of Engineering and Management Badnera-Amravati. Convener of the program Prof. N.N. Mandaogade, Head, Department of Electronics & Telecommunication Engineering , Prof. S.J.Honade, Assistant Professor Department of Electronics & Telecommunication Engineering, Prof. S.V. Sakhare, Assistant Professor Department of Department of Electronics & Telecommunication Engineering,Prof. A. O. Vyas Assistant Professor Department of Department of Electronics & Telecommunication Engineering, G. H. Raisoni College of Engineering and Management Badnera-Amravati.

Coordinator

Prof. S.J. Honade   Prof. S. V. Sakhare   Prof. Ms.A.O Vyas

Honorable Guest on the Dais during Inaugural function for STTP 2012.

Chief Guest Dr. B. N. Jajoo, Technical Advisor H.V.P.M's C.O.E.T., Amravati. enlightening the Lamp.

Guest of Honor Dr. N. W. Kale, Ex-Council Member ISTE Amravati Centre enlightening the Lamp.

Guest of Honor Prof. N. N. Kasat, Secretary IETE Amravati Centre enlightening the Lamp.

Chief Guest Dr. B. N. Jajoo, Technical Advisor H.V.P.M's C.O.E.T., Amravati addressing the participants in the Inaugural function STTP 2012

Guest of Honor Dr. N. W. Kale, Ex-Council Member ISTE Amravati addressing the participants in the Inaugural function STTP 2012

Guest of Honor Prof. N. N. Kasat, Secretary IETE Amravati Centre addressing the participant in the Inaugural function STTP 2012

Honorable Principal, G.H.R.C.E.M. Badnera- Amravati Dr. P. V. Ingole addressing the participant in the Inaugural function STTP 2012

Honorable Principal, G.H.R.C.E.M, Badnera-Amravati, felicitating Chief Guest Dr. B. N. Jajoo in the Inaugural function STTP 2012

Honorable Vice- Principal, G.H.R.C.E.M, Badnera-Amravati, felicitating Guest of Honor Dr. N. W. Kale in the Inaugural function STTP 2012

Prof. S. J. Honade, felicitating Guest of Honor Prof. N. N. Kasat in the Inaugural function STTP 2012

TECHNICAL SESSION

There were sixty seven participants enrolled for the training program (list attached). The main objective of the program was to acquaint the participants with the Artificial Neural Network, Fuzzy Logic, Neuro-fuzzy system, MATLAB, Simulink, Applications of Neural Network with MATLAB.

The main resource person for the course Dr. P. V. Ingole, Principal, G. H. Raisoni College of Engineering and Management Badnera-Amravati.

Dr. M. Atique, Associate Professor, Department MCA, S.G.B.A.U, Amravati, guided the participants on Soft Computing Techniques" on 26th November 2012 and the session was completed with hands on practice.

Prof. P .M. Meshram, Associate Professor, Yashvantrao Chavhan College of Engineering , Nagpur, guided on Simulink, on 27th November 2012 and session completed with hands on practice.

Dr. P. V. Ingole, Principal, G. H. Raisoni College of Engineering and Management Badnera-Amravati, guided on "Digital Image Processing with MATLAB" on 28th November 2012 and session completed with hands on practice.

Dr. M.S.Ali, Principal P.R.M.C.E.A.M, Badnera, Amravati guided all the participants on "Fuzzy Logic Control" on 29th November 2012.

Dr. N. V. Thakur, Professor, P.R.M.C.E.A.M, Badnera, Amravati, delivered the lecture on "Introduction to Image and Video Processing" and its importance in research field on 30th November 2012.

Dr. P. V. Ingole, Principal, G. H. Raisoni College of Engineering and Management Badnera-Amravati, guided on "Applications of MATLAB to Image and Video Processing" on 1st December 2012 and session completed with hands on practice. After that Dr. S. V. Dudul, Head, Department of Applied Electronics, S. G. B. A. U., Amravati, guided the participant on "Introduction to Artificial Neural Networks" on the same day.

Dr. P. V. Ingole, Principal, G. H. Raisoni College of Engineering and Management Badnera-Amravati, guided the participants on "Application of Simulink" on 3rd December 2012. After that Prof. A. O. Vyas, Assistant Professor, Department of Electronics and Telecommunication,

G. H. Raisoni College of Engineering and Management Badnera-Amravati proceeds with Hands on practice on "Application of Simulink to Communication Engineering" on the same day.

Dr. Santosh Bothe, G. H. Raisoni College of Engineering, Pune guided the participants and conducted session on "Artificial Intelligence and Applications of Fuzzy Logic" on 05th and 6th December 2012 along with hands on practice.

Dr. S. V. Dudul, Head, Department of Applied Electronics, S. G. B. A. U., Amravati, conducted the session "Application of Neuro-Solution to Artificial Neural Networks" with very good hands on practice.

The organizing committee made it a point to invite not only eminent speakers from different institutes but also the research persons from various fields to serve the purpose. The detailed schedule is attached herewith.

Participants during the Lecture session in STTP 2012.

Dr. P.V. Ingole guiding the Participants during STTP 2012 session.

Dr. M. S. Ali guiding the Participants during STTP 2012 session.

Prof. P. M. Meshram, taking Hands on Practice during STTP-2012

STTP Proceedings

The course included several interactive sessions which quenched the thirst of all participants in matter of the recent advances in the field of "Emerging Trends in Artificial Neural Networks with MATLAB". The course included two or three hour's practical sessions daily on MATLAB. The DVD containing the course material was provided to all the participants to expand their skills in the field of Artificial Neural Networks. During the duration of the training program tea, break-fast and lunch was served to all the participants.

VALEDICTORY

Dr. P. V. Ingole falicitating Chief Guest Dr. M. S. Ali, during valedictory function for STTP 2012.

Dr. M. S. Ali , Principal, PRMCEM, Badnera-Amravati distributing Certificates to participants in valedictory function for STTP 2012.

Valedictory Function Date:8ᵗʰ December 2012

The Short Term Training program was concluded with the Valedictory Function in presence of Chairman by Dr. P. V. Ingole, Principal, G. H. Raisoni College of Engineering and Management Badnera-Amravati, Chief Guest Dr. M. S. Ali, Principal P.R.M.C.E.A.M, Badnera, Amravati, Guest of Honor Prof. N.N. Kasat, Secretary IETE, Amravati region and Associate Professor

Sipna's College of Engineering & Technology, Amravati and Dr. S. G. Akojwar, Professor, Rajiv Gandhi College of Technology & Research Chandrapur. Convener of the program Prof. N.N. Mandaogade, Head, Department of Electronics & Telecommunication Engineering , Prof. S.J.Honade, Assistant Professor Department of Electronics & Telecommunication Engineering, Prof. S.V. Sakhare, Assistant Professor Department of Department of Electronics & Telecommunication Engineering,Prof. A. O. Vyas   Assistant Professor Department of Department of Electronics & Telecommunication Engineering, G. H. Raisoni College of Engineering and Management Badnera-Amravati. The function was concluded with vote of thanks.