

**PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH  
BADNERA-AMRAVATI**

**Department of Computer Science & Engineering and Information Technology**

**SHORT TERM TRAINING PROGRAMME (STTP)**

**“Application of Open Source Software in Science & Technology - A New Paradigm”**

**(29<sup>th</sup> October to 8<sup>th</sup> November 2012)**

The Department of Computer Science & Engineering and Information Technology, Prof. Ram Meghe Institute Of Technology And Research Badnera-Amravati has organized two weeks Short Term Training Program approved by Indian Society for Technical Education (ISTE) and IETE New Delhi, on *“Application of Open Source Software in Science & Technology - A New Paradigm” from 29<sup>th</sup> October to 8<sup>th</sup> November 2012.*

**INAUGURATION**

The STTP was inaugurated by Chief Guest of program Dr. Avinash Kolhatkar, Principal of Jawaharlal Darda Institute of Engineering & Technology (JDIET), Yavatmal and by Dr. D.T.Ingole, Principal, Prof Ram Meghe Institute of Technology and Research, Badnera-Amravati. Mr. Krishnakant Mane, Principle Investigator & Chief System Architect, IIT Mumbai, as Guest of honour in the presence of ISTE Executive member Dr. S.V.Bansod, Department of Mechanical Engineering, Prof Ram Meghe Institute of Technology and Research Badnera-Amravati. Convener of the program Dr. G.R.Bamnote, Department of Computer Science & Engineering and Dr. A.S. Alvi, Department of Information Technology, Prof Ram Meghe Institute Of Technology And Research Badnera-Amravati. Coordinator of the program Prof. S.V.Dhopte, Associate Professor Department of Information Technology and Prof. S.R.Gupta, Assistant Professor Department of Computer Science & Engineering, Prof Ram Meghe Institute of Technology And Research Badnera-Amravati.

**Coordinator**

Prof. S.R.Gupta

Prof. S.V. Dhopte



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



Chief Guest Dr. Avinash Kolhatkar, Principal JDIET Yavatmal enlightening the Lamp.



Chief Guest addressing the participants in the Inaugural function STTP 2012



Honorable Principal, P.R.M.I.T & R, Badnera addressing the participants in the Inaugural function STTP 2012

Honorable Principal, P.R.M.I.T & R, Badnera-Amravati, felicitating Guest of honour Mr. K. Mane in the Inaugural function STTP 2012



**Inauguration Function Date: 29<sup>th</sup> October 2012.**

## TECHNICAL SESSION

There were fifty four participants enrolled for the training program (list attached). The main objective of the program was to acquaint the participants with the Linux Operating System, Free Open Source tools, Word Press, Open Source tools and Teaching methodology, Open Source tool for N/W Simulation, Latex, Scilab, GIMP, Open Source CAD, Blender.

The main resource person and also the guest of honour for the course Mr. Krishnakant Mane, Principle Investigator & Chief System Architect, IIT Mumbai. He is an accessibility expert and a free software adviser, working as a consultant to many government and large commercial enterprises. Specialized in free software based projects including policy making and migration to FOSS, He is actively involved on many government projects aimed at designing policies for education and distributed IT training. Mr. Krishnakant mane is blind lacking visual perception in spite of this he guided all the participants on the topic Linux, why to use Linux, its advantages and installation with various other related topics on free open source software on 29<sup>th</sup> and 30<sup>th</sup> October 2012 along with hands on practice with the help of Mrs. Mane who was helping him throughout the session.

Dr. M. Atique, Associate Professor, Department MCA, S.G.B.A.U, Amravati, guided the participants on Open Source tool “Drupal” on 30<sup>th</sup> October and the session was completed with hands on practice.

Prof. D.M. Dhakane, Associate Professor, Sipna’s College of Engineering & Technology, guided on Red-Hat Linux Operating systems with its internal details and command line operations in Linux, on 31<sup>st</sup> October and session completed with hands on practice.

Mr. Yugandar Tikhe, Director Think Code Technologies Ltd. Amravati, explored the open source tool “Word Press” with all details on 01<sup>st</sup> November 2012.

Dr. M.S.Ali, Principal P.R.M.C.E.A.M, Badnera, Amravati guided all the participants on “Open Source and Teaching Methodology” on 02<sup>nd</sup> November 2012. After that Dr. V.M.Thakare Professor and Head of Department of Computer Science, S.G.B.A.U, Amravati, delivered the lecture on Open Source Tool and Network simulation also highlighted the importance of Network Simulator importance in research field on same day.

Prof. S.S.Shitole, Associate Professor S.N.D.T College, Mumbai conducted the session on “LATEX” on 03<sup>rd</sup> November 2012 with very interesting session of hands on practice session.

Prof. A.P.Bhagat Assistant Professor, Department of Computer Science & Engineering P.R.M.C.E.A.M, Badnera-Amravati and Prof. A.V.Daryapurkar Assistant Professor Department of Computer Science & Engineering P.R.M.I.T&R, Badnera-Amravati introduced the participants with “SCILAB” a scientific computing tool on 05<sup>th</sup> November 2012.

Dr. D.S.Ingole Professor & Head, Department of Mechanical Engineering, P.R.M.I.T&R, Badnera-Amravati guided the participants and conducted session on “Open Source CAD” on 07<sup>th</sup> November 2012 along with hands on practice.

Mr. Shrikant Pande Director Seed Infotech, Amravati Region introduced participants with Open Source tool “GIMP” on 06<sup>th</sup> November 2012 and “Blender” Open Source tool on 08<sup>th</sup> November 2012 with very good hands on practice.

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



Participants in Hands on practice session during STTP 2012.



Mr. and Mrs. K.Mane guiding the Participants during STTP 2012 session.



Participants during the Lecture session in STTP 2012.



Mr. Krishnakant Mane addressing the press conference in 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 “Application of Open Source Software in Science & Technology”. The course included two or three hours practical sessions daily on the Linux Operating System.

The DVD containing the course material was provided to all the participants to expand their skills in the field of Open Source Technology. During the duration of the training program tea, break-fast and lunch was served to all the participants.



## VALEDICTORY



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



Prof.S.V.Dhopte Coordinator giving speech during valedictory function for STTP 2012.



Prof.N.N.Kasat IETE Secretary, Amravati region addressing participants in valedictory function for STTP 2012.



Prof.N.N.Kasat IETE Secretary, Amravati region distributing Certificates to participants in valedictory function for STTP 2012.

### Valedictory Function Date:8<sup>th</sup> November 2012

The Short Term Training program was concluded with the Valedictory Function in presence of Chairman by Dr. D. T. Ingole, Principal, Prof Ram Meghe Institute of Technology and Research Badnera-Amravati, Chief Guest N.N. Kasat, Secretary IETE, Amravati region and Associate Professor Sipna's College of Engineering & Technology, Amravati. Convener of the program Dr. A.S.Alvi, Department of Information Technology and Dr. G.R.Bamnote, Department of Computer Science & Engineering, Prof Ram Meghe Institute Of Technology and Research Badnera-Amravati. Coordinator of the program Prof. S.V.Dhopte, Associate Professor Department of Information Technology and Prof. S.R.Gupta, Assistant Professor Department of Computer Science & Engineering, Prof Ram Meghe Institute of Technology and Research Badnera-Amravati. The function was concluded with vote of thanks.