

Report on Training Programme
on
***“Advances in Biomass Gasification Technology for State
Nodal Agencies”***

A training program was organized by ABETS, CGPL, IISc for the State Nodal Agencies. Invitations were sent well in advance to 34 Nodal agencies that are responsible for dissemination of MNES program in the country. Amongst these, participants from 10 Nodal agencies attended the training program from 7 – 9th August 2006 at CGPL. There were a total of 14 participants to whom local hospitality during training was provided.

The training program began at 9:30 AM on Monday, 7/8/06 with welcome and introduction by Prof. P. J. Paul. Next, Dr. G. Sridhar appraised the course details to the participants. The participants introduced themselves and briefly stated the activities of their respective Nodal Agency. Later topics relating to overview of gasifier technology advances in electrical and thermal gasification technology and biomass assessment were presented by Prof. P. J. Paul, Dr. G. Sridhar, Mr. H.V. Sridhar and Dr. N. K. S. Rajan respectively. Working of gasifier and other biomass devices in the laboratory were demonstrated to the participants.

The same night the participants departed to Coimbatore for a field visit to M/S Arashi Hi-Tech Biopower Ltd at Sultanpet. On 8/8/06, the participants witnessed the gasifier operations at the site. The working of the plant and up to date information was provided by Mr. Chandramohan from the sister company. Prof. Paul from CGPL was also available for any technical clarifications.

The last day presentations were mostly oriented on field performances. Mr. Adhavan of M/S Aruna electrical works, Villupuram made presentation on their experience with village electrification. Mr. Chandramohan of M/S Arrya Hi-tech Bio-energy Pvt. Ltd shared his experience with gasifiers for power generation and their other projects. Mr. Amar Kumar of M/S Bioresidues Energy Technology Pvt. Ltd made a presentation on field performance of thermal gasifiers. The opportunities of by-products from biomass gasification like activated carbon and precipitated silica was also presented by Mr. D.N. Subbukrishna. In the post lunch session, the participants shared their experience in program implementation with the lab members including Prof. H.S. Mukunda who was invited to grace the occasion. The training ended with certificate distribution and vote of thanks from Prof. P. J. Paul.



Group Photo in front of the Laboratory



Prof. Paul addressing the Participants



Dr. Rajan making a Presentation



Dr. G. Sridhar making a Presentation



Participants witnessing the Gasifier Operation in the Laboratory



Producer Gas engine explanation



Field Visit at M/s Arashi



Control Room of Arashi