

### **Symposium on “Bamboo – Emerging Source of Energy for Industries held in VNIT”**

A TEQIP –III sponsored symposium on “Bamboo – Emerging Source of Energy for Industries” was organized on 10<sup>th</sup> January by Department of Mechanical Engineering, VNIT Nagpur in association with Bamboo Society of India, Maharashtra Chapter and Vidarbha Industries Association. The program was inaugurated by lighting a lamp and Dr. Bhushan Kumar Upadhyay, Police Commissioner, Nagpur City, was the Chief Guest for this program. It was presided over by Mr. Vishram Jamdar, Chairman, BoG VNIT. On this occasion, Dr. Upadhyay highlighted the traditional usage of bamboo and its scope for employment generation in prisons. Mr. Jamdar assured his support for Bamboo related research activities in the Institute. Prof. P. M. Padole, Director VNIT stated that this program was a first step towards establishing a Center of Excellence on Bamboo Technology in VNIT. Prof. Ashit Sinha, Member of VIA was also present on the occasion. The inauguration program was concluded with a vote of thanks proposed by Ar. Sunil Joshi and it was anchored by Dr. Atul Andhare.

During this symposium following speakers delivered talks on various topics as follows.

Dr. N. Barathi, Director, Growmore Biotech, Hosur, Tamilnadu presented his experiences on “Energy plantation based on bamboo for Renewable Energy”

Dr. Laxmi Narasimhan, Technology Leader IH<sup>2</sup> Technology, Shell India Markets Pvt. Ltd., Bengaluru discussed “IH<sup>2</sup> Technology to convert Waste Biomass to Valuable Drop-in Hydrocarbon Fuels”.

Mr. Santosh Jondhalekar, Managing Director, Gangotree Eco Technologies Pvt. Ltd. Pune shared his knowledge about conversion of Biomass to various types of fuels and experience of setting up Bio-CNG filling station at Pune.

Mr. Gaurav Patel, Manager Business Development, Ankur Scientific Energy Technologies Pvt. Ltd. Vadodara, discussed about Gasifiers for Power and Thermal Applications developed by the company.

The program was attended by more than hundred delegates and was coordinated by Dr. Atul Andhare, Dr. Prasad Kane and Ar. Sunil Joshi.



*Dr. Bhushan Kumar Upadhyay, CP Nagpur addressing the gathering in the Bamboo symposium at VNIT*



*Mr. Vishram Jamdar, Chairman BoG addressing the audience*



*Prof. P. M. Padole, Director VNIT addressing during the Bamboo symposium*



*Audience during the Bamboo symposium at VNIT*



*Prof. Padole, Director VNIT, Mr. Vishram Jamdar, Chairman BoG, Dr. B K Upadhyay, CP Nagpur and Mr. Sunil Joshi, Chairman Bamboo Society of India, Maharashtra Chapter, sitting on the dais*



*Dr. N. Barathi, Director, Growmore Biotech Ltd. delivering a talk*



*Dr. Laxmi Narasiimhan, Shell India Markets Pvt. Ltd. delivering his speech*



*Mr. Santosh Jondhalekar, Gangotree Eco Technologies, Pune sharing his experiences*



*Mr. Gaurav Patel, Ankur Scientific Energy Technologies, Vadodara, explaining a point to the audience*



*Interaction of Dr. Andhare with delegates*



*Prof. P. M. Padole, Director presenting a memento to Dr. Barathi*



*Prof. P. M. Padole, Director presenting a memento to Dr. Narasimhan*



*Prof. P. M. Padole, Director presenting a memento Mr. Gaurav Patel*



*Interaction of Mr. Jondhalekar with delegates*