



GUJARAT TECHNOLOGICAL UNIVERSITY



Ref. : GTU/ envt.meeting /2010/206

Date : 18/1/2011

Minutes of the Meeting on BOARD OF ENVIRONMENT AND GREEN TECHNOLOGY

Date: December 22, 2010

Venue: GTU Conference hall

Time: 2:00-5:30 p.m.

The Following Attended the Meeting

Dr. Akshai Aggrawal	Vice chancellor
Wg. Cdr C.G.Pandya	Hon. Director Of "Environment And Green Technology Board"
Dr. N.S.Varandani	L.D.Engg.
Bharat Jain	Gujarat Cleaner Production Center
Dr. Vithal Kamat	ICCT Engg. College
Prof. H.V.Bhavnani	Piet, Waghodia, Vadodara
Deepak Kantawala	Consulting Engineer
Dr.(Prof) R.N.Shukla	L.D.Engg.
Pro Akshey	Principa; KITRC Kadi
Pro(Dr) M.D.Desai	Kalol Inst Of Tech & Research
Dr. K.N.Sheth	Sataswati Indt. Of Engg
Mr.Gaurav H.Tandon	Sataswati Indt. Of Engg
Mrs.Shefali M.Shah	Sardar Vallabhbhai Patel Inst Of Technology
Mrs.Rozina Suranui	N.S.I.T Jetalpul
Mr.Shakil Malik	N.S.I.T Jetalpul
Prof. Sandip Shah	G.I.T.S, Moyad
Niki S.Gopani	Narnarayan Shastri Institute Of Technology
Vaibhavi S. Purani	L.D.Engg.

Winners of : ICT Enabled University Award E-India - 2009 ♦ Manthan Award - 2009

Darshna T.Bhatti	VVP Engg.College
Ridhdhi Oarekh	Abellon Clean Energy
Beena Hiremath	Abellon Clean Energy
Aishanee Shah	VGEC
P.A.Nair	Saridary Gurd (GCA)
Prof(Dr)I.N.Trivedi	Porbandar
Prof C.G.Bhagchandani	
Prof J.H.Patel	BVM College
Shrenik Marchant (GCA)	Vasa pharmacy
Prf Dr.K.M.Srivastava	IITE
Dr.S.B.Sharma	IITE
Ms.H.S.Syed	L.D.Engg.
Dr.N.S.Varandani	L.D.Engg.
Dr.Uday N.Trivedi	Vishwakarma

The following could not attend the meeting.

Mr.Ahok Modi	Torrent Power
Mr. Vagmin Buch	GEDA
Mr Jaimin Vasa	Vasa pharmacy
Dr. P.A.Joshi	D.D.N.I.T.
Dr. M.S.Rao	BVM college
Prof. A.R.Shah	M.S. University
Prof. Mistry	S.V.N.I.T
Mr.Sailesh Patwary	Naroda Environment control Board

1) Welcome Address :

Hon. Vice Chancellor Dr. Akshai Aggarwal welcomed the participant and thanked them for their support. He was keen to ensure full co- ordination of all research activities within the GTU 's post graduate studies were poised for growth, he said. He also said that it was important that GTU Board on Environment and Green Technology takes up those challenges and co-ordinates these activities and post the information on the net.

2) Wing commodore C.G. Pandya:

Hon. Director of the board presented a brief concept paper highlighting the technological advances in clean and green energy. New development strategies and standards in these new areas were required to be evolved, he said. Gujarat has an excellent resource in the areas of renewable energy and that it would be appropriate to take up R & D activities for our post graduate students to take up these challenges, he also said that there was a need to take up environment, health and safety in industrial set ups in Gujarat.

3) Dr.S.B.Sharma:

Director, Indus institute of technology want on high quality education program for PG diploma course in non conventional energy sources with projects to students in the areas of environment and green energy.

4) Dr. Srivastav :

Indus institute of technology made a presentation on viable alternative approaches from the areas of biomass gasification especially at the village level activity.

5) Prof. J.H.Patel :

BVM colleges, gave information about the contribution that BVM campus is making towards the education in environmental areas and the renewable energy fields.

6) Ms. Darshna Bhath:

VVP college Rajkot, said that it had been taking up environmental auditing programmes in their department at the college. The environment cell is working from 2001 onwards, she said, and that instruments and laboratory for the same are also available with them. Some work with the industry was also being taken up at the college she said. She wanted to modify the syllabus in engineering disciplines to include environmental areas and green technology.

7) Prof. Sandip Prajapati:

He was keen on Photo – Voltaic developments and related education in the area.

8) Dr. Vithal Kamath:

Principal of ICCT said that the projects in these technologies should be made bankable.

9) Dr. M.S.Desai:

talked about Impact of renewable energy on electrical grid network.

10) Dr.Akshay Bhargav:

Mentioned that there was a need to identify potential of waste products and convert the same to other useful area. Other subjects he highlighted include environment mapping, urban Planning (including zoning) co2 Reduction etc.

11) Dr. Bharat Jain:

Of Gujarat Cleaner Production Center said that there was a need for R&D in the environmental improvement. He also said that there was a need to have closer association between the industry and the academics.

12) Shrenik Marchant:

Secretary general of Vasa Farma Ltd. Wanted help from Government to develop these areas.

13) Ms. Beena Heremath:

Aballon Green Energy focussed on bio-energy for a country like ours. She gave a brief idea about work done in bio-energy. Other points related bio power generation and social forestry. She looked forward to working with academic institutions in these areas.

14) Mr. Deepal Katawala:

Consulting engineer said that there was a need to develop environment and energy action plans. Data from industries and rivers require be analysing and monitoring on a sustained basis, he said. Research areas will have to be taken up to bring about the physical, mental and social well being of people, he said.

15) Prof. Bhavanani:

PIET waghodia, said that while a lot of work was being done, most of it was being done in isolation. Proper documentation and publication in research work was needed as a part of GTU journal so that researchers work can be percolated through information to all concerned.

16) During open discussion session,

Dr. K.N.Sheth wanted more contacts with industries. Prof. shukla mentioned about greater facilities like libraries. He also said that it would be better to have more sub- groups in the focussed areas. Dr.Bhavanani thought of PG Diploma in environmental sciences/ environmental engineering and project work in environmental mapping.

17) After our open discussion by all, four topics were identified on focus areas. These were (A) Recycling And Reuse Of Water (B) Urban Air Quality (C) Renewable Energy And (D) Cleaner Production Systems (Pollution Prevention At Source)

18) Hon. Vice Chancellor Dr. Akshai Aggrawal finally thanked all participants for their continued help and the meeting came to a close.