



GUJARAT TECHNOLOGICAL UNIVERSITY
GTU RURAL PROGRAMMEs

GTU: The University with the largest RURBAN program

Report on one day seminar: "Role of GTU for Nation Building through Sustainable Village Development: Issues and Strategies"

A seminar on 'Role of GTU for Nation Building through Sustainable Village Development: Issues & Strategies' was organised at GTU Chandkheda campus on 6th March, 2016, Sunday.

The Dignitaries on the Dias

The Chief Guest of this program was **Mr. C. Rajashekhar, Director General of ICCR**. Hon'ble vice chancellor, Dr. Akshai Aggarwal, GTU, Dr. J. C. Lilani, I/C Registrar & COE- GTU, Prof. (Dr.) Indrajit Patel, Hon'ble Director – Vishwakarma Yojana had graced the event with their presence on the dias.



Mrs. Aggarwal, Deans, Deputy Directors, Project coordinator, OSDs, 222 Students & 68 Faculties had participated in this Seminar.



Inaugural Session

Dr. Parul Bhati welcomed all on behalf of Gujarat Technological University. All dignitaries on the Dias & off the Dias had joined for lightning of the lamp as per our Indian tradition. Floral welcome was done by Mrs. Agrawal for all the dignitaries.



Dr. J.C.Lilani, Registrar (I/C), GTU welcomed all and thanked all the students and officers who were involved in the different projects under the GTU Rural program. He also described the major Achievements of GTU.





Hon'ble VC Dr. Akshai delivered key note speech and he said that at a time when the Government of Gujarat has announced to create 400 smart villages, Gujarat Technological University (GTU) must integrate its RURBAN activities in all the districts of Gujarat under the four large projects, so that all those, working on one project, can learn from the good practices of the others.

The four projects are as follows:

1. Vishwakarma & RIDP,
2. 500 colleges- 500 villages,
3. Study and research on Model villages and
4. The large NSS program.

This year, students of 111 colleges visited 646 villages under the 500 colleges- 500 villages program. In the Seminar, Dr. Aggarwal gave two Mantras: The first is of becoming **Atmasat** with villagers to identify their challenges and to take pleasure in their successes. The second is to have **Samvedna** with them and to try to solve the problems scientifically.

He thanked all the project heads and their teams for doing good work for village development. He also suggested and directed the four teams to learn from one another and to work as a team.

Mr. C. Rajashekhar, Director General of ICCR said that Japanese are believing in perfection. India has done very well progress in Rocket programme. ICCR is planning to increase permission to number of foreign students. It will be increased from 10,000 to 50,000. There are 600 foreign students studying in Gujarat, out of which 289 students have been permitted to study in GTU colleges. GTU is truly an international university, where perfect application is coming from head and heart of students. GTU's rural programmes are really helpful in the social cause.



All the project heads felicitated by the GTU for their contribution in the respective project.



Plenary sessions

Four plenary sessions were conducted during a day.

Plenary session I : Vishwakarma Yojana & RIDP

Plenary session I was about Vishwakarma Yojana & RIDP Which was presented by Prof. (Dr.) Indrajit Patel, Ms Jagruti Shah. This project would provide “Design to Delivery” solution for development of villages in ‘Rurban’ areas. The developmental work in villages that could be undertaken as per the need of the village in particular includes Physical infrastructure facilities (Water, Drainage, Road, Electricity, Solid waste Management, Storm Water Network, Telecommunication & Other), Social infrastructure facilities (Education,





Health, Community Hall, Library, Recreation Facilities & other) and renewable energy (Rain water harvesting, Biogas plant, Solar Street lights & Other) for Sustainable development. It is proposed to frame “Vishwakarma Yojana” to provide the benefit of real world experience to engineering students and simultaneously apply their technical knowledge in the development of infrastructure in Villages. The Project successfully completed Phase-I with 68 villages and Phase II with 187 villages during 2012-13 & 2013-14 respectively Success of phase I& II has led GTU to

include 232 Villages in Phase III during 2015-16. More explanation for the work done under this project was presented through Case studies. Prof. P. M. Shah, Nodal Officer, GP- Godhara, Prof. Kinnari Shah & prof. Niti Desai Nodal officer from GEC Godhara have presented case study and shown the work done since the project inception. Students from Sal engineering College has shared their experience of working under this project.

Plenary session II: GTU NSS

Plenary session II was about GTU NSS. This Program started in year 2012-13 in GTU with only 2000 volunteers and in year 2014-15 Government of Gujarat has sanctioned 11000 NSS volunteers vacancies to Gujarat technological University, in year 2015-16 total 9500 volunteers have been joined NSS GTU from various institutions of Gujarat state . Case studies were discussed about NSS by Dr. C. S. Sanghvi & Mr. Madish Parikh.



Plenary session III: Pilot study on Model villages



Plenary session III was about Pilot study on model villages. Gujarat Technological University has also initiated a pilot study of model villages located in Gujarat. The main aim of this study is to find out the parameters of a model village; to develop a case study on model villages of Gujarat showcasing their achievements and to set examples for the other

developing villages which are still developing to become a model village. Case studies of Model Villages were presented by Dr. Trupti Almoula, Ms Jagruti Shah & Ms Aditi. They have presented the analysis and outcome of the various model village visit and suggested major findings from the study.

Plenary session IV: 500 Colleges-500 Villages Reporting through Bridge Course

Plenary session IV was about 500 Colleges-500 Villages Reporting through Bridge Course. The Bridge Course is aimed to act as a welcome for the incoming students of the first year degree engineering, with an objective to provide adequate time for the transition to hard-core engineering courses. This course is design for four weeks under specific structure. During this interaction of four weeks with the faculty and their classmates, the students have been equipped with the knowledge and the confidence needed to take on bigger challenges as future engineers of this country.

In the Academic Year 2015-16, the structure of the Bridge Course has been covered under four major heads. Those are Village Visit (5 days), Learning Engineering (7 days), History of Science and Technology (5 days), and Life Skills 5 days). Under these heads, the Engineering Students are explored to the learning through varied activities like Making his home at Village, Learning Engineering-Bloom's taxonomy, Technical Disaster and Innovation, Importance of yoga in life, etc. Cases study about 500 Colleges- 500 Villages Reporting Through Bridge Course were discussed by Dr. Siddharth Jadeja & Team.

In the valedictory function, the nodal officers and students of MNEREGA were felicitated with certificates for their hardwork. Dr. Indrajit Patel delivered vote of thanks. Prof. He thanked chief guest for his words and gracious presence on the occasion. He expressed his gratitude and sincere thanks to Dr. Akshai Aggarwal, Hon'ble Vice Chancellor for his motivation and valuable support to all the four projects. He thanked Dr. J C Lilani Registrar for his timely support. He thanked all eminent speakers, Students, Nodal Officers, Team of GTU for making the seminar a great success. He acknowledged all the nodal officers and students for their support and requested them to continue in the same manner for contribution through village development.



Outcome of the seminar is that entire fraternity of Faculty Members, students and all affiliated GTU institutions became aware of good practices, being followed in different districts under the four projects for RURBAN work by GTU. GTU is playing a vital role in all areas like infrastructure, social, cultural & economic development of the villages in Gujarat state. GTU can set an example for the other universities and educational institutions for making their learning processes more relevant and to create a feeling for nation building among the GTU community.

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