

Gujarat Technological University

Ahmedabad, Gujarat

Vishwakarma Yojna

Rationale: Gujarat Technological University is allotted important and prestigious project of Vishwakarma Yojna by the Government of Gujarat for the year 2012-13. The first phase project is aimed to study the present status and techno-economic survey of 85 villages in 25 District of the state in terms of basic and public amenities, essential commodities, other infrastructural facilities for the need of people and to prepare report on adequacy of the available resource with reference to population of the village and growth of the area. With consultation of Local revenue authorities, TDO and DDO the future need of the village keeping to mind the need of days, future targeted population growth, growth of surrounding town or taluka places etc. a projected development plan of the village ready to execute is required to be prepared under this project as targeted outcome at end.

For this work Nodal Institutions have been identified from Government Engineering College and Diploma Engineering institutions. Each proposed district will be taken up by nodal institute team comprising of Nodal officer and group of student. Student group will be 2-3 degree+2-3 diploma and one MBA student from Government Engg. College and polytechnic. Nodal institutes and students are finalized by office of DoTE along with group of student participating in this mission.

Objective: The project is aimed to prepare a complete roadmap of Rurban Development of that village with detailed project report ready to execute.

Report of the First Meeting:

The first meeting of implementation committee of Vishwakarma Yojna with Nodal officer of the project was held on 19th August 2012 at 2.00pm at the conference room of GTU Ahmedabad. The meeting was chaired by Dr Akshai Aggarwal, Honourable Vice Chancellor GTU.

Dr. Gitesh Joshi, Registrar, GTU and Prof. Indrajit N Patel, BBIT, V V Nagar and 14 Nodal officers from different institutions attended the meeting.

At the outset Dr. Gitesh Joshi Registrar, GTU welcomed all the members and nodal officers of various colleges. Thereafter Hon'ble Vice-Chancellor Dr. Akshai Aggrawal informed that Gujarat Technological University is allotted important and prestigious project of Vishwakarma Yojna by the Government of Gujarat for the year 2012-13. We have to begin the project by studying the present status and techno-economic survey of 85 villages in different districts of the state in terms of basic and public amenities, other infrastructural facilities for the need of people and to prepare a report on the expected socio-economic growth of the area. With consultation of the local revenue authorities, TDO and DDO, the leaders like the Sarpanch, the needs of the village are to be determined keeping in mind the population growth, growth of surrounding town or taluka places etc. He said that the objective of the project is to prepare a complete roadmap of Rurban Development of the targeted villages. For each of the villages, a development plan, which is ready to execute, is required to be prepared under this project.

The work done by a Final Year student under the project will be considered to be the Final Year project of the student and will be evaluated according to the standard processes of the University.

For this mission, Nodal Institutions and the first set of students have been identified from Government Engineering College and polytechnics by the office of the Commissionerate of Technical Education (DTE). Each proposed district will be taken up by nodal institute team comprising of Nodal officer and a group of students. The student group will be 2-3 degree+2-3 diploma students from Engg. Colleges and polytechnics and at least one MBA student.

After introductory remarks, the nodal officers discussed issues, related to the actual field work, coordination with GTU, revenue authorities and student group as well.

Prof. Indrajit Patel had taken up the assignment of briefing all the members about the protocol/guideline for framing the modalities of VISHWAKARMA YOJNA. He explained the process and end product desired for this project. The project can be divided in to three parts..

- a. Techno-Economic Survey of village
- b. Development document preparation (Plan and estimate of proposed development)
- c. Detailed Project Report (DPR preparation.)

(a)Survey: Visit of concern village, meeting local authority, TDO/ DDO office for accessing present facilities and to study data from last census detail for socio economic survey of village. The collected data to be filled in standard formatted provided by GTU by all the nodal officers. The process is conveyed by Hon. Vice Chancellor to all the present nodal officer with one by one interaction with the assigned scope of district and village.

Concerned Engineering and Polytechnic institution will work in cohesion by assigning the project collectively to group of students from both institutes. If needed the adjustment of students may be done in consultation with GTU and DTE office. The work is to be carried out under guidance and supervision of respective nodal officers.

It is resolved that the task needs to be completed by 31st August 2012 and report in prescribed format is to be forwarded to officer in-charge Vishwakarma project rurban@gtu.edu.in and copy to inpatel34@gmail.com coordinator of the project for GTU. 2nd September is deadline for submission.

(b)Development document preparation: Based on data received a common matrix will be prepared district wise by the nodal officer responsible for that area. Classification will be made based on population, projected growth of the area and location of the village in consultation with local authorities.

Modular design of different units proposed like school ,hospital etc. to be done by a group of Architecture students centrally identified by GTU.

Detail survey of water and waste water services, road lay out etc and service of such services to be prepared by student group in consultation with GSWSB or professionals as availability.

Detailed working drawings of all additional facilities and estimate to be prepared by concerned student groups with consideration of all technical aspects for execution on latter stage of the project.

(c)Detailed Project Report (DPR)

Under guidance of professionals and supervision of nodal officers Detailed Project Report of Project is to be prepared for each village separately. MBA student and faculties

may assist for report preparation. This will be a document providing all the information for implementation of the project.

Prof Indrajit Patel proposed to nodal officers to identify the training need of the student in the area of Survey, CAD and Estimation software, Project Management software and DPR preparation.

It is also proposed to take visit of **Model Village** in respective district as part of survey by Nodal officer and respective group of students. Indrajit Patel advised that all nodal officers should visit nearby Architecture school/college to have more idea about the planning of the project.

It is felt that a strong administrative support needs to be established for routine coordination and administrative issues centrally at GTU office. For that it is resolved to appoint/designate a person who will work as a Coordinator-Vishwakarma Yojna.

Notification regarding reimbursement for local travel and expenditure towards the work will be made by GTU in consultation with Government of Gujarat and detail of honorarium to the concerned students will be declared in due course of time. Interim arrangement will be made by GTU for payment of expenses towards village visit and survey as per Government norms towards this project budget.

The project will be Consider as IDP-UDP for the respective student identified for this project. Students will change their problem definition if already submitted. At the end of Preliminary survey it is proposed to organize a workshop in September 2012 for preparing action plan of next task and assist training needs for this project.

Project is divided in two phase: August 2012 to November 2012- Phase I

January 2013 to April 2013- Phase-II

It is also proposed to find out the possibility of inclusion of support from various industries/business/institution of related field. Prof. Indrajit Informed the message from Patel Infrastructure Pvt Ltd to extend full support to GTU for this project.