



## ISTE National Award for Best B.Tech Project

It is a moment of Pride and Pleasure as only two awards are selected by ISTE and both are bagged by our institute SNPIT&RC.

The following students of Computer Engineering and Civil Engineering Department of SNPIT&RC, Umrakh received ISTE, National Award for the Best B.Tech Project.

### Computer Engineering

**Award:** ISTE-NIT, Kozhikode National Award for the Best B.Tech Project in Computer Engineering

**Project Title:** Virtual Vision for blinds

**Name of Students:**

1. Akash Thomas
2. Pratiksha Maheshwari

**Akash Thomas and Pratiksha Maheshwari**, of our Computer Engineering department worked on the project **Virtual Vision for Blinds**. Under this project they tried to make a project which is affordable to the common people having loss of sight in order to help them in their daily life by offering them a virtual vision to have a better life experience by using the most recent technologies.

The objective of their project was to assist blind people in multiple daily tasks using the advantage of wearable design format in the form of glasses. As a proof of concept this project presents many example applications like text recognition technology that can help with reading from hard copy material which will then be converted to speech which will be audible to the user with the help of ear buds attached to the glasses.



Students Received the Award during the 21<sup>st</sup> ISTE student's National convention held at L. D. College of Engineering, Ahmedabad (Gujarat) on 29<sup>th</sup> January, 2019



## Civil Engineering

**Award:** ISTE-BBSBC National Award for Best B.Tech. Project in Civil Engineering (Baba Banda Singh Bahadur Engineering College National Award for the Best B.Tech. Project)

**Project Title:** Vishwakarma Yojana Phase-V (Balda village) - an Approach towards Urbanization.

### **Name of Students:**

1. Saini Rajkumar
2. Pancholi Bhargav

Saini Rajkumar and Pancholi Bhargav of our civil engineering department work under Gujarat government project titled as **Vishwakarma Yojana Phase – V**. Under this project they have identified the actual rural problem by surveying Balda village (Taluka Bardoli, Dist. Surat) and gave most effective, essential and sustainable solution of village problem.

They have provided such kind of solutions which helps to improve the village growth, economy, lifestyle, living standard and employment. It is also helpful towards migration control, smart village development etc.

They are providing following designs with cost such as,

- |  |   |
|--|---|
| 1.Prayer hall cum Meditation hall with acoustic insulation | 6.Biogas plant with attached toilet           |
| 2.Low cost house   | 7.Underground sump                            |
| 3.Post office with Gram Panchayat                          | 8.General market                              |
| 4.Internal street road design using paver block            | 9.Re-imagination of milk co-operative society |
| 5.Open air theatre   |   |



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