



Dr. D . Y. Patil School of Engineering Lohegaon, Pune

GYATI: Gandhian Young Technological Innovation Award:

Rs.15 lakhs each

List of innovative BE Projects proposals submitted for GYATI awards 2018

Sl. No.	Innovation Title	Sector of Project	Name of student & Guide	Category	Date of submission
1	Pre stitching hole punching machine for handmade leather	Design & development of mechanical equipment	Khan Sadique Bobid Dr. D. S. More	Mechanical Engg	29.11.2017
2	Mechanically operated low cost insulin pump for type-II diabetics patients	Design & development of biomedical equipment	Singh Rajan Ranjit Dr. D. S. More	Bio-Engineering	29.11.2017
3	Leather strips cross weaving device for kolhapuri leather shoes	Design & development of mechanical equipment	Shubham Dhane Mr. Kunal Marathe	Mechanical Engg	30.11.2017
4	Sugarcane slicing device	Design & development of mechanical equipment	Harshavardhan Shinde Mr. A. S. Katarkar	Mechanical Engg	30.11.2017

5	To Study the Feasibility of fixing aerator in housing for water conservation	Rain water harvesting engineering	Aditya Dwivedi Mr. Sanjay Karodpati	Civil Engineering	29.11.2017
6	Face Recognition system with IOT	Image processing & iot	Sandesh Kulkarni Ms. Archana Gaikwad	Computer Engineering	29.11.2017
7	Event Detection And Alarm Notification Using Live Video Surveillance	Image processing & security	Poonam Solankar Mr. Yogesh Thorat	Computer Engineering	29.11.2017
8	Portable Water Quality Monitoring System	Embedded system	Viraj Dikholkar Mr. S. Das	Computer Engineering	29.11.2017
9	Automatic Identification and Notification of Threats in Text, Voice or Video Communication in Defence and Corporate Sectors	Data communication & security	Shubam Vasekar Mr. Sunil Rathod	Computer Engineering	29.11.2017
10	An automated human queue management using conveyor belt, sensors & controller at public& holy places or shrines	Electromechanical & embedded system	Ajinkya Kale Mr. Sunil Rathod	Computer Engineering	29.11.2017
11	Making water bottle or container using bio-composite material	Design & development of mechanical equipment	Mr. Parag Marathe	Mechanical Engg	30.11.2017

12	Design of high frequency chaotic oscillator using Voltage differencing Current Conveyor (VDCC)	Analog Electronics	Arun Pandey Chandan Kumar Choubey	Electronics and Telecommunication	30.11.2017
13	Rainwater Harvesting application to agriculture and drinking water scheme.	Rain water harvesting engineering	Tushar Salunkhe	Civil Engineering	30.11.2017
14	Using Sunlight Reflectors for illumination	Civil Engineering	Tushar Salunkhe	Civil Engineering	30.11.2017