

Best Innovative Projects-EC department

Session 2018-19

S. No.	Name of the Student (Roll. No.)	Name of Guide	Project Title	Brief Description
1	MOHITA SRIVASTAVA (1543131020)	Mr. Pawan Kumar Saini	SMART HOME WITH VISITOR TRACKER	Conventional security systems which are the commonest form of protection to lives and properties, have certain limitations such as real time monitoring and control of activities such as intruders in the form of human beings, fire, smoke, etc. These limitations in most cases result in high financial loss to properties and lives. This work involves design and construction of GSM intelligent home security system for real time monitoring of intruders. It consist of intrusion detection sensors, (pressure, Smoke/Fire, Gas and PIR motion), wireless sensors, programmable microcontroller in embedded C language, regulated power supply unit, proteus (circuit simulator), relays, GSM modem, mobile phone, data acquisition node and an interface program development. Immediately. The design analysis and calculations were carried out and finally, a positive result was achieved.
2	BHAVNA SRIVASTAVA (1543131007)			
3	SANA PARVEEN (1543131013)			
4	KULDEEP YADAV (1543131017)			