



LBS Report (2017-18)

The LBS Projects for the academic year 2017-18 were theme based.

The following themes were given to the II and III year students

- Tools to improve education quality in rural India
- Transparent systems for zero corruption
- Energy/ natural resource management
- Tools to improve the existing systems and processes in VESIT
- Smart transport/transportation systems
- Smart healthcare
- Smart agriculture
- Smart security
- Smart city
- Swachh Bharat
- Weather forecast and management

The following projects were selected by the department and the department coordinators

SELECTED LBS PROJECTS 2017-18

SR. NO.	TITLE
	Department of Electronics
1	Swachh Bharat
2	Quadrocopter
3	Smart Parking
4	Audio scrambling
5	Master Slave Based Control Systems
6	Andriod based Bluetooth controlled detection
7	Any time medicine
8	Smart trash can for automated waste disposal management
	Department of Electronics and Telecommunication
1	Emergency distress call android app
2	Detection and identification of soya bean leaf disease using mobile application
3	Bio-electricity generator using MATLAB
4	The health care network
5	EXTC at one touch
6	Real time bus arrival prediction system
7	Real world vaporware portable charge with sandwich cell
	Department of Instrumentation
1	Smart irrigation
2	Manually operated cleaning robot
3	Characteristics of moisture sensor

4	Solar based wireless data acquisition system
	Department of Computer Engineering
1	Society Connect
2	Traffic Signal management
3	Robo-arm
4	IoT in automobiles
5	Smart health care monitoring system
6	Energy management and monitoring
7	Agrotech: Agriculture revolutionized
	Department of Information Technology
1	Auto car pooling
2	Motion sensor
3	Smart city garbage collection and monitoring system
4	Smart glasses for the blind
5	Smart dustbins
6	Health record management system
	Department of Master of Computer Applications
1	Mobile medicare
2	Smart healthcare
3	Security one in all
4	Swachhata drone
5	Smart health care

On the Technology day which was celebrated on the 20th March 2018, all the projects were displayed and were judged by the senior faculty of all the departments.

Based on the evaluation sheets summary , the following were declared as winners .

Position	Topic	Class
I	Sandwich cell	D14 A
II	Cleaning bot	D13
III	Smart home security	D 15

LBS coordinator
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