

<b>PROJECT ID</b>	<b>PROJECT TITLE</b>
<b>1<sup>ST</sup> Year List</b>	
1BE003	Electricity from salt water
1BE005	Portable grey water treatment model
1BE008	Waste plastic into printing ink
1BE009	Zinc oxide nanoparticles in water treatment
1BE010	Simple hologram projector
1BE011	Smart charger
1BE014	Bus locator
1BE017	Luggage security alarm
1BE019	Arduino based led street light with auto intensity control
1BE022	Design of a circuit to charge a battery using piezoelectric materials due to the stress applied by the feet on the ground.
1BE025	Finding living human beings after natural calamity using Infrared Robot
1BE026	Noise breakers!!!
1BE027	Propeller clock
1BE028	Smart fishing for the welfare of fisherman
1BE030	Thermoelectric charger
1BE031	Ultrasonic camera system
1BE032	Vehicle Control System with Accident Prevention by Using sensors in curve roads
1BE033	Water level sensor

1BE047	E - dustbin
1BE049	Mobile detector
1BE054	Drinking water supply in hotels
1BE055	Fabrication of Composite bricks using waste plastic materials
1BE059	OWREER System(Only way road entry exit restriction)
1BE061	Smoke absorbing Chimney
1BE063	Supply of water to utility purpose without the aid of pump.
1BE065	Electricity bill and load operation controller
1BE066	Modified wireless speakers
1BE068	Mosquito repellent solar lamp
1BE069	Multi -porpuse stick
1BE073	Work power
<b>2<sup>nd</sup> Year CS</b>	
2BECS01	Smart home system using android mobile application
2BECS25	SMART CITY USING iots - 1
2BECS26	SMART CITY USING iots - 2 (continuation of SMART CITY Using iots-1)
2BECS29	Smart plantation
2BECS35	Text to braille converter
<b>3<sup>rd</sup> Year CS</b>	
3BECS06	Disability welfare management system
3BECS13	Home Automation using Bluetooth: An initiative for Smart House
3BECS23	Smart library
<b>2<sup>nd</sup> Year Civil</b>	
2BECV11	Performance of Fiber Reinforced Concrete in Pavements as Crack Arrestors

<b>3<sup>rd</sup> Year Civil</b>	
3BECV03	Experimental investigation on utilization of waste paper in composite cement bricks as eco-friendly alternative building material.
3BECV06	Link road proposal from jeppinamogaru to adyar connecting two national highways 17 and 75.
3BECV08	Preparation of soil details map of mangalore city by conducting various geotechnical tests and collection of field data.
3BECV12	Reduction of traffic congestion in pumpwell (ROTCIP)
3BECV15	To develop a floating concrete as a mega float to construct floating structures to resist earthquake and tsunami effect in low lying areas.
3BECV17	Use of Waste polyethylene terephthalate as a fine aggregate in concrete with GGBS
<b>M. Tech Civil</b>	
1MTCV06	Experimental study on properties of concrete subjected to elevated temperature
1MTCV08	Micropiles As a Retaining Wall- A Solution For Land Sliding.
1MTCV09	Proposal of an Underpass for pedestrians near Sahyadri Campus, Adyar.
1MTCV12	Seismic performance evaluation and retrofitting of RC building by e-tabs
1MTCV15	FLOAT Flexible lanel on Aquatic Territory
<b>2<sup>nd</sup> Year IS</b>	
2BEIS17	Temperature controlled relay to operate DC Fan using Arduino kit
<b>2<sup>nd</sup> Year MECH</b>	
2BEME01	Mechanical wall painting machine
2BEME02	Auto brake
2BEME03	Bicycle with propeller Shaft
2BEME04	Coconut dehusking machine
2BEME05	Design and Fabrication of Arecanut Collecting Machine
2BEME08	Fabrication of hydraulic jack operated by switching mechanism.
2BEME12	Generation of power (Electricity) using magnetic repulsion technique
2BEME17	Mechanized Cart for multi action.

2BEME18	Mobile puncture vehicle
2BEME19	Multi-purpose Areca Nut Tree Climber
2BEME24	Seat belt ignition interlocking system
2BEME26	Smart home system
2BEME27	Smart hydrogen boost engine
<b>3<sup>nd</sup> Year MECH</b>	
3BEME01	Affordable hybrid solar-mechanical powered agricultural dryer for rural people.
3BEME02	Analysis of temperature changes on the twist drill under different drilling conditions during dry drilling of austenitic steel.
3BEME03	Areca nut tree climbing machine
3BEME06	Design and fabrication of ball burnishing tool
3BEME07	Design and fabrication of mechanical blackboard duster
3BEME08	Economic and Ergonomic Sweeping Machine
3BEME09	Ergonomic fan
3BEME10	Footstep power generation
3BEME12	Internal combustion engine exhaust gas energy recovery system
3BEME13	Micro wind energy generator for residential buildings
3BEME14	Multi agri cutter solar based
3BEME16	Pedal operated single acting reciprocating pump
3BEME17	Pedal powered centrifugal pump
3BEME20	Portable rapid assembles or disassembles system for automobile tires"
3BEME21	Power generation from dissipating heat energy by using Thermo Electric Generator (TEG)
3BEME22	Priming Tank for portable water
3BEME25	Structural Analysis of Turbine Blade Using Ansys
3BEME27	5s implementation in Engineering college
3BEME28	Power generation from dissipating heat energy by using thermoelectric generator (TEG)
<b>2<sup>nd</sup> Year EC</b>	
2BEEC01	Auto irrigation using soil moisture sensor
2BEEC02	Automated roof covering system

2BEEC03	Automatic engine locking system for drunken drivers using microcontroller-at89s52
2BEEC06	Banana ripening estimation using matlab programme
2BEEC08	Bluetooth based automative wheel chair
2BEEC09	Digital security code lock using 8051 microcontroller
2BEEC10	E-generation
2BEEC11	Electronic agriculture using gsm
2BEEC13	Fire plus hazardous gas leakage detection and instant sms alerting system.
2BEEC14	Flood detection system
2BEEC15	Gsm based automatic street light monitoring and control
2BEEC16	Gsm/gprs based on automatic pump on and off
2BEEC17	Home security using gsm module
2BEEC18	Implementation of dual axis solar tracker model by using microcontroller
2BEEC21	Photoelectric sensor based automatic street light and charging system using microcontroller and solar panel.
2BEEC22	Power saver smart switch ( psss )
2BEEC23	Prevention of accident and stress detection using eye blink sensor.
2BEEC26	Solar power based irrigation system
2BEEC27	Super sensitive intruder alarm as door bell with a spy camera
2BEEC28	Using tv remote as a cordless mouse for pc and laptop
2BEEC29	Vehicle overweight detection in tollgate using hall effect sensors
2BEEC31	Wireless electronic noticeboard with multipoint receivers using RF communication system.
2BEEC32	Railway track tracer
2BEEC33	Energy efficient solar based digital electronics weighing machine
<b>3<sup>nd</sup> Year EC</b>	
3BEEC06	Automatic Railway Gate Controller with High Speed Alerting System.(Advanced facilities in railways)
3BEEC07	Automatic rationing system using embededsystem.
3BEEC08	Bike antitheft security
3BEEC09	Density based traffic control system
3BEEC10	Design and simulation of different Adders using Verilog
3BEEC16	Face detection door lock using image procrssing
3BEEC17	Fully automated solar powered grass cutter

3BEEC18	Hands on ECG
3BEEC21	Number plate detection using matlab.
3BEEC22	Patient heart beat monitoring system and emergency heart attack informer
3BEEC23	Pi glass
3BEEC25	Quadpod
3BEEC27	Smart appliances
3BEEC28	Smart lpg refill booking and leakage detection system
3BEEC29	Smart solar based dosatawa
3BEEC30	Solar driven grass cutter and collector
3BEEC31	Surveillance car controlled via dtmf
3BEEC33	Wireless Electronic notice board
3BEEC34	Wireless switch
3BEEC11	Doppler radar for collision avoidance
3BEEC26	Rf based dual mode robot
3BEEC01	A pc-aided optical foetal heart rate detection system using intelligent bio-system
3BEEC32	Visible light communication
3BEEC12	Drowsy Driver Sleeping Device and Driver Alert System.
3BEEC02	Automatic accident detection and ambulance rescue with intelligent traffic light system

## Interdepartmental Projects

ID-01	Home Automation using internet of things(iot): An initiation for smart house
ID-05	Solar based smart programmable powder sprayer for silkworm
ID-03	Design and fabrication of gas sensing chamber
ID-09	PCB milling machine

Year and Discipline	No.of.Projects
1year BE	30
2year BE ME	13
2year BE CS	5
2year BE IS	1
2year BE CV	1
2year BE ECE	24
3year BE ME	19
3year BE CS	3
3year BE IS	0
3year BE CV	6
3year BE ECE	26
M.Tech CV	5
Inter departmental	4
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Department wise -SPSS projects list	
Department	No of projects
ECE	50
ME	32
BE 1st year	30
CV	12
CS	8
Inter.Dept	4
IS	1
	137