

VIMAL JYOTHI ENGINEERING COLLEGE CHEMPERI

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF PROJECTS

Sl.No.	TITLE
1.	CENTRALISED WATTHOUR METER READING SYSTEM USING GSM
2.	VIEPABX
3.	USB BASED NETWORKING AT MICROCONTROLLERS
4.	RELAY CORE HEAD CORRECTION UNIT
5.	RFID BASED ATM
6.	GPS BASED COLLISION PREVENTION SYSTEM OF TRAINS
7.	GSM BASED DATA ACQUISITION SYSTEM
8.	CHANNEL IMPLEMENTATION
9.	VEHICLE TRACKING SYSTEM ON APPLICATION OF GSM&GPS
10.	INTEGRATION OF WIRELESS SENSING SYSTEM
11.	SMS BASED REMOTE SYSTEM
12.	TELECONFERENCING
13.	10 GB ETHERNET TRANSMITTER
14.	AUTOMATED CALIBRATION OF DS335 USING LAB VIEW
15.	TRACK DATA RECORDING &FAULT DETECTION FOR RAILWAYS
16.	WIMAX TRANSMITTER
17.	MONITORING & CONTROLLING OF ELECTRICAL DEVICE USING AR
18.	POWER ANALYSER WITH GSM
19.	LINEX DEVICE DRIVER FOR RTL8139C
20.	ACCIDENT MESSAGING SYSTEM
21.	SIMULATED AUTOMATIC DIRECTION FINDER
22.	SUPERVISORY CONTROL & DATA ACQUISITION SYSTEM
23.	DEVELOPMENT OF LINEX DEVICE DRIVER FOR SEVERAL DEVICES
24.	RFID USING GSM
25.	IBUTTON BASED BANKING
26.	MICROMECHANICAL CONTROL FOR WIRELESS ROBOTS
27.	RFID BASED ELECTRONIC SECURITY ACCESS CONTROL SYSTEM USING PIN
28.	I-SECURE LOCK SYSTEM
29.	PICK AND PLACE ROBOT WITH COLOR SENSING ABILITY
30.	MULTIPLE INPUT AUDIO WARNING UNIT
31.	GLOBAL ENERGY METER MONITORING (GEM)
32.	TELEPHONE BASED SYSTEM CONTROLLER
33.	RFID BASED VIDEO SURVEILLANCE SYSTEM
34.	DESIGN DEVELOPMENT & INTERFACING OF EMBEDDED CONTROL CIRCUIT FOR BUTTERFLY VALVE
35.	DEVELOPMENT OF INTERCOMMUNICATION SYSTEM FOR ARMoured VEHICLES
36.	MULTI CHANNEL DATA LOGGING SYSTEM
37.	MEMS CONTROLLED INDUSTRIAL HUMANOID ROBOT

38.	REAL TIME ECG DATA CAPTURING USING DIGITAL FIR FILTER
39.	FLASH PROGRAMMING LOGIC FOR CROSS CONNECT CONTROL UNIT IN MANAGED LEASED LINE NETWORK
40.	JPEG ENCODER
41.	MICROCONTROLLER BASED PRESSURE REGULATOR
42.	GPS BASED VEHICLE TRACKING SYSTEM
43.	FIRE FIGHTING ROBOT WITH STEP CLIMBING ABILITIES
44.	ADVANCED RAILWAY CONTROL SYSTEM
45.	SHORT RANGE INFRARED COMMUNICATION FOR RESTRICTED VEHICLE IDENTIFICATION
46.	PC BASED 5-AXIS ROBOT CONTROL
47.	SILYBOT
48.	AN AUTOMATED TOLL PAYMENT SYSTEM ON HIGHWAYS USING GSM
49.	8051 BASED POWERFACTOR METER AND CORRECTOR
50.	WIRELESS SPEECH RECOGNITION SURVEILLANCE ROBOT
51.	WIRELESS SPEECH RECOGNITION SURVEILLANCE ROBOT
52.	SERIAL PORT DEVICE DRIVER
53.	SMART CARD BASED HEALTH CARD
54.	MONITOR AND CONTROL OF GREEN HOUSE
55.	DESIGN AND DEVELOPEMENT OF FULLY AUTOMATED ACJAS CARD TESTER
56.	IMPLEMENTATION OF FTP ON ARM PLATFORM
57.	ZIGBEE BASED WIRELESS DATA ACQUISITION ROBOT
58.	GPS BASED TIME SYNCHRONISATION OF COMPUTER NETWORKS
59.	VISION CONTROL SYSTEM FOR ROBOTICS
60.	VLSI TRAINER
61.	SECURE DATA COMMUNICATION USING ZIGBEE
62.	JPEC ENCODER ON ARM PLATFORM
63.	REAL TIME COMMUNICATION BETWEEN RTLinux AND WINDOWS
64.	AN EXPERT SYSTEM ON OCB283 EXCHANGE
65.	AUTOMATED TESTING OF ACAJB5 IN INDIA
66.	AUTOMATIC SPEED REGULATION IN VEHICLES
67.	IMAGE COMPRESSION USING SPIHT ALGORITHM
68.	ILS MONITERING THROUGH MOBILE
69.	FPGA BASED INTERFACE FOR LINEAR AND MIXED SIGNAL TESTER USING VHDL CODING
70.	PCI BASED AUTOMATED CHECK OUT FOR CARD LEVEL TESTING OF CONTROL ELECTRONICS PACKAGE UTILIZING PLUG AND PRINT CONCEPT
71.	SMART VEHICLE
72.	VHDL IMPLEMENTATION OF AES CRYPTOSYSTEMS
73.	DATA ACQUISITION MODULE
74.	SIMULATION OF WCDMA TRANSCIEVER USING VHDL
75.	BLACK BOX IN AUTOMOBILES
76.	EZW BASED IMAGE COMPRESSION
77.	AUTOMATED SQUIB RESISTANCE MEASUREMENT SYSTEM
78.	EMBEDDED WEB SERVER FOR A DATA ACQUISITION SYSTEM
79.	DATA ACQUISITION SYSTEM
80.	SWARM ROBOTICS FOR OBJECT FINDING
81.	SHIP BOARD MONITORING AND CONTROL SYSTEM
82.	E-UNIFORM FOR SOLDIERS WHO WORK AT EXTREME HIGH &LOW TEMPERATURE

83.	VOICE CONTROLLED HOME
84.	SMART BIKE
85.	INTELLIGENT WOMEN SECURITY SYSTEM
86.	COMPLETE VEHICLE SECURITY SYSTEM
87.	GSM BASED ECG TELE ALERT SYSTEM
88.	IMPLEMENTATION OF INTELLIGENT LOAD MANAGEMENT ON SMART GRIDS USING ZIGBEE
89.	SIMULATION OF EARTHQUAKES & TSUNAMI THROUGH GSM NETWORKS
90.	PLANT IRRIGATION MONITORING & CONTROL
91.	THREE PHASE MONITORING USING ZIGBEE
92.	WIRELESS SPY ROBOT WITH OBJECT DETECTION
93.	RFID BASED ITS & IPS
94.	LOCON - LOCATION BASED SERVICES PLATFORM FOR AIRPORT SAFETY
95.	DESIGN OF FIBER OPTIC INTERFACE FOR MIL-STD-1553 BUS USING SERDES PROTOCOL
96.	IMPLEMENTATION OF GEOGRAPHICAL LOCATION BASED ROUTING FOR EMERGENCY CALLS
97.	SODAR WITH MOTION DETECTOR
98.	DESIGN, IMPLEMENTATION AND PERFORMANCE ANALYSIS OF INTER EXCHANGE SIGNALLING LINKS IN SWITCHING SYSTEM(OCB 283)
99.	DTMF BASED LAND ROVER USING 3G
100.	SIXTH SENSE DEVICE
101.	INTELLIGENT ROBOTIC VACUUM CLEANER
102.	IMAGE MOSAICKING
103.	PATTERN LOCK: NEXT GENERATION AUTO PREVENTION SYSTEM
104.	RF OPTIMIZATION IN A GSM NETWORK
105.	ELECTION POLL AT ANYWHERE THROUGH AADHAR CARD
106.	MARINE BOUNDARY DETECTION USING GPS AAND GSM
107.	BEAMFORMING IN LTE ACCESS NETWORK
108.	DUMB ASSISTANCE DEVICE
109.	WILD ANIMAL PANIC ALARM (EXTENSION)
110.	IOT BASED INDUSTRIAL AUTOMATION SYSTEM
111.	DEFENDER USING RASPBERRY PI & ANDROID APPLICATION
112.	OPTICAL HEAD MOUNTED COMPUTER WITH WIIMOTE CONTROLLED ROBOTIC ARM
113.	WOT E-NOSE
114.	LI-FI
115.	STEGANOGRAPHY USING ADVANCED ENCRYPTION STANDARDS
116.	2-D HAND
117.	HUMAN BRAIN TUMOR DETECTION & QUANTIFICATION
118.	PARKING LOCATOR ANDROID APPLICATION USING GSM
119.	SOLAR POWERED MANET-POWERED GIS FOR SOLID WASTE MANAGEMENT
120.	ONLINE MONITORING OF HAZARDOUS GAS LEAKAGE USING WIRELESS SENSOR NETWORK
121.	RECOGNIZING SURGICALLY ALTERED FACE IMAGES USING MULTI-OBJECT EVOLUTIONARY ALGORITHM
122.	SMART DEVICE FOR OPTIMAL USE OF STORED RENEWABLE POWER
123.	AUTOMATED FOOD PROCESSING MACHINE
124.	ARECANUT PLUCKING ROBOT
125.	PLANNING & IMPLEMENTATION OF TRAFFIC ENHANCEMENT IN 3G MOBILE

	NETWORKS
126.	DIGITAL CAPACITANCE METER
127.	AUTOMATIC TEMPERATURE CONTROLLER
128.	ELECTRONIC QUIZ BUZZER
129.	DIGITAL STOP WATCH
130.	TWO WHEELER SECURITY SYSTEM
131.	SMART OFFICE
132.	REMOTE CONTROLLED STEPPER MOTOR
133.	DIGITAL SPEEDOMETER
134.	PC TO PC WIRELESS COMMUNICATION SYSTEM
135.	MICROCONTROLLER BASED ELECTRONIC VOTING MACHINE
136.	PREPAID ENERGY METER
137.	STATION INDICATING SYSTEM
138.	METAL DETECTOR
139.	SOUND WALKER
140.	POWER FACTOR CORRECTOR
141.	RF REMOTE CONTROLLED ROBOTIC CAR
142.	OBSTACLE AVOIDANCE ROBOTIC CAR
143.	TELEMETRY
144.	DTMF BASED REMOTE CONTROLLER
145.	MICROCONTROLLER BASED MOISTURE MAPPED LAWN SPRINKLER
146.	COMPANY SECURITY SYSTEM
147.	SMART EYE
148.	PC REMOTE CONTROL
149.	INTELLIGENT TRAIN ENGINE
150.	MICROCONTROLLER BASED INDUCTANCE METER
151.	AUTOMATIC POWER MANAGEMENT SYSTEM
152.	AUTOMATIC BREAKING SYSTEM FOR ELECTRIC VEHICLES
153.	INDUSTRIAL TEMPERATURE CONTROL SYSTEM
154.	SEQUENTIAL EVENT MONITOR AND CONTROL
155.	SMS ALERT SYSTEM
156.	SIX AXIS ROBOTIC ARM CONTROLLER
157.	AUTOMATIC SPEED GOVERNER
158.	AUTOMATIC CAR PARKING SYSTEM
159.	MICROCONTROLLED ROBOTIC FOOTBALL PLAYER
160.	SOLAR RECORDER
161.	SMART ELECTRICITY BILL READER
162.	BLACKBOX IN AUTOMOBILES
163.	APPLIANCE SECURITY SYSTEM
164.	EXPLORING ROBOT
165.	INTERACTIVE VOICE RESPONSE SYSTEM
166.	RAILWAY GATE CONTROL SYSTEM
167.	INTELLIGENT TRAFFIC CONTROL SYSTEM
168.	PC BASED OSCILLOSCOPE
169.	HI - TECH WIRING
170.	ROOM AUTOMATION SYSTEM
171.	INFRARED DATA TRANSFER FROM PC TO PC
172.	OPTICAL COMMUNICATION SYSTEM USING FM IM SCHEME

173.	MOBILE PHONE SNIFFER
174.	TELE REMOTE CONTROLLER
175.	MICROCONTROLLER BASED PROGRAMMABLE VOLTAGE SOURCE
176.	SUBSTATION AUTOMATION THROUGH SMS
177.	RF CONTROLLED ROBOT
178.	COMPUTERISED WIRELESS PICK N PLACE ROBOT
179.	LAND ROVER WITHOUT MICRO CONTROLLER
180.	INTELLIGENT WHEEL CHAIR
181.	HEART BEAT & TEMPERATURE MONITORING SYATEM
182.	SMS BASED NOTICE BOARD USING 8 BIT MICROCONTROLLER
183.	CELL PHONE OPERATED ROBOT
184.	GSM BASED MOVING WEATHER CHECKER
185.	PIC BASED AUTOMATIC SOLAR RADIATION TRCKER
186.	AUTOMOBILE FUNCTIONS CONTROL SYSTEM VIA BLUETOOTH UTILITY
187.	SMS CONTROLLED SMART HOME
188.	GSM/GPRS BASED WIRELESS HOME SECURITY SYSTEM
189.	VEHICLE ACCIDENT DETECTION SYSTEM WITH SMS APPLICATION USING GSM
190.	GSM BASED HUMAN DETECTION
191.	VOICE CONTROLLED QUADRUPEL
192.	ELECTRONIC TOLL COLLECTION MACHINE
193.	SECRET DATA EMBEDDING USING DCT-ENCODING
194.	ONLINE BILLING SYSTEM
195.	AUTOMATIC COLLEGE BELL SYSTEM
196.	SECRET DATA EMBEDDING USING DCT-ENCODING
197.	MOBILE PROTECTING SHIELD
198.	STAIRCASE LIGHT WITH AUTO SWITCH OFF
199.	AUTOMATIC HEADLIGHT DIP MECHANISM
200.	AUTOMATIC HEAD LAMP INTENSITY CONTROL
201.	SPHERICAL ROBOT
202.	LINE FOLLOWER BASED BOOK RETURNING SYSTEM
203.	BOOK RETURNING ROBOT
204.	BIOMETRIC VOTING MACHINE (BALLOT UNIT)
205.	BIOMETRIC VOTING MACHINE (DATABASE CREATION)
206.	DRIVER FATIGUE DETECTION SYSTEM
207.	STATION INFORMATION SYSTEM IN BUS
208.	BUS STATION RECOGNITION SYSTEM
209.	FACE RECOGNITION
210.	DROWSY DRIVER DETECTION SYSTEM
211.	HUMAN IDENTIFICATION USING IMAGE PROCESSING
212.	VORTEX FLOE CONTROL
213.	AUTOMATIC SOLAR TRACKING SYSTEM
214.	SYSTEMATIC ATTENDANCE & LOCATION TRACKING SYSTEM
215.	MEDICAL MONITORING
216.	PATIENT PARAMETER MONITORING SYSTEM
217.	VOLUMETRIC DIGITAL FLOW CONTROLLER
218.	MC BASED LIGHT TRACKING SYSTEM
219.	AUTOMATIC ATTENDANCE & LOCATION TRACKING USING RF TECHNOLOGY
220.	NEW CHAMELEON CARD

221.	THREE TIER SECURITY SYSTEM
222.	AUTOMATED ENERGY METER
223.	ROBOTICS IN DISATER ENVIORNMENT
224.	ALIVE HUMAN RADIATION DETECTION
225.	AUTOMATIC COLLEGE BELL SYSTEM USING PIC
226.	PIC BASED AUTOMATIC SOLAR RADIATION TRCKER
227.	DISTANT TACHOMETER
228.	DTMF BASED BANK LOCKER SYSTEM WITH PASSWORD PROTECTION
229.	GSM BASED SEISMIC SENSOR
230.	DAMLEVEL CONTROL AND LEVEL WARNING USING GSM SMS
231.	SMART MUTING SYSTEM
232.	COIN OPERATED POWER SYSTEM
233.	AUTOMATIC TOLL COLLECTION SYSTEM
234.	GPS AND GSM INTEGRATOR FOR THE MOBILE VECHICLE CHECKING
235.	MICROCONTROLLER BASED AUTOMATIC FLUSH SYSTEM
236.	FULLY AUTOMATED RATIONING FOR PUBLIC DISTRIBUTION SYSTEMS
237.	AUTOMATIC RAILWAY GATE CONTROL&TRACK SWITCHING
238.	MOTION SENSING POWER POINT CONTROLLER WITH MP3 PLAYBACK
239.	VEHICLE MONITORING AND SECURITY SYSTEM
240.	ACCIDENT PROTECTION SYSTEM FOR VECHICLES
241.	HOME AUTOMATION USING ZIGBEE
242.	DGS DRIVING GUIDANCE SYSTEM BASED ON WIRELESS SENSOR NETWORK
243.	INTELLIGENT BIKE THAT WON'T START WITHOUT HELMET
244.	WIRELESS SWIM BOAT
245.	AUTOMATIC AQUARIUM
246.	ULTRASONIC WALKING STICK FOR BLIND
247.	STUDENTS ARRIVING/LEAVING SAFTY MESSAGE SERVICE SYSTEM
248.	HUMAN TRACKING FAN SYSTEM
249.	REMOTE CONTROLLED FAN REGULATOR
250.	WIRELESS CHATTING USING RF WITH ENCODING
251.	DIGITAL STETHOSCOPE
252.	GATE AUTOMATION BASED ON VECHILE NUMBER PLATE
253.	ALCOHOLIC PREVENTER IN AUTOMOBILE
254.	SMS VOTING MACHINE
255.	INTELLIGENT DYNAMIC TRAFFIC LIGHT SEQUENCE USING RFID
256.	OPERATION OF PERSONAL COMPUTER BY HAND GUESTURES
257.	SPEECH CONTROLLED WHEEL CHAIR
258.	<u>SOUND DETECTOR WITH VOICE ANNOUNCEMENT SYSTEM</u>
259.	<u>STREET LIGHT GLOW SENSOR</u>
260.	<u>LOCATION BASED SPEED LIMITER</u>
261.	AUTOMATIC DISPENSER MACHINE
262.	LOW COST TOUCH SCREEN BASED SECURITY SYSTEM
263.	MICROCONTROLLER BASED PATIENT MEDICINE REMAINDER SYSTEM
264.	MICROCONTROLLER BASED INFANT STIMULATION SYSTEM
265.	TECHNIQUE FOR VIOLATION DETECTION ON TRAFFIC USING WIRELESS ADAPTION
266.	GSM BASED AUTOMATIC IRRIGATION SYSTEM
267.	POLLUTANT DETECTOR
268.	STUDENTS COLLEGE ALERT SYSTEMS TO PARENTS USING RFID

269.	POWER LINE THROUGH INTELLIGENT ROBOTIC ARM USING REMOTE FLEXATION FOR DOCTORS
270.	POWER THEFT IDENTIFICATION AND AUTO DISCONNECT SYSTEM
271.	EXAMINATION ROOM GUIDE USING RFID
272.	CELL PHONE BASED DTMF CONTROLLED GARAGE DOOR OPENING SYSTEM
273.	DISTANT CALCULATION FOR UNDERGROUND CABLE FAULT
274.	AUTOMATIC DIALING TO ANY TELEPHONE USING I2C PROTOCOL ON DETECTING BURGLARARY
275.	SECRET CODE ENABLED SECURITY SYSTEM USING RFID TECHNOLOGY
276.	OPTICAL HEAD MOUNTED CONTROLLER
277.	SELF GUARD
278.	HOME AUTOMATION USING ANDROID APPLICATION
279.	SIXTH SENSE TECHNOLOGY
280.	WILD ANIMAL PANIC ALARM
281.	SMART EMBEDDED WEB CONTROL
282.	E-NOSE
283.	I-KEYBOARD
284.	GSM BASED SMART NOTICE BOARD
285.	HEAD CONTROLLED MOUSE & KEYBOARD
286.	RESCUE ROBOT
287.	AUTOMATIC VEHICLE & PASSENGER SCREENING SYSTEM
288.	ADVANCED SMART BOAT
289.	WIRELESS ECG
290.	E-PASSPORT
291.	E-UNIFORM
292.	TALKING ENERGY METER
293.	RAILWAY CRACK DETECTION SYSTEM
294.	INTELLIGENT SHOPPING CART
295.	INTELLIGENT ROOM
296.	SPEED LIMITER
297.	WILD FIRE MONITORING SYSTEM
298.	SMART HELMET
299.	HAND TALK TECHNOLOGY
300.	RAILWAY TRACK PEDESTRIAN CROSSING WITHOUT USING STAIRCASE
301.	FINGER PRINT OWNERSHIP CHECKING SYSTEM
302.	POWER SAVING IRONBOX
303.	COIN BASED MOBILE BATTERY CHARGER
304.	CLEANER ROBOT
305.	MOBILE STARTER CONTROLLER
306.	TSUNAMI DETECTION SYSTEM
307.	LAB ASSISTANT ROBOT
308.	HIGH SPEED PHOTOGRAPHY TRIGGERING CIRCUIT
309.	SMART CAR
310.	SMART RESTAURANT
311.	AUTOMATIC FIRE EXTINGUISHING ROBOT
312.	RFID BASED SHOPPING TROLLEY
313.	SELF BALANCING ROBOT
314.	INTELLIGENT MAIL BOX

315.	MOVING ALARM CLOCK
316.	TEXT TO BRAILLE CONVERTER
317.	MOBILE BASED DEVICE CONTROL USING PSOC
318.	SOLAR POWERED SMART WASTE BIN
319.	LASER AUDIO COMMUNICATION
320.	TOUCH SCREEN BASED SECURITY SYSTEM