

## Globalsoft Technology 2015-2016

Sr No	TITLE	
1	Retinal Area Detector From Scanning Laser Ophthalmoscope (SLO) Images For Retinal Disease Identification	
2	Content Based Image Retrieval Using Color ,Texture, Shape Features	
3	Eye Landmark Detection System For Retinal Disease Identification	
4	A Statistical Sharpness Measure Based Multifocus Image Fusion Using Double Density Discrete Wavelet Transform	
5	Steganalysis Of LSB Insertion Method In Uncompressed Images Using Matlab(Secrete Data Sharing Using LSB Insertion Stegnography)	
6	Plant Leaf Disease Detection & Classification Using SVM	
7	Brain Tumor Segmentation And Its Area Calculation In Brain MR Images Using K-Means Clustering And Fuzzy C-Means Algorithm	
8	Face Recognition System Using Linear Discriminant Analysis	
9	Diabetes Mellitus Detection Based On Facial Block Texture Features	
10	Real Time Hand Gesture Based Automatic Music Player	
11	Wavelet Based Enhanced Edge Detection And Adaptive Filtering Method For Human Emotion Recognition.	
12	Novel Image Compression Technique Using DCT Method	
13	Demographic Age, Gender & Race Estimation From Face Images	
14	Content Based Image Retrival System Using Color , Texture , Shape Features	
15	Real Time Sign Language Identification	
16	Extraction Of Good Quality Image From Low Quality Video	
17	Image Quality Assesment For Fake Biometric Identification:	
18	Scalable Face Image Retrival Using Attribute Enhanced Sparce Codeword	
19	Automatic Segmentation Of Digital Dental Panaromic X-Ray Images For Forensic Human Identification	

## Globalsoft Technology **2015-2016**

20	Image Quality Enhancement Using Image Fusion Method	
21	Identification And Classification Of Breast Cancer Using Gabor Wavelet Based Features	
22	Criminal Identification Using Face & Iris Detection	
23	Reversible Data Hiding In An Encrypted Image (Watermarking)	
24	Attendance Management System Using The Face Recognition	
25	A New Technique Of Quality Analysis For Rice Grading For Agmark Standards	
26	Acute Lymphoblastic Leukemia Detection Using WBC Segmentation And Lucocyte Classification	
27	Performance Enhancement Security Technique Using Keystroke Dynamics And Palmprint Biometrics	
28	Visual Cryptography (Sending Secret Text ) Via Image Processing	
29	Detecting Nonproliferative Diabetic Retinopathy Using Tongue Image Analysis	
30	A Bank Cheque Signature Verification System Using Neural Network Architecture And Feature Extraction Based On GLCM	
31	An Approach To Detect Bone Tumor Using Comparative Analysis Of Segmentation technique	
32	Improving Quality Of Apple Using Computer Vision & Image Processing Based Grading System	
33	Automatic Fire Detection Using MATLAB Real Time Camera	
34	Fruits Recognition System Based On Color ,Texture & Shape Features	
35	Multifocus Image Fusion Based On NSCT And Focused Area Detection	
36	Verification Of Bank Cheque Images Using Hamming Measures	
37	Face Detection On Distorted Images Augmented By Perceptual Quality-Aware Features	
38	Online Payment System Using Steganography And Visual Cryptography	

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**ARM 7 LPC 2148 EMBEDDED PROJECT LIST**

<b>SR NO</b>	<b>PROJECT NAME</b>
1	GESTURE RECOGNITION BASED ON ARM 7 LPC 2148 AND MATLAB.
2	DESIGN AND DEVELOPMENT OF ANDROID APPLICATION FOR CAR.
3	CONDUCTORLESS TICKETING SYSTEM USING ARM 7 LPC2148
4	A SECURITY ALERT SYSTEM USING GSM FOR GAS LEAKAGE DETECTION & CONTROL SYSTEM USING ARM 7
5	LANDSLIDE WARNING SYSTEM USING WIRELESS SENSOR NETWORK
6	INTELLIGENT NOTE TO COIN EXCHANGER WITH FAKE NOTE DETECTION USING ARM
7	PEN DRIVE TO PEN DRIVE AND MOBILE DATA TRANSFER USING ARM
8	USB TO USB AND MOBILE DATA TRANSFER WITHOUT CONNECTING TO PC USING ARM 9 PROCESSOR
9	A LOW-COST SENSOR NETWORK FOR REAL-TIME MONITORING AND CONTAMINATION DETECTION IN DRINKING WATER DISTRIBUTION SYSTEMS
10	ADVANCED MUSIC PLAYER WITH AUDIO RECOGNITION AND TOUCH INTERFACE FOR VISUALLY IMPAIRED
11	A HARDWARE PLATFORM FOR EVALUATING LOW-ENERGY MULTIPROCESSOR EMBEDDED SYSTEMS BASED ON COTS DEVICES
12	SMART STIKE FOR BLIND PERSON USING ARM 7 LPC 2148
13	CHILD TRACKING SYSTEM USING GPS AND GSM
14	ARM 7 BASED RAILWAY CRACK DETECTION SYSTEM USING GPS AND GSM
15	AN ANALYTICAL APPROACH OF PARAMETRIC MONITORING OF INDUCTION MOTOR USING GSM

## Globalsoft Technology 2015-2016

16	Aero dynamic Wind mill with reverse charge protection for rural power generation applications With battery voltage analyzer using PIC16F877A
17	TRAIN COLLISION AVOIDANCE USING VIBRATION ,ULTRASONIC SENSOR & ARM7 MICRO-CONTROLLER
18	VEHICLE IDENTIFICATION DATA MONITORING AND VERIFICATION SYSTEM FOR TRAFFIC AND RTO USING RF TECHNOLOGY
19	DESIGN AND DEVELOPMENT OF ANDROID APPLICATION FOR CAR
20	GESTURE CONTROLLED ROBOT FOR MILITARY PURPOSE
21	MULTISENSOR SYSTEM USING LPC2148 MICROCONTROLLER
22	DESIGN & IMPLEMENTATION OF SMART CITY USING CONTROLLED AREA NETWORK PROTOCOL FOR CONTROLLING PURPOSE
23	A LOW-COST SENSOR NETWORK FOR REAL-TIME MONITORING AND CONTAMINATION DETECTION IN DRINKING WATER DISTRIBUTION SYSTEMS
23	WECARE: AN INTELLIGENT BADGE FOR ELDERLY DANGER DETECTION AND ALERT
24	A CAN PROTOCOL BASED EMBEDDED SYSTEM FOR SMART VEHICLES USING ARM 7
25	ARDUINO BASED CAN PROTOCOL IMPLEMENTATION IN VEHICLE CONTROL SYSTEM
26	ARM 7 BASED CONTROLLER AREA NETWORK FOR ACCIDENT AVOIDANCE IN AUTOMOBILES
27	AUTOMATED IRRIGATION SYSTEM USING A WIRELESS SENSOR NETWORK AND GPRS MODULE
28	PERSONAL HEALTH MONITORING WITH ANDROID BASED MOBILE DEVICES
29	DESIGN AND DEVELOPMENT OF ARM MICROCONTROLLER BASED

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	VEHICLE MONITORING SYSTEM USING CONTROLLER AREA NETWORK (CAN) PROTOCOL
30	SMART TROLLY WITH AUTOMATIC BILLING SYSTEM USING ARM 7 FOR MALL APPLIATION
31	AGRICULTURE ROBOT WITH SEEDING AND DIGGING FOR SAMRT FARM.
32	NOTE TO COIN DISPENSE SYSTEM USING ARM 7 AND MATLAB
33	DTMF BASED MOBILE OPERATED SURVEILLANCE VEHICLE USING ARDUINO
34	BLUETOOTH OPERATED SURVEILLANCE ROBOT USING ULTRASONIC AND PIR SENSOR
35	RAILWAY TUNNEL AUTOMATIC LIGHTING AND EXOST FAN SYSTEM USING DYNAMO MECHANISM WIITH ARM 7
36	TRAIN COLLISION AVOIDANCE AND CRACK DETECTION SYSTEM USIGN GSM AND GPS
37	VEHICLE IDENTIFICATION, DATA MONITORING AND VERIFICATION
38	SMART BUS SYTEM USING GPS AND GSM WITH ARM 7
39	GSM AND GPS BASED VEHICLE THIFT SYSTEM FOR SAFETY PURPOSE
40	WIND MILL BASED ENERGY GENERATION SYSTEM USING 89S52 CONTROLLER
41	SAMRT VEHICLE SAFETY AND CCONTROL SYSTEM USING ARM 7 LPC 2148

### IOT –EMBEDDED BASED PROJECT

SR NO	PROJECT NAME
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## Globalsoft Technology 2015-2016

1	SMART IRRIGATION SYSTEM USING WIRELESS SENSOR NETWORK AND RASBERRYPI WITH ANDRID APP
2	HEALTHCARE MONITORING SYSTEM USING WIRELESS SENSOR NETWORKS AND ARM CORTEX M3 PROCESSOR WITH ANDRID APP
3	A WIRELESS SENSOR NETWORK AND RASBERRYPI BASED HEALTH MONITORING SYSTEM WITH ANDRID APP
4	SEVEN SENSE ROBOT USING RASPBERRYPI WITH ANDRID APP
5	WECARE: AN INTELLIGENT BADGE FOR ELDERLY DANGER DETECTION AND ALERT WITH ANDRID APP
6	VEHICLE PARAMETER DETECTION AND CONTROL SYSTEM USING EMBEDDED -IOT WITH ANDRID APP

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