



Excelssior Education Society's
**K.C.College of Engineering
& Management Studies & Research**

(Approved by AICTE & Affiliated to Mumbai University)

TECHNOVISION 2016

"The best way to predict the future is to invent it"

-Allan Kay

INDEX

SER NO	PAPER NO	TITLE OF THE PAPER	PAGE NO
1	CO-1	DigiCard- A Credit Card using Transaction and Verification	1
2	CO-2	Virtual Fru-Gie Market By Farmers For Daily Needs / Festivals(Kisan Bazaar)	5
3	CO-3	Intelligent Career Counseling Bot	8
4	CO-4	Industry Purpose Arduino And Android Based Monitoring Robot	11
5	CO-5	Real Time Computation And Evaluation on Raw Data using Statistical Tools	15
6	CO-6	Virtual Knowledge System	19
7	EX-1	TINY BYTE - A mind boggling and fun way to learn	22
8	EX-2	Food Adulteration Detector	26
9	EX-3	Engenderment of Electricity through Rail Wheels A System for reusing the energy provide through rail wheels	30
10	EX-4	Bicycle Powered Ride on Smart Phone Charger	33
11	EX-5	Tracking Application In Android For KC College Of Engineering's Library Using GPS	38
12	EX-6	3G based Spy & Fire Fight Robot using Hydro pump	41
13	ET-1	Greenhouse Environment Monitoring and Controlling System using Arduino	44
14	ET-2	Hi-Tech Helmet using Alcohol detection and Reporting.	48
15	ET-3	License Plate detection for Odd-Even rule using Image Processing	51
16	ET-4	Home Automation System using Bluetooth GSM & Internet	54
17	ET-5	Smart Irrigation System Using Wireless Sensor Network	57
18	ET-6	Black Box For Vehicles	59
19	ET-7	Thermal Powered Flash Light Using Thermal Energy Harvesting.	62
20	IT-1	SKEDULE - A System for easy user access	65
21	IT-2	An Android Application for Faculty Information System	68
22	IT-3	An Android Application for Student Information System	72
23	IT-4	Self Drive – Car Rental System	76
24	IT-5	Android Voice Bots	80
25	IT-6	Sentiment Analysis Using Collaborated Opinion Mining	83