



Mahavir Education Trust's
SHAH & ANCHOR KUTCHHI ENGG. COLLEGE,
Chembur, Mumbai 400 088

Syllabus For CBCS Sem VIII of Rev 2016 Theory Exam

Name of Institute: **Shah And Anchor Kutchhi Engineering college**

Program/Branch Name: **Electronics**

Sr No.	Course codes	Name of Subjects/Course	Modules covered
1	ELX801	Internet of Things	1. Introduction to IoT
			2. Networks and communication Aspects
			3. IoT Platforms and Design Methodology
2	ELX802	Analog & Mixed VLSI Design	1. Analog Building Blocks
			2. Amplifier circuits
			4 Mixed Signal circuits
3	ELXDLO8041	Advanced Power Electronics	1. Three phase rectifiers
			2. Three phase inverter and controls
			3. Dc-Dc converters
			4. Power electronics applications in dc drives
4	ELXDLO8042	MEMS Technology	1. Introduction
			2. Materials and properties
			4.Fabrication of MEMS
5	ELXDLO8044	Digital Image Processing	1. Digital Image Processing Fundamentals
			2. Image Enhancement in Spatial domain
			3. Image Segmentation and Representation
6	ILO8027	IPR & Patenting	1. Introduction to IPR
			2. Enforcement of IPR
			3. Basics of Patents
7	ILO8029	Environmental Management	1. Introduction and definition of environment
			2 Global environmental concerns
			3. Concept of Ecology

Head of Department