



ADARSH MANAGEMENT INSTITUTE OF INDIA

B.Tech in Electrical Engineering

Course Name: B.Tech In Electrical Engineering

Duration: 4 Years Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech. Candidate who has completed B.Sc(PCM) can enroll for 3rd Semester of B.Tech.

First Semester	Second Semester
1. Mathematics I	1. Mathematics II
2. Engineering Graphics I	2. Engineering Mechanics
3. Engineering Physics I	3. Engineering Graphics II
4. Humanities	4. Engineering Physics II
5. Computer Programming I	5. Engineering Chemistry II
6. Engineering Chemistry I	6. Computer Programming II
	7. Electrical Engineering
Third Semester	Fourth Semester
1. Applied Mathematics-III	1. Electrical Engg. Maths
2. Steam And Hydroturbines	2. Elements Of Electromagnetic
3. EMMI	3. Digital Circuits
4. Network Analysis	4. Electrical Machines-I
5. Electronic Devices & Circuits	5. Computer Programming
Fifth Semester	Sixth Semester
1. Electrical Power System-I	1. Power Station Practice
2. Instrumentation	2. Industrial Eco. & Management
3. Electrical Machine Design	3. Elect. Drives & Their Control
4. Microprocessor & Interfacing	4. Linear Electronics Circuits
5. Electrical Machines-II	5. Control System-I
6. Electrical Engg. Project	6. Com. Aided Elect. Engg. Drawing
Seventh Semester	Eighth Semester
1. Control System-II	1. Power Semiconductor Based Drives
2. Electrical Power-II	2. Elective –II
3. Elective-I	3. Switchgear & Protection
4. High Voltage Engineering	4. Comp. Appl. In Electrical Engg.
5. Power Electronics	5. Project

6. Project	
ELECTIVE-I	ELECTIVE-II
1. Non Conv. Energy Sources	1. EHVAC and HVDC TRANS
2. I.T. and its app. in P.S. control	2. E.I.D.
3. FUZZY LOGIC and neural networks	3. Adv. Micro. PERI
4. FLEX A.C. Transmission systems	4. BIOMED. Engg.
5. Entrepreneurship Devp.	5. DSP
	6. OPT. TECH.