PROPOSAL
Industry Oriented
Software and Hardware Training for Biomedical -2015

Day	Forenoon Timings 9AM-12PM(FN)	Afternoon Timings 1PM-4PM(AN)
Monday	**Introduction to Biomedical Instrumentation, Hospital Equipment Applications & Matlab Including Fundamental Concepts, Programming Skills [Hands on Experience] Equipments : Major Type of ICCU Equipments**	
Tuesday	**ECG Signal Acquisition Design Considerations (Hardware)**	**Software operation on ECG Signals and analysis (MATLAB Software)**
Wednesday	**Testing and Troubleshooting of ICU Equipments (Hardware)**	**Hands on Experience on Signal Processing techniques and Analysis (MATLAB Software)**
Thursday	**Digital Image Processing Concepts and Hands on Experience on image Processing using Biomedical Instrumentation & MATLAB Equipments : Doppler System , Digital X-ray Machine**	
Friday	**Hospital Equipment Demonstration**	**Test and Group Discussion PLACEMENT CONSULTANCY**

Prerequisites

- Knowledge of Basic Mathematics and Instrumentation
- Basic programming knowledge of any languages (like C)

Target Audience

- This program is for Engineering Students - (BIOMEDICAL,INSTRUMENTATION,ELECTRONICS – 3rd & 4th year),
- Polytechnic students (Medical electronics, Instrumentation, Electronics) – 3rd year
- Researchers and other allied applications.

Cost

Sr. No.	DESCRIPTION	NO. OF PARTICIPANTS (UP TO)	NO. OF DAYS	PER PARTICIPANT (INR)
1	Industry Oriented Software and Hardware Training for Biomedical	**INTAKE – 60 (MINIMUM 30 PARTICIPANTS)**	5	7,500

*Please circulate and confirm the date of conducting training before 15days.

*This training aims at providing in depth knowledge on different technologies being used in the Biomedical Industry. The trainers are alumnus of MIT/Anna University and have worked for different companies in the past.
*The ICU equipment trainers are from reputed industry working from past 20years
Course Venue & Date: AT COLLEGE PREMISES & Date as per Academic Schedule.
For more information please visit our website: www.pamtrons.in.