



KCG

COLLEGE OF TECHNOLOGY

Department of Electronics & Communication Engineering



Value Added Courses Details

S.No	Name of the VAC	Organised By	Contents
1	Certificate Course on Robotics and Embedded Systems	E-Yantra	<ul style="list-style-type: none"> • Work on Embedded C programming • Understand the working of Sensors and Actuators • Make a robot do several tasks such as Motion Control, LCD and buzzer interfacing, Analog sensor interfacing using ADC, etc. • Achieve practical implementation skills, problem solving skills and team work
2	GSM and Broadband Communication	NIELIT	<ul style="list-style-type: none"> • Global System for Mobile Communication • 3G and 4G Technologies • Wifi / Wimax • Overview of Broadband Communication • MODEM Configuration • Digital Subscriber Line Access Multiplexer Configuration
3	Arduino and its Applications	EFY Team	<ul style="list-style-type: none"> • Knowledge of utilizing various types of sensors • Ability in designing various applications using the sensors • Capacity to use the Arduino platform for various applications • Extending the knowledge gained on Arduino for industrial applications • Gains knowledge of HW and SW for building up circuit blocks
4	Raspberry Pi	EFY Team	<ul style="list-style-type: none"> • Ability in designing various applications using Raspberry Pi