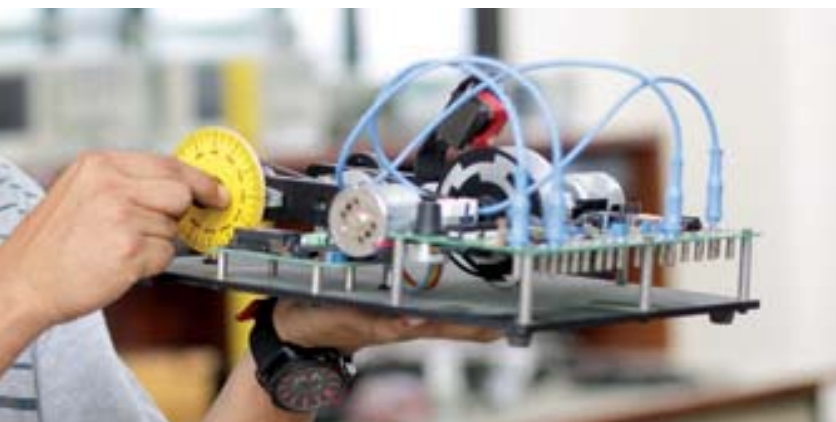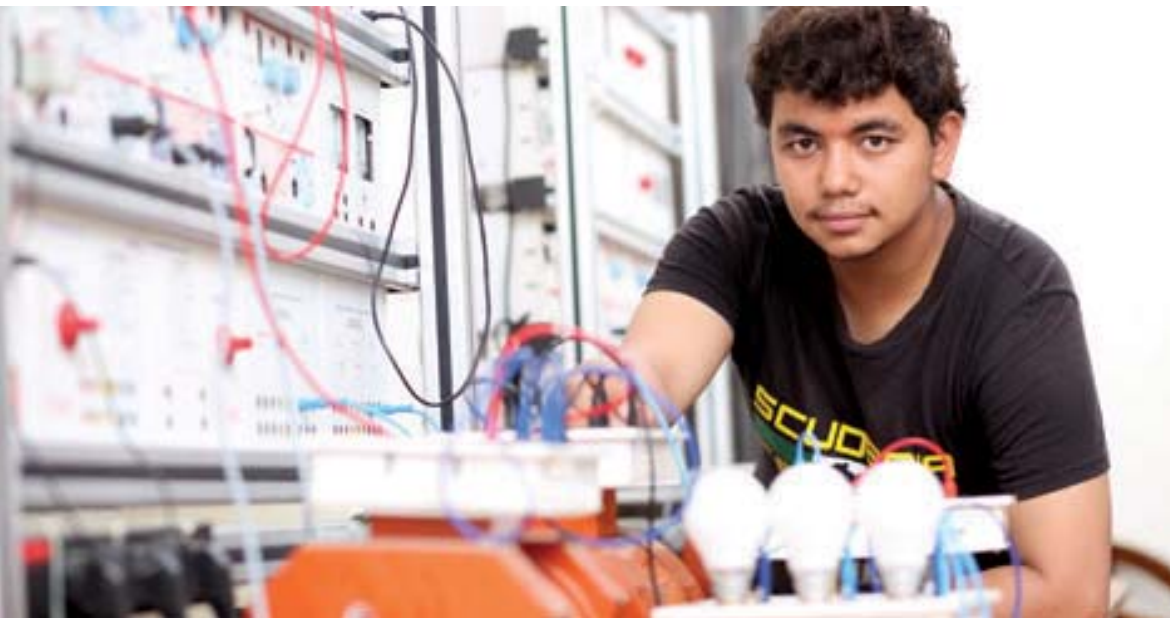# ELECTRONICS, COMMUNICATION AND INFORMATION
ENGINEERING

Electronics, Communication and Information Engineering helps you understand the entire stack of modern networked computers, from the design and architecture of the CPU in a smart-phone, to the information theory and wireless protocols connecting it to the internet, and the operating systems and databases providing back-end support in the cloud.

With Electronics, Communication and Information Engineering program, you'll gain the technical knowledge and practical skills of computing and electronics engineering, together with a big picture view of how it all connects, preparing you for a career in cutting edge technology in industry or research.

If you've thought about building or maintaining high-tech equipment - from hand-held personal communication devices to highly specialized electronic equipment for a variety of industries - you can turn your interests into a career of your dreams.

If your career dream is to design and develop automated systems or you aim to work on Government or Education Sector, We can help you build on your natural curiosity to understand current technologies first-hand, and help develop the skills you need to succeed. With the right education, you can be prepared to pursue any of these careers in the field of Electronics, Communication and Information Engineering.

After graduation you may develop your careen in various fields such as:

- Telecommunication
- Automation and Control
- Software
- Networking
- Database
- Mobile applications
- Measurement & Instrumentation
- Government offices
- Education & Research etc.

CAREER OPTIONS

COURSE STRUCTURE
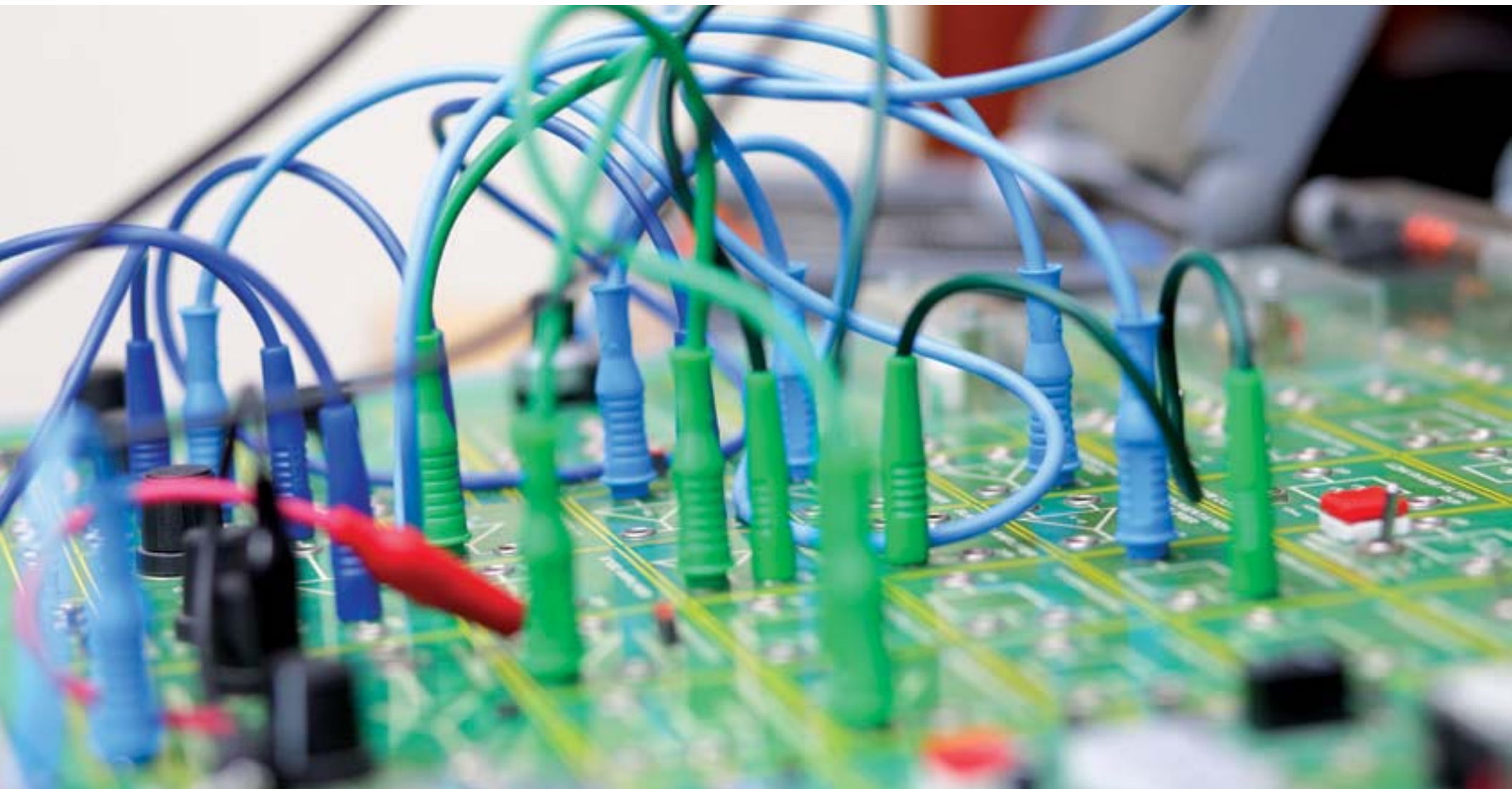
Year: I	**Part: I**	**Part: II**
	Engineering Mathematics I	Engineering Mathematics II
	Electrical Engineering Material	Microprocessor
	Electrical Engineering I	Engineering Drawing
	Computer Programming	Object Oriented Programming
	Engineering Physics	Electronic Devices and Circuits
	Digital Logic	Electrical Engineering II

Year: II	**Part: I**	**Part: II**
	Engineering Mathematics III	Applied Mathematics
	Computer Graphics	Operating Systems
	Theory of Computation	Data Structure and Algorithm
	Control Systems	Engineering Chemistry
	Probability and Statistics	Information Theory and Systems
	Electrimagnetics	Digital System Design
	Instrumentation	Numerical Methods

Year: III	**Part: I**	**Part: II**
	Data Communications	Engineering Economics
	Object Oriented Software Engineering	RF and Microwave Engineering
	Computer Organization and Architecture	Artificial Intelligence
	Advanced Electronics	Propagation and Antenna
	Computer Network	Enbedded Systems
	Communication Systems	Internet and Intranet
	Digital Signal Analysis and Processing	Database Management Systems

Year: IV	**Part: I**	**Part: II**
	Telecommunications	Wireless Communications
	Project Management	Simulation and Modeling
	Distributed System	Machine Learning
	Organization and Management	Professional Practice
	Energy, Environment and Society	Elective II
	Elective I	Elective III
	Project part A	Project Part B