Syscom Innovation Development Centre

- Established in collaboration with Syscom Morphi Group, French Organization
- Develop the skill for the design and development of smart card operating system
- Innovative, tailor made system solutions on SIM card technology
- Delivering secure solutions for the mobile and telecom sector
- Provide learning platform to develop innovative biometric technologies
- Expert trainer from Syscom and Internship opportunity for all students
- Placement of successful students in companies engaging in similar domain including Syscom Morphi

SMC Pneumatics Centre

- Established in collaboration with world’s leading manufacturer of Pneumatics components - SMC Pneumatics India
- To develop automation skill to harness the wide employment opportunities in Automobile, Pharmaceutical and Manufacturing sector
- Unique opportunity for learning pneumatic technology at Institute level.
- International level training facilities-Theory sessions, live demonstration through manipulators & cut sections, hands-on practice, CAD simulation based learning, project-based learning
- Comprehensive learning of pneumatic based automation through different modules- Pneumatics, Electro pneumatics and Integrated PLC-Pneumatics
- Opportunity to work on Government funded projects

Software Testing Centre

- Collaboration with 'Indian Testing Board' (ITB) & 'School of Applied Learning in Testing' (SALT)
- Trainings, Certifications & Internships
- Dedicated to develop skill-set building by expert certified trainers in the area of Software Testing & API Testing
- Focus for International Certifications
- Building skills in new Test Methodologies, Test Processes & Management, Test Metrics & KPIs Definition, Agile Testing etc
- Update and Build Technical Skills in current tools, technologies, frameworks and domains
- Recognized collaboration with IT Companies for excellent Job Opportunities and Placements
iOS App Development Centre

- Collaboration with Apple University Program and access to the intended software, tutorials and expert advice
- Skill set building by expert trainers in Apps Development including the technologies like Objective-C, Swift, OOAD, Database concepts, SQLite and Integration of services like Facebook, Twitter etc.
- Provide the real life exposure to work on the Xcode framework for design and deploy the quality apps on Apple Store
- Providing one stop solution for designing, developing, testing and deploying the new ideas in the form of hybrid and native mobile App’s
- Excellent opportunities for getting paid internship and placement in the reputed companies

Rockwell Automation Centre

- Competency Centre in Automation Technologies in Collaboration with Rockwell Automation, USA
- The Centre aims to provide training and workshop to fulfill requirements of automation sector
- Working sessions on PLC, HMI & SCADA Control
- Advanced level automation skill building including Servo motors, Variable frequency drive along with redundancy control
- Hands-on Training & Research projects on industrial problems.
- Summer and Winter internship (with live projects) and employment opportunities for certified students in process plants such as Power, Oil & Refinery, Food, Pulp & Paper, Textile, Chemical, Automobile, Fertilizers and many more

NI Innovation Centre & LabVIEW Academy

- Certified National Instrument LabVIEW academy for Trainings, Certifications, Hardware Development, Internships and Job Opportunities
- Focusing for International Certifications like Certified LabVIEW Associate Developer (CLAD), Certified LabVIEW Developer (CLD) and Certified LabVIEW Architect (CLA)
- Building Industrial Skills assimilating National Instruments hardware (myRIO, myDAQ, WSN, ELELVIS Board, Smart Camera, Robotic Starter Kit, Mechatronics Kits etc)
- Imparting Technical Skills in the field of Embedded Systems, Programmatic Measurement and Control, Mechatronics, Robotics, High-Speed I/O Systems, Distributed Wireless Monitoring and Communication
- Recognized collaboration with LabVIEW based Companies for excellent Job Opportunities and Placements
- Dedicated to develop skill set building by CLAD certified trainer
Embedded System and Robotics Centre

- e-Yantra Lab is supported by e-Yantra Lab setup initiative (eLSI) –IIT Bombay and is funded by MHRD under National Mission on Education through ICT (NMEICT)
- Meant for training students in the booming use of Robotics in consumer products, smart city projects, Internet of Things, automation in small scale industries etc.
- Skill set development on Firebird V robotic platform (AVR/ARM7 microcontrollers based); AVR studio, bootloader, AVR Dude (STK 500 interfacing etc.) for programming the Bot
- Interfacing RFID, accelerometers, zigbee modules for Wi-Fi connectivity aiming at implementation of new artificial intelligence based automation/robotics ideas
- Mentoring students for various competitions e-Yantra Robotics Competition, e-Yantra Ideas Competition, IITB ; robot challenge, BotBash (NASA, USA), robot racing etc.
- Opportunities of summer internships in IIT Bombay & viable placement opportunities in embedded systems design

Android App Development Centre

- Provide a platform for learners to design, develop, test and deploy the apps by using Android Studio in the on demand area of Android mobile Application Development
- A well equipped lab, where trainees can implement their innovative ideas for Micro Scale businesses, companies and Society
- Skill set building by expert trainers in Android Studio, Gradle, Materiel Design, ADT (Android Debug Bridge), Memory leaks, JSON & various UI components
- Building and shaping the skills in current tool, technologies, frameworks, Java/J2EE/J2ME, OOP design and coding, HTML5, AIML, XML, AJAX, Google Map kit, Android Studio etc
- Recognized collaboration with IT Companies for excellent internship and placement opportunities

Mobility Innovation Development Centre

- Development through Integrated Product Lifecycle Management (iPLM)
- Implementation through Agile practices with Multi-platform experience
- Exposure to Automation Testing Tools like Selenium, IBM Rational Enterprise Suite, EggPlant, QTP
- Research opportunities in the area of Testing & Mobility
- Excellent Opportunities of internship & placement in reputed companies including R Systems Int'l

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