SKILL LAB

#	Program	I Year	II Year	III Year
1	Arti1ficial Intelligence & Machine Learning	Data Visualization Tools	Networking & UX Design	
2	Aerospace Engineering	Basic Fabrication and service	Aerospace Design & Modelling Lab	
3	Biotechnology	Water Testing & Skill Based Lab	Industrial Biotechnology	
4	Computer Science & Engineering(CD)	IT Essentials(IT Skills For All)	Networking Essentials	1. Cloud Computing 2. Full Stack Development 3. Blockchain Technologies 4. AR and VR
5	Chemical Engineering	Basic Skills of engineering	Sewage Treatment Plant	
6	Computer Science & Engineering	IT Essentials(IT Skills For All)	Networking Essentials	1. Cloud Computing 2. Full Stack Development 3. Blockchain Technologies 4. AR and VR
7	Civil Engineering	Basic Fabrication and service	Industry Based Special Skill Lab- Buliding Informaiion Modeling and Geographic information system	Industry Based Special Skill Lab- BIM, REVIT and Masonry
8	Computer Science & Engineering(CY)	IT Essentials(IT Skills For All)	Networking Essentials	1. Cloud Computing 2. Full Stack Development 3. Blockchain Technologies 4. AR and VR
9	Electronics & Communication Engineering	Basic Hardware and Service	Design and development of Printed circuit Boards	1.RF Communication, 2.Distribution control system, 3.Desktop Servicing 4.EDA Tool Development

SKILL LAB

#	Program	I Year	II Year	III Year
10	Electrical & Electronics Engineering	Basic Hardware and Service	Electric Circuits and electrical Machines	1: Training on usage of licensed software tools for power system and smart grid analysis PSCAD/ETAP 2: Skill Training for renewable system wind and solar at BESCOM, Bengaluru and MEI + In house Faculty 3: Introduction to PLC and Industrial Sensors at COE, BOSCH Lab and EEE dept 4: Hands on training PSIM /MATLAB/Simulink for power electronics circuits 5: Training on Smart Lighting(Home Automation & on UAV Fundamentals 6: Training at COE at RVCE
11	Electronics & Instrumentation	Basic Hardware and Service	PCB Design and Testing	"Concepts of Designing and Fabrication Of Smart Robot Systems
12	Electronics & Telecommunication Engineering	Basic Hardware and Service	PCB Design and Testing	1.RF subsystem Design using CAD tools. 2.Design and implementation communication system prototypes using SDR kits and associated tools.
13	Industrial Engineering & Management	Basic Fabrication and service	Advanced Machining Practice. Strength of Materials. CAD and 3D Printing. Facilities Planning and Design Ergonomics Laboratory	1.Volvo Process Lab 2.Research Skill. 3.Discrete event Simulation. Advanced Robotics
14	Information Science & Engineering	IT Essentials	Advances and computing Hardware Multi -core Processors	

SKILL LAB

#	Program	I Year	II Year	III Year
15	Mechanical Engineering	Basic Fabrication and service	1.FANUC: center for Automation & Robotics (RV-CAR) 2.BOSCH REXROTH- Center for Hydraulics & Pneumatics 3.RV-Mercedes Benz- center for Automotive Mechatronics 4.MG-RVCE Center for Excellence in elective Vehicle Technology. 5.DASSAULT systems- CATIA 6.ENDER- COMSOL MULTI PHYCIS (3D Printing) 7.TOYOTA Centre of excellence 8.RV Volvo Process Room	