Job Oriented Skill Building Summer Internships Courses
(With Hands-On experience on real hardware platform)

Course#1: Electronics Design and Prototyping Course Eligibility: Diploma/ B. Tech/ B. Sc/ BCA. (All Years & Branches) Duration: 2 Months (Starting w.e.f. 1st June, 2022) Fee: 2000/- Outcome-Clarity about fundamentals of STEM Electronics. Design and Build 75 electronic projects using various electronics components and mechanical accessories and breadboard from ideation to prototyping stage including circuit building and simulation in virtual labs.	
Course#2: Arduino Design and Prototyping Course Eligibility: Diploma/ B. Tech/ B. Sc/ BCA. (All Years & Branches) Duration: 2 Months (Starting w.e.f. 1st June, 2022) Fee: 2000/- Outcome-Generate primary and secondary colors using Arduino development board, Basic Components and Breadboard from ideation to prototyping stage including circuit building, simulation, visual block coding in virtual labs.	
Course#3: Robotics Design and Prototyping Course Eligibility: Diploma/ B. Tech/ B. Sc/ BCA. (All Years & Branches) Duration: 2 Months (Starting w.e.f. 1st June, 2022) Fee: 2000/- Outcome-Build 10 real-time Robots and Remotes, in a one of its kind, arrangement using basic Components, Sensors, Inputs, Outputs, Wires, Connectors, Electrical and Mechanical accessories & Breadboard from ideation to prototyping stage including circuit building, simulation in virtual labs.	
Course#4: Basic Fundamental Design and Prototyping Couse Eligibility: Diploma/ B. Tech/ B. Sc/ BCA. (All Years & Branches) Duration: 2 Months (Starting w.e.f. 1st June, 2022) Fee: 2000/- Outcome-Understanding lifecycle of product development from design to prototyping including circuit building, simulation, coding using proteus software in virtual labs. Basic project based learning in Embedded, Communications, Robotics, IoT, Electrical, Power Electronics and build working virtual/hardware prototypes.	
Course#5: Advanced Fundamental Design and Prototyping Course Eligibility: Diploma/ B. Tech/ B. Sc/ BCA. (All Years & Branches) Duration: 2 Months (Starting w.e.f. 1st June, 2022) Fee: 2000/- Outcome-Advanced project based learning in Embedded, Communications, Robotics, IoT, Electrical, Power Electronics and build working virtual/hardware prototypes.	

Registration Link: https://ieiuksc.org/contact

Name of Bank Account: Uttaranchal State Centre, The Institution of Engineers (India)
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