FOUNDATION OF ROBOTICS AND PRODUCT INNOVATION

STAGE 2 & STAGE 3 (6 MONTHS)

SESSION	FOUNDATION OF ROBOTICS – STAGE 2	PRODUCT INNOVATION – STAGE 3
SESSION 1	Introduction to Arduino	Identify User's Need
SESSION 2	Basic Electronic and Circuits	Define Problem
SESSION 3	Introduction to Arduino IDE & Interfacing with Computer	Ideation
SESSION 4	Introduction to Embedded Learner Board	Gathering Components
SESSION 5	Introduction to Programming	Preparation
SESSION 6	Introduction to Sensors	Prototyping Session 1
SESSION 7	LOOPS	Prototyping Session 2
SESSION 8	Introduction to Serial Monitor & Debugging	Prototyping Session 3
SESSION 9	Embedded Learners Board Activity 1	Testing 1
SESSION 10	Embedded Learners Board Activity 2	Testing 2
SESSION 11	Embedded Learners Board Activity 3	Final Evaluation
SESSION 12	What's Next	Planning Future Prospects