

#	Project Title	Covers (Courses)	Focus
1	Line-Following Robot	Courses 1–2	Assemble chassis, wire motors & sensors, program basic movement.
2	Obstacle-Avoidance Bot	Courses 3–4	Add ultrasonic sensors, control servos, improve navigation logic.
3	Bluetooth-Controlled Car	Courses 5–6	Integrate wireless module, create remote-control interface.
4	Autonomous Delivery Robot	Courses 7–8	Add mapping/path-planning, power management & safety features.
5	Capstone: Multi-Function Robot	Courses 9–10	Combine sensors, actuators & AI for a full autonomous system.