

SYLLABUS (2026-2027)

CLASS - 1

SUBJECT - ROBOTICS

SEMESTER - 1

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (1 st Page)	-

BLOCK EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (1 st Page)	-
	1	REMOTE CONTROLLED CAR	(1-6)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SEMESTER - 2

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (2 nd Page)	-

BLOCK EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (2 nd Page)	-
	2	AUTOMATIC SCRUBBER	(7-11)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SYLLABUS (2026-2027)

CLASS - 2

SUBJECT - ROBOTICS

SEMESTER - 1

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (Android Device to Pump Motor)	-

BLOCK EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (Android Device to Pump Motor)	-
	1	RC CAR WITH HEADLIGHTS	(1-6)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SEMESTER - 2

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (Ultrasonic Sensor to Qbrick)	-

BLOCK EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index (Ultrasonic Sensor to Qbrick)	-
	2	SMART TAP	(7-11)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SYLLABUS (2026-2027)

CLASS - 3

SUBJECT - ROBOTICS

SEMESTER - 1

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index	-
	1	UNI-LIGHT FOLLOWER	(2-7)

BLOCK EXAM	LESSON	TOPIC	PAGE NO.
	1	UNI-LIGHT FOLLOWER	(2-7)
	2	BASKETBALL COUNTER	(8-12)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SEMESTER - 2

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	3	OBSTACLE AVOIDER	(14-19)

BLOCK EXAM	LESSON	TOPIC	PAGE NO.
	3	OBSTACLE AVOIDER	(14-19)
	4	DOOR ALARM	(20-24)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SYLLABUS (2026-2027)

CLASS - 4

SUBJECT - ROBOTICS

SEMESTER - 1

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index	-
	1	RC CAR WITH HEADLIGHTS (Only Building)	(1-8)

BLOCK EXAM (Building + Coding for Projects)	LESSON	TOPIC	PAGE NO.
	1	RC CAR WITH HEADLIGHTS	(1-8)
	2	AUTOMATIC STREETLIGHT	(9-14)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SEMESTER - 2

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	3	AUTOMATIC DOORBELL (Only Building)	(15-20)

BLOCK EXAM (Building + Coding for Projects)	LESSON	TOPIC	PAGE NO.
	3	AUTOMATIC DOORBELL	(15-20)
	4	VOICE CONTROLLED RGB	(21-27)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SYLLABUS (2026-2027)

CLASS - 5

SUBJECT - ROBOTICS

SEMESTER - 1

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	-	Component Index	-
	1	SMART TAP (Only Building)	(2-8)

BLOCK EXAM (Building + Coding for Projects)	LESSON	TOPIC	PAGE NO.
	1	SMART TAP	(2-8)
	2	SMART GOGGLES	(10-16)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK

SEMESTER - 2

UNIT EXAM	LESSON	TOPIC	PAGE NO.
	3	OBSTACLE AVOIDER (Only Building)	(18-25)

BLOCK EXAM (Building + Coding for Projects)	LESSON	TOPIC	PAGE NO.
	3	OBSTACLE AVOIDER	(18-25)
	4	AUTOMATIC DOOR WITH PASSWORD	(26-32)

Unit Exam - 20 Marks

Block Exam - 80 Marks (30 for Practical + 50 for Theory)

FOLLOW THE CLASSWORK