Robot chassis kit: Rs.700

<https://www.amazon.in/ApTechDeals-Wheel-Chassis-Encoder-Arduino/dp/B07T28SYW5/ref=sr_1_8?keywords=robot+chassis&qid=1572457639&sr=8-8>

Arduino UNO: Rs 440

<https://www.amazon.in/Uno-ATmega328P-Compatible-ATMEGA16U2-Arduino/dp/B015C7SC5U/ref=pd_sbs_328_1/260-7028287-8432607?_encoding=UTF8&pd_rd_i=B015C7SC5U&pd_rd_r=6a2b4091-7e3b-4420-9910-6ae94add4ba4&pd_rd_w=7bVyf&pd_rd_wg=GG7KI&pf_rd_p=fbf43daf-8fb3-47b5-9deb-ae9cce3969a9&pf_rd_r=Y2N7NPH63JSM8VX5FK1M&psc=1&refRID=Y2N7NPH63JSM8VX5FK1M>

Motor driver L298D: Rs 142

<https://www.amazon.in/Robodo-Electronics-Motor-Driver-Module/dp/B00N4KWYDE/ref=sr_1_3?keywords=motor+driver+l293d&qid=1572459401&sr=8-3>

Bluetooth module HC-05: Rs 255

<https://www.amazon.in/DIY-Retails-Bluetooth-Transceiver-Outputs/dp/B019OR9YVU/ref=sr_1_2?keywords=bluetooth+module+hc05+for+arduino&qid=1572460715&sr=8-2>

Male to female jumper wires: Rs 90

<https://www.amazon.in/Geeks-Makerspace-Jumper-Female-Piece/dp/B07VGY9KGT/ref=sr_1_9?crid=16J3CHUX602NF&keywords=male+to+female+jumper+wires&qid=1572464288&sprefix=male+to+%2Caps%2C368&sr=8-9>

Male to male jumper wires: Rs 80

<https://www.amazon.in/Geeks-Makerspace-Jumper-Wire-Piece/dp/B07STJKPNQ/ref=sr_1_6?crid=1HTDOJC2RDA0N&keywords=male+to+male+jumper+wires+10+pieces&qid=1572464538&sprefix=male+to+male+jumper+wires+%2Caps%2C744&sr=8-6>

Ultrasound sensor and servo motor: Rs 250

<https://www.amazon.in/Robotbanao-SG90-Servo-Motor-Ultrasonic/dp/B07KYWRQNH/ref=sr_1_14?crid=2K8RVHDDKIQAT&keywords=servo+motor+for+arduino&qid=1572464954&sprefix=servo%2Caps%2C369&sr=8-14>

9V batteries and battery connectors and photoresistor and LEDs: Rs 100

**BOM for IOT Project**

Group 6(EAC)

Topic: Bluetooth controlled smart robot car

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| --- | --- | --- |
| **S No.** | **Item** | **Price(Rs.)** |
| 1 | Arduino UNO R3+ Cable | 440 |
| 2 | Bluetooth Module HC-05 | 255 |
| 3 | Robot chassis kit(4 wheels+4 6V motor drivers+ slate+ battery holder) | 699 |
| 4 | Motor Driver L298D | 142 |
| 5 | Ultrasound sensor+ Servo motor | 250 |
| 6 | Jumper wires(male to male-10, male to female-20) | 168 |
| 7 | 9V batteries+ Battery connector+ Photoresistor+ 2 LEDs | Under 100 |
|  | **SUM** | **2054** |

**NOTE:** All items are bought from Amazon.in