

Walchand College of Engineering, Sangli

Date:

To,
Dr. S. D. Ruikar,
HOD Electronics,
WCE, Sangli

Subject: Request For Electronics Components For Mini Project -2

Respected Sir,

I am writing to request for electronics components required to build the Dynamic wireless charging system. Below is the breakdown of the components required:

Component	Unit
Arduino Uno (with Cable)	2
12V Transformer(step up)	1
16X2 LCD	1
Enamelled Copper wire (0.4-0.6mm)	1 (20 meter)
Voltage sensor module 25V	1
12V power adapter	1
Dual shaft BO motor with wheels	4
Rechargeable Li-ion cell 3.7V	2
Solar panel (12V)	1
Transistor(2N2222A)	10
Resister 27k	10
battery 12V	1
Led(red,green)	4(2 each)
Battery holder with wire 18650X2 (9V)	1
switch	2
4 channel relay	1
Ultrasonic sensor	2

Sincerely,

Tushar Gajbhiye 21410023(TY ELN) (7666541663)
Abhishek Sadale 21410025(TY ELN) (8624093162)
Vaibhav Lonkar 21410027(TY ELN) (9284965676)

Project Guide
Dr. S. D. Ruikar Sir