



## **NTPC-MAITI BARKAGAON PRIVATE INDUSTRIAL TRAINING INSTITUTE**

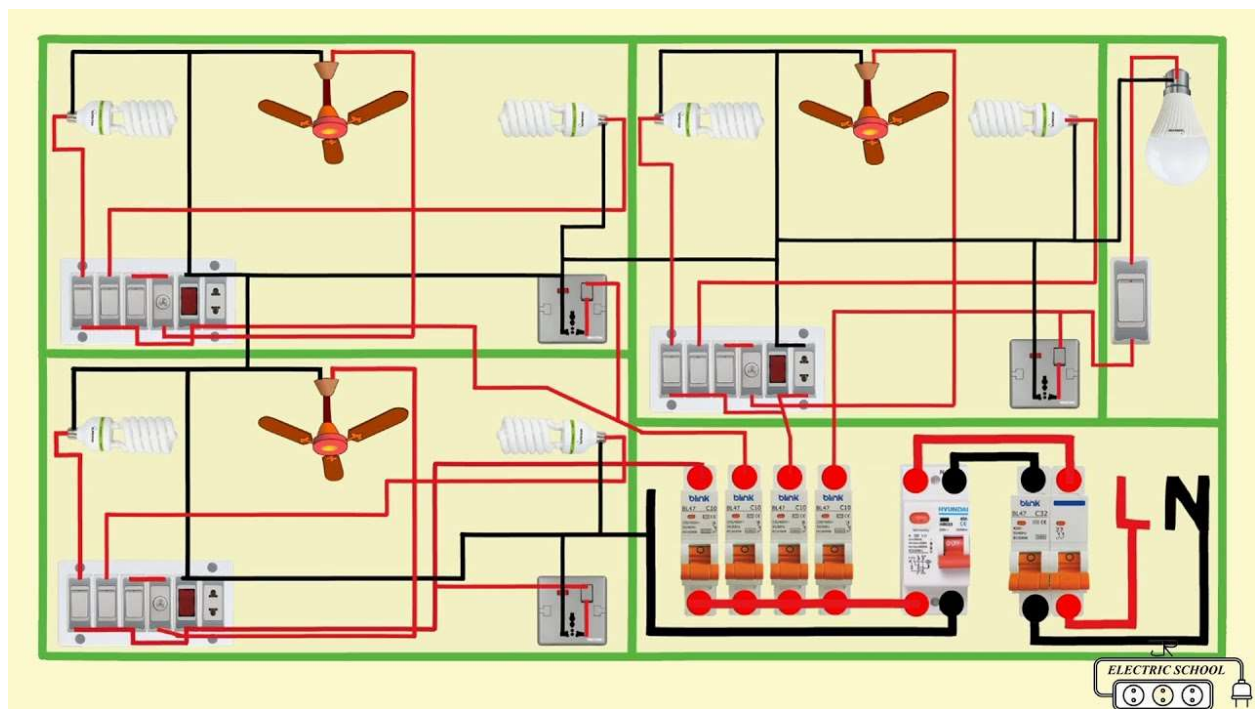
BARKAGAON, HAZARIBAGH

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Run & Managed by

*"Jharkhand Government Mini Tool Room & Training Centre, Ranchi  
Tatisilwai Industrial Area, Plot No: 38, Phase-I, Ranchi-835103"*

### **Training course –Electrical House Wiring**



### **Content/Syllabus:-**

1. I.E Rules on Electrical Wiring-Theory (02hr)
2. Introduction to National Electrical code 2011-Theory (02hr)
3. PVC conduit and casing capping Wiring system-Theory (03hr)
4. Draw layouts &Practice in PVC casing capping conduit wiring with minimum To more number of point-Practical (15hr)

5. Different type of wiring – power, control communication & Entertainment wiring-Theory (03hr)
6. Wire up PVC conduit wiring to control one lamp ,Fan two difference place-Practical (05hr)
7. Wire up PVC conduit wiring to control one lamp fan three difference place-Practical (10hr)
8. Wiring circuit planning & permissible load in sub –circuit & main circuit-Theory (5hr)
9. Wire up PVC conduit wiring & practice control of socket & lamps in difference combination using switching control-Practical (10hr)
10. Wire up the consumer main board with ICDP switch & distribution fuse box (02hr)
11. Special wiring circuit Eg-godown , tunnel & workshop-Practical (02hr)
12. Make simple Twist ,Married, tee & western, union joint-Practical (10hr)
13. Practice in soldering of joint-Practical (05hr)