

Some innovative group assignments and modified teaching methods

Some innovative technical task is also provided to students which they can perform as a group work or group assignment from which they get something better view and conceptual learning than simply book reading and classroom teaching.

(As an example, Final year Electrical Engineering students are given a task to make **entire single line diagram of institute from main incomer to their classroom**. From which they can identify various Electrical apparatus and equipments used at HT & LT side as well as distribution system, PCC, MCC, DG, interlocking phenomena in between DG & MSEB breakers. This innovative group assignment task is provided to Final year Electrical Engineering students for subject 'Design Management & Audit of Electrical Systems'

Some necessary documents and photographs for this are as under,



Near 11kV incomer 2 pole structure



SHOT ON MI A2
MI DUAL CAMERA



SHOT ON MI A2
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Near MSEDCL metering panel explaining students about Electricity billing, maximum demand, Energy meter, power factor etc.



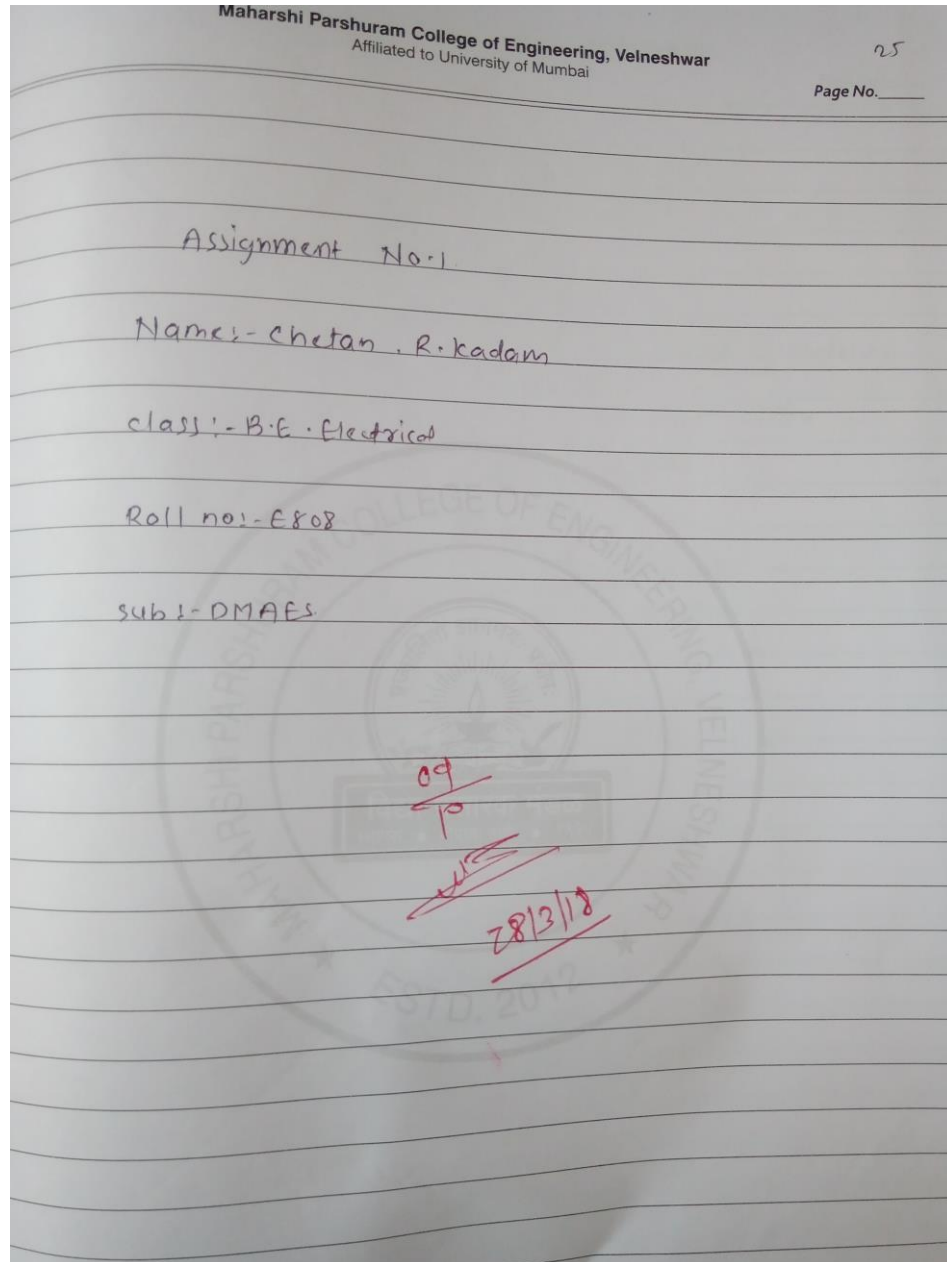
Near institute substation transformer

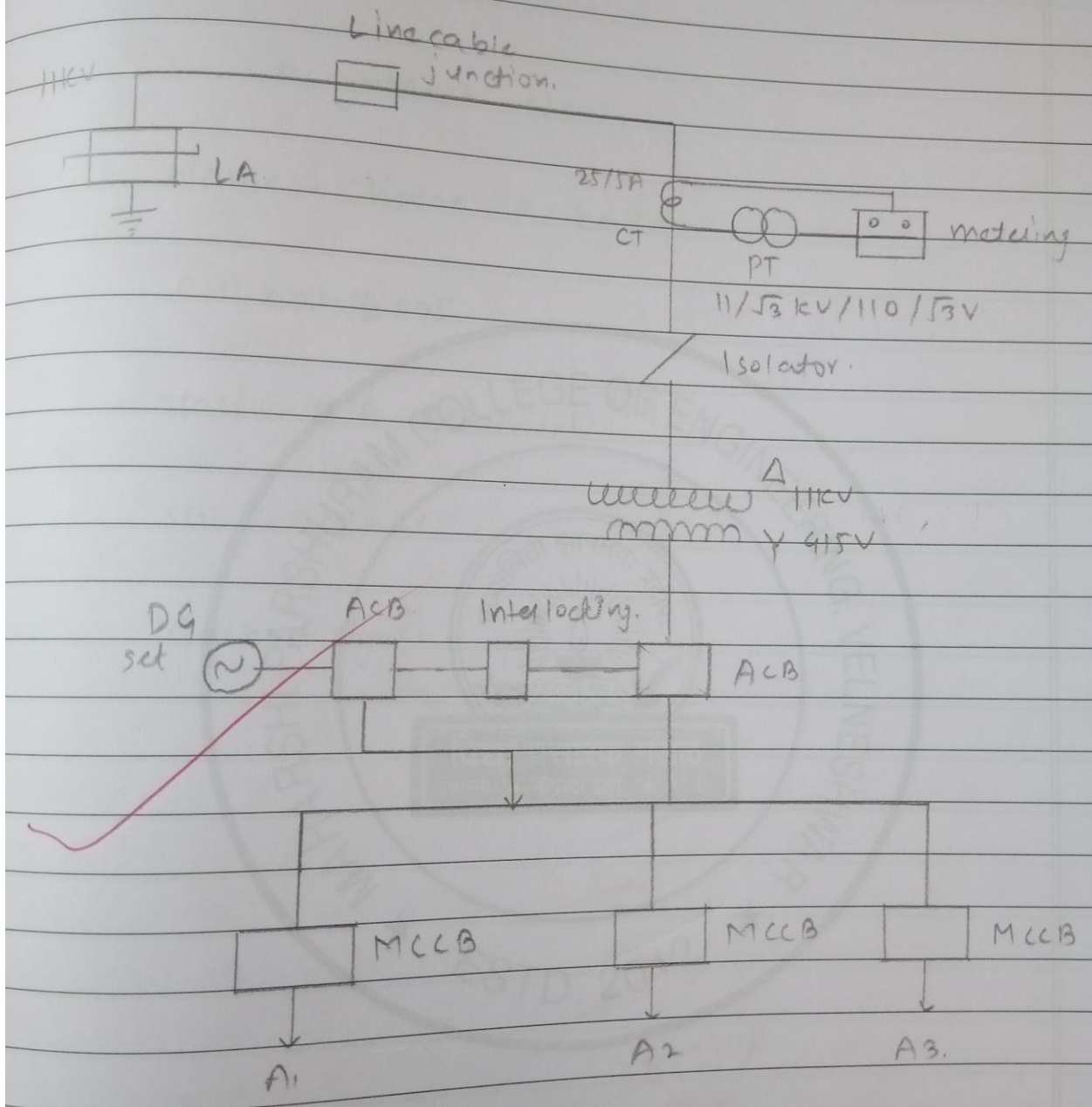




Near main Power control center.

After watching all these points on actual field, students can easily make single line diagram of our institute campus which is technically very important task as an Industrial Engineer. One such assignment where student has drawn Single line diagram is attached herewith.





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