

Diary

Student Details

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PS Instructor: NOEL PRASHANT RATCHAGAR

Week: 25/05/20 to 1/06/20

Plan for the Week: (what was your plan for this week in terms of learning and project objectives)

1. Prepare a presentation on history and need of surgical lights and different technologies used in them and imaging in OT lights.
2. Learn about various features of surgical lights used in the market and history about them.
3. Compare LED vs incandescent(conventional) bulbs and see which is better.

Learning Outcomes of the Week

About the PS 1 Station

1. Insights into Eclipse Instrumentation structure, strategy, skills, shared values, systems, staff and styles have taught me the characteristic traits of a successful organization.
2. They work in domains of Cautery, Vessel Sealing Generator, Bipolar Saline Generator, and LED OT lights.
3. They work in four domains-Eclipse Instrumentation,Matrix Medical,Prism Surgicare,Surgikare India.

About the Project Domain

1. History of surgical lights
2. Need for surgical lights
3. Different technologies used in surgical lights
4. Which ones are better? and why?
5. Imaging in OT lights

Skills Gained (Technical as well as soft skills)

1. Microsoft Powerpoint
2. Ability to extract relevant information from vast information available online as well as material given by mentor.
3. Microsoft Excel for collecting valuable data.

Major Learning & Project Milestones

1. Corporate presentations are highly content and data driven, much more than the ones we make as course requirements in our college.
2. Understood the reason why LED bulbs are mostly used in all surgical lights as they produce more output for same amount of input. Therefore their efficiency is high.

Major Challenges

1. Finding recent and credible sources of information from vast resources available online..
2. Doing project with virtual interaction with mentors and teammates was a bit challenging.
3. Getting feedback from mentor online was a bit more challenging task.

Work Plan for Next Week

I am not aware of the future plan of my mentor . However, I presume we will get the actual project by Research and Development Team of Eclipse Instrumentation which will help in enhancing our skills and knowledge and will learn the feature of the software which will be used in the project.