### 1.4 b 6) DESCRIPTION OF CONTEXT WITH WHICH PEOS ARE DESIGNED

**Context of Vision, Mission and PEOs:**

With the constantly evolving nature of technology, businesses and organizations need trained individuals to keep their electronics and communicaton systems current and efficient. Diploma Engineering students have following skills:

1. Maintain Computer systems.
2. Maintain Mobile systems.
3. Maintain house hold electronics equipments.
4. Maintain television systems
5. Installing and maintainng computer networking system
6. Maintaining communication systems.
7. Developing , fabricating and debugging PCB designs
8. Developing and debugging electronics circuits as per the application.
9. Deveople solutions using embedded systems
10. They can work as a maintenance Engineer
11. They can work as a network maintenance Engineer
12. They can work as Project manager
13. They can work as communication engineer

Upon completion of a Diploma program in electonics and communciation engineering, students are free to progress to bachelor's program in electronics and communcation engineering.

Overall, a bachelor's degree in electronics and communcation engineering teaches students skills such as designing and developing electronics and communication applications for problems preparing them for careers as communciation engineer, system engineer, and design engineer. Upon completion, students will also have the option to further their education in master's and doctoral degree programs, which are more research intensive and more centered on specific concentrations.

Master's degree programs are typically designed for working professionals looking to specialize their skills and advance in their careers. Concentration options at this level may include network security, computer systems, communciation, analoge electronics, antenna technologies and embedded technologies. Ph.D. programs are typically based more heavily in research and commonly culminate in the completion of a dissertation.