Learning Outcome

Department of Computer Science

Computer Science Graduates will be able to:

1. **Fundamental Knowledge**: Apply the knowledge of mathematics and science to the solution of different computing problems.

2. **Problem Analysis and Solution Design**: Identify and analyze   a problem; design solutions for problems and design system components and processes that meets desired requirements.

3. **Complex Problem Investigation:** Implement research-based knowledge and methods to analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

4. **Modern Tool Usage:** Select and apply a wide range of IT tools to evaluate a computer-based system, and use a variety of relevant information sources for sustainable development.

5. **Teamwork:** Work effectively as part of a team to develop and deliver quality product.

6. **Communication:** Effectively communicate technical concepts in oral and written form; give and receive clear instructions.

7. **Moral and Ethical Awareness:** Understand the social and ethical implications of working as a professional in the field of computer science and evaluate its impact on individuals, organizations, and global society.

8. **Life-Long Learning:** Explore the technological change, founded on a commitment to lifelong learning and professional development.