



KEMENTERIAN PENDIDIKAN TINGGI



DIPLOMA IN CIVIL ENGINEERING (DKA)

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

1. Integrate civil engineering principles and develop critical thinking to solve problem in design works and technically competent in engineering fields.
2. Display practical skills and communicate effectively in global work environment.
3. Possess in lifelong learning, social responsibilities, entrepreneurship.
4. Build leadership and teamwork skills, right altitude and professional ethics.

PROGRAMME LEARNING OUTCOMES (PLO)

The Diploma in Civil Engineering Programme shall produced semi professionals who are

1. Apply technical, mathematics, science and humanities knowledge using appropriate civil engineering problems for individual personality development
2. Solve systematically well defined civil engineering problems using appropriate method and technique
3. Conduct investigation of well defined civil engineering problems
4. Assist in designing solution for well defined civil engineering problems with appropriate consideration for public safety, health and environment
5. Demonstrate practical skills in utilizing civil engineering tools, equipment and machinery
6. Communicate effectively with colleague communities and industries
7. Demonstrate awareness for society, safety, environment and cultural issues and the consequent responsibilities of sustainable development
8. Work independently in acquisition of new knowledge and skills and recognized the need for professional development and information system
9. Demonstrate awareness in entrepreneurial skills
10. Demonstrate understanding of professional ethics and responsibilities to the society
11. Function effectively as individual and teams with capability to be a leader.