



Knowledge (K)



Skills (S)



Ethics (E)



Character (C)

15 PLOs

Original 2023 Curriculum PLOs

- PLO1** K1 Explain SciMath
- PLO2** K2 Integrated SciMath
- PLO3** S1 Perform SciMath, Safety
- PLO4** S2 Select SciMath Tools
- PLO5** S3 Use language
- PLO6** S4 Analyze Synthesis
- PLO7** S5 Scientific Thinking
- PLO8** S6 Digital Tech
- PLO9** E1 Honesty
- PLO10** E2 Public mind
- PLO11** E3 Professional Ethics
- PLO12** C1 Sustain, Responsibility
- PLO13** C2 Communication
- PLO14** C3 Collaborative, Team work
- PLO15** C4 Logic, solve, sci. attitude

9 PLOs

Revised 2023 Curriculum PLOs

- PLO1** K1 Explain SciMath
- PLO2** S1 Work safety standard
- PLO3** S2 Use Equipment/Tools
- PLO4** S3 English communication
- PLO5** S4 Analyze data
- PLO6** S5 Experimental design
- PLO7** E1 Laws/Regulations
- PLO8** C1 Communication/present
- PLO9** C2 Work effectively

9 PLOs

Revised 2027 Curriculum PLOs

- PLO1** K1 Accurate Explain SciMath in BEB Y1-2
- PLO2** K2 Analyze data to solve prob.in BEB Y3-4
- PLO3** K3 Plan operation process in BEB Y3-4
- PLO4** S1 Use advanced analytical equipment / Tools in BEB process Y2-4
- PLO5** S2 Write academic report in BEB Y1-4
- PLO6** S3 Use Thai/English to search info. Y1-4
- PLO7** S4 Communicate/present in Thai/Eng Y3-4
- PLO9** E1 Comply professional ethics in SciTech, safety rules/regulations Y1-4
- PLO8** C1 Team work effectively Y1-4

Specific Learning Outcomes

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