

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

PEO1

Physicists who apply knowledge and scientific skills in providing solution to science-related issues and problems in all sectors of society locally and globally.

PEO2

Physicists who apply technical, digital and leadership skills and communicate effectively in providing scientific and integrated solution when collaborating with society and stakeholders across the disciplines towards goal achievement.

PEO3

Physicists who proactively demonstrate personal skills in exploring business opportunities locally and globally.

PEO4

Physicists who practice ethics and professionalism.

AS203



PROGRAMME LEARNING OUTCOMES (PLO)

Apply fundamental knowledge and principles of physics and mathematics to address issues in physics-related activities

PL01

Evaluate issues and problems in providing solution to science-related issues for the sustainability of physics-related resources

PL02

Perform scientific research and technical skills in operating equipment and designing experiments

PL03

Perform social skills and social responsibilities in engaging with society

PL04

Demonstrate effective and good communication skills through verbal or written in delivering related information

PL05

Perform digital skills in searching and managing information as well as solving science related issues

PL06

Analyze issues and problems in providing solution to science-related issues numerically

PL07

Demonstrate effective leadership and responsibility undertaking

PL08

Demonstrate good personal skills for long-life learning

PL09

Demonstrate good entrepreneurial skills

PL010

Apply knowledge and skills ethically and professionally in performing assigned task

PL011

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