



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

UTeM

DEPARTMENT OF ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY (JTKEK)
PROGRAMME ATTAINMENT (PO) JTKEK,
SEM 1, 2021/2022
4TH YEAR STUDENT

JTKEK Academic Programme

Department of Electronics & Computer Engineering Technology (JTKEK)

1. Bachelor of Electronics Engineering Technology (Telecommunications) with Honours - BEET
2. Bachelor of Electronics Engineering Technology (Industrial Electronics) with Honours - BEEE
3. Bachelor of Computer Engineering Technology (Computer Systems) with Honours - BEEC
4. Bachelor of Electronic Engineering Technology with Honours - BEEZ

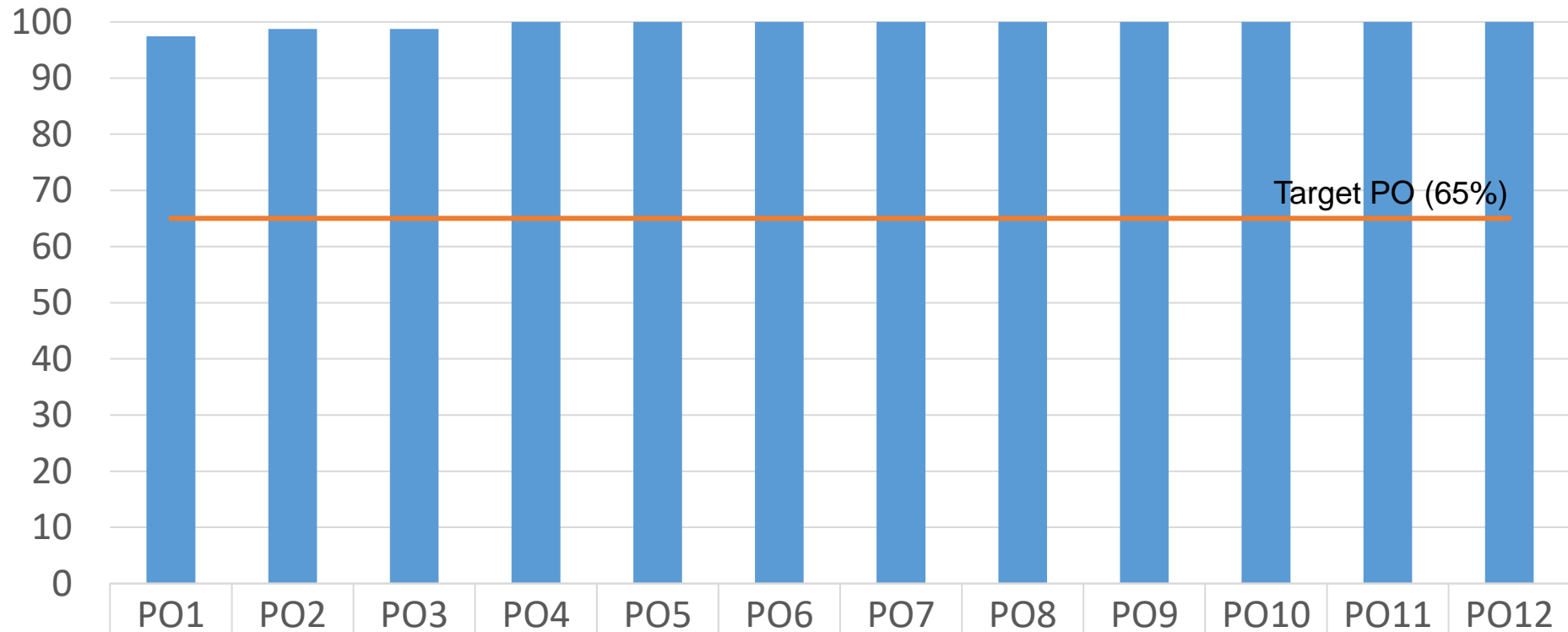


JTKEK Programmes' PO

- PO1** •Ability to apply knowledge of mathematics, science, engineering fundamentals and engineering specialisation principles to defined and applied engineering procedures, processes, systems or methodologies in the field of computer/industrial electronics/telecommunication/electronics engineering technology. **(ENGINEERING KNOWLEDGE)**
- PO2** •Ability to solve broadly-defined engineering problems systematically to reach substantiated conclusions, using tools and techniques appropriate to computer/industrial electronics/telecommunication/electronics engineering technology. **(PROBLEM ANALYSIS)**
- PO3** •Ability to design solutions for broadly-defined engineering technology problems, and to design systems, components or processes to meet specified needs with appropriate consideration for public health and safety, as well as cultural, societal, environmental and sustainability concerns. **(DESIGN/DEVELOPMENT OF SOLUTIONS)**
- PO4** •Ability to plan and conduct experimental investigations of broadly-defined problems, using data from relevant sources. **(INVESTIGATION)**
- PO5** •Ability to select and apply appropriate techniques, resources and modern engineering tools, with an understanding of their limitations. **(MODERN TOOL USAGE)**
- PO6** •Ability to demonstrate an awareness of and consideration for societal, health, safety, legal and cultural issues and their consequent responsibilities. **(THE ENGINEER AND SOCIETY)**
- PO7** •Ability to demonstrate an understanding of the impact of engineering technology practices, taking into account the need for sustainable development. **(ENVIRONMENT AND SUSTAINABILITY)**
- PO8** •Ability to demonstrate an understanding of professional ethics, responsibilities and norms of engineering technology practices. **(ETHICS)**
- PO9** •Ability to function effectively as individuals, and as members or leaders in diverse technical teams. **(INDIVIDUAL AND TEAM WORK)**
- PO10** •Ability to communicate effectively with the engineering community and society at large. **(COMMUNICATION)**
- PO11** •Ability to demonstrate an awareness of project management, business practices and entrepreneurship. **(PROJECT MANAGEMENT AND FINANCE)**
- PO12** •Ability to recognise the need for professional development and to engage in independent and lifelong learning. **(LIFE LONG LEARNING)**

PO ATTAINMENT, JTKEK, 4BEEE SEM 1, 2021/2022

PO Attainment Sem 1, 2021/22 (4BEEE)



Actual PO (%)

PO1

PO2

PO3

PO4

PO5

PO6

PO7

PO8

PO9

PO10

PO11

PO12

97

99

99

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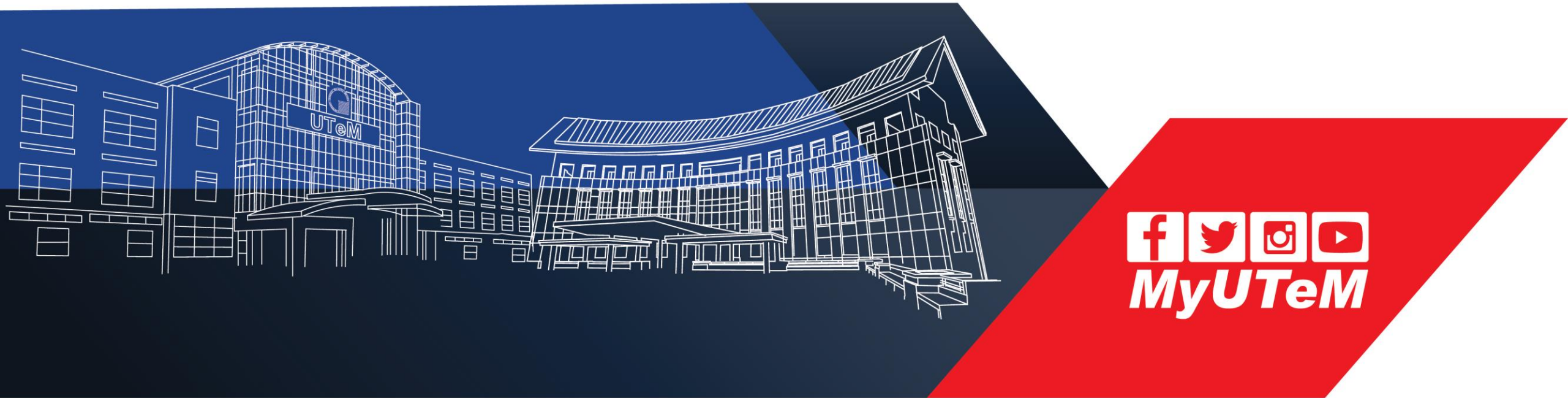
65

65

65

Target PO (65%)

Thank You



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