

DIPLOMA IN ENGINEERING TECHNOLOGY (FACILITIES & BUILDING AUTOMATION)

JPT/BPP(K)1000-600/B293 JLD3(17)(N/523/4/0222)(MQA/PA 4871)

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

Produce graduates who are able to:

- PEO 1 Demonstrate skills and knowledge particularly in areas related to building facilities and contribute to global industry demands
- PEO 2 Engage in lifelong learning and demonstrate good leadership quality through academic qualifications achievement and career advancement
- PEO 3 Responsible to the community, cultures and environment through involvement with related organizations and society
- PEO 4 Communicate effectively and demonstrate entrepreneurial skills

PROGRAM LEARNING OUTCOMES (PLO)

At the end of this programme, students will be able to:

- PLO 1 Apply knowledge of mathematics, science, engineering fundamentals and engineering specialisation principles to well – defined practical procedures and practices
- PLO 2 Analyse well-defined engineering problems in their discipline or area of specialisation
- PLO 3 Formulate solutions to well-defined technical problems
- PLO 4 Assist in formulation of systems, components or processes to meet specified needs
- PLO 5 Conduct investigations of well-defined problems
- PLO 6 Apply appropriate techniques, resources and engineering tools to well-defined engineering activities, with an awareness of their limitation
- PLO 7 Demonstrate an awareness of and consideration for societal, health, safety, legal and cultural issues and their consequent responsibilities
- PLO 8 Communicate effectively with the engineering community and society at large
- PLO 9 Function effectively in a diverse technical team
- PLO 10 Demonstrate an understanding of professional ethics, responsibilities and norms of engineering technology practices
- PLO 11 Demonstrate an awareness of management, business practices and entrepreneurship
- PLO 12 Demonstrate an understanding of the impact of engineering practices, taking into account the need for sustainable development
- PLO 13 Recognise the need for professional development and to engage in independent and

