

***PREPARATION OF INFORMATION TECHNOLOGY (IT) MASTER PLAN OF  
SMK MA'ARIF 1 METRO USING THE OPEN GROUP ARCHITECTURE  
FRAMEWORK (TOGAF) METHOD***

***ABSTRACT***

*This study aims to compile an Information Technology (IT) Master Plan for SMK Ma'arif 1 Metro using The Open Group Architecture Framework (TOGAF) method. This method is applied to design a structured and integrated information technology infrastructure to support operations and learning in schools. The results of the study indicate that the main business processes in schools, such as student registration, curriculum management, and financial administration, are still carried out manually, making them prone to errors and inefficiencies. Through TOGAF, an information system architecture is designed that includes the development of the Academic Information System (SIKAD) and other school management applications. In addition, improving network infrastructure and cybersecurity are priorities in the proposed technology architecture. Implementation strategies and change management are also formulated to ensure the success of the digital transformation. This IT Master Plan is expected to improve the efficiency of school operations and the quality of learning, as well as support the achievement of more optimal educational goals in the digital era.*

*Keywords : IT Master Plan, TOGAF, Technology Architecture, Digital Transformation, SMK Ma'arif 1 Metro*