

Advancement in ICT: Exploring Innovative Solutions (AdICT)

Series 1/2024

**ADVANCEMENT IN ICT: EXPLORING
INNOVATIVE SOLUTIONS (AdICT)
SERIES 1/2024**

Editors

**Noor Azura Zakaria
Dini Oktarina Dwi Handayani
Elin Eliana Abdul Rahim
Ahmad Fatzilah Misman**

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Preface

Advancement in ICT: Exploring Innovative Solutions (AdICT) Series 1/2024 is an e-book showcasing the collective achievements of Final Year Project (FYP) in Kulliyah of Information and Communication Technology (KICT). This compilation represents evidence to the technical passion and academic skills of our students before they venture into the professional realm.

FYP is a journey that demands creativity, critical thinking, and perseverance. This book encapsulates the diverse range of projects undertaken by our students, each a unique exploration into the vast landscape of Information and Communication Technology (ICT). From cutting-edge software applications to groundbreaking research, these projects not only demonstrate technical proficiency but also the ability to address real-world challenges.

In this comprehensive collection, the topics covered span a spectrum from cutting-edge software development, cybersecurity, artificial intelligence and multimedia technologies reflecting the breadth and depth of our academic program. This offers a curated journey through the diverse landscape of final year ICT projects to the readers while appreciating the impact these projects can have on the wider community.

This e-book carries significant benefits and impact whereby it serves as a valuable knowledge repository, offering a diverse audience—from students and educators to industry professionals—a comprehensive view of the latest innovations and technological solutions in ICT. Moreover, the book fosters a culture of knowledge sharing and collaboration, as each project represents a unique contribution to the broader technological landscape.

“When the human being dies, his deeds end except for three: ongoing charity, beneficial knowledge, or a righteous child who prays for him” – Sahih Muslim

Editors

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