EXECUTIVE PROGRAMME IN DIGITAL TRANSFORMATION AND TECHNOLOGY LEADERSHIP COURSE

Introduction

The Executive Programme in Digital Transformation and Technology Leadership is an advanced professional development programme designed to equip senior executives, ICT directors, departmental heads and organisational decision-makers with the strategic capabilities required to lead technology-enabled transformation. As organisations respond to changing customer expectations, digital competition, artificial intelligence, automation, cybersecurity threats and the growing importance of data, leaders must understand how technology can reshape business models, improve service delivery and strengthen institutional performance. This programme examines digital transformation as an organisation-wide strategic undertaking that requires leadership commitment, clear priorities, sound governance, workforce readiness and sustained investment—not simply the acquisition of new software or computer equipment. The programme explores how leaders can assess digital maturity, develop transformation roadmaps, align technology investments with institutional objectives and redesign business processes around digital capabilities. Participants examine emerging technologies, cloud platforms, artificial intelligence, automation, digital customer experiences and data-driven management. Particular attention is given to investment appraisal, organisational change, digital culture, risk management, implementation challenges and the measurement of transformation outcomes.

Course Objectives

- Explain the strategic drivers, scope and organisational implications of digital transformation.
- Assess organisational digital maturity and identify priority areas for improvement.
- Develop digital transformation strategies aligned with corporate and institutional

objectives.
- Evaluate emerging technologies and determine their suitability for organisational needs.
- Lead technology-enabled process redesign, service improvement and business innovation.
- Establish governance, accountability and risk management arrangements for transformation initiatives.
- Manage organisational resistance, digital culture and workforce capability development.
- Evaluate technology investments using business cases, benefits analysis and performance indicators.
- Develop implementation roadmaps with clear milestones, responsibilities and resource requirements.
- Monitor digital transformation outcomes and sustain continuous improvement.

Course Modules

> Module 1: Foundations of Digital Transformation
- Meaning, scope and evolution of digital transformation.
- Digitization, digitalization and enterprise-wide transformation.
- Drivers of transformation: customer expectations, competition and technology.
- Digital disruption, organisational resilience and changing business models.

> Module 2: Digital Strategy and Organisational Alignment
- Linking digital priorities to corporate strategy and institutional mandates.
- Identifying strategic opportunities through technology.
- Digital operating models and organisational value creation.
- Developing strategic objectives, transformation priorities and success measures.

> Module 3: Digital Maturity Assessment and Readiness
- Frameworks for assessing organisational digital maturity.
- Evaluating technology infrastructure, processes, data and digital skills.
- Identifying capability gaps, transformation barriers and readiness risks.
- Establishing digital baselines and prioritising improvement opportunities

> Module 4: Emerging Technologies and Enterprise Applications
- Artificial intelligence, generative AI and intelligent automation.
- Cloud computing, platform technologies and enterprise applications.
- Data analytics, Internet of Things and connected business processes.

- Evaluating technology suitability, feasibility and organisational value

> Module 5: Business Process Redesign and Digital Service Innovation
- Mapping existing processes and identifying operational inefficiencies.
- Business process re-engineering and workflow automation.
- Designing digital products, services and customer journeys.
- Improving turnaround times, service accessibility and operational productivity.

> Module 6: Digital Leadership, Culture and Change Management
- Leadership responsibilities in technology-enabled transformation.
- Building a digitally capable and innovation-oriented organisational culture.
- Stakeholder engagement, communication and resistance management.
- Workforce reskilling, digital competencies and change adoption

> Module 7: Technology Investment and Digital Business Cases
- Identifying, evaluating and Prioritising digital investment proposals.
- Cost-benefit analysis, total cost of ownership and return on investment.
- Budgeting, resource allocation and portfolio Prioritisation.
- Benefits realization, investment governance and post-implementation review

> Module 8: Digital Governance, Cybersecurity and Risk
- Governance structures for enterprise-wide digital transformation.
- Cybersecurity, privacy, data protection and technology risk.
- Third-party technology risks, vendor dependencies and resilience.
- Compliance, accountability and responsible technology adoption.

> Module 9: Transformation Implementation and Performance Management
- Developing phased transformation roadmaps and implementation plans.
- Managing programmes, projects, dependencies and delivery milestones.
- Defining digital KPIs, benefits measures and executive dashboards.
- Monitoring implementation risks and correcting performance gaps.

> Module 10: Digital Transformation Strategy Capstone
- Conducting a strategic review of an organisation's digital priorities.
- Designing an integrated digital transformation roadmap.
- Preparing a governance, investment and change management framework.
- Presenting a transformation business case and implementation scorecard.

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