

**Position # 03**

**Emerging Technologies Specialist SPPS-III**

I	<b>Identified challenge/Gap:</b>	<p>Ministry of science and technology (MoST) and its attached organization either have limited or no specialist capacity in the following areas</p> <ul style="list-style-type: none"> <li>• . To formulate a comprehensive policy for acquisition and dissemination of Emerging Technologies</li> <li>• . To encourage international collaboration and knowledge transfer</li> <li>• . To coordinate between the government industry academia and international stakeholders for aligning the efforts being made in emerging technologies and to foster industry academia collaboration and innovation hubs</li> <li>• To develop and implement relevant education and training programs for skill human resource development</li> <li>• To update curricula for inclusion of emerging technologies</li> </ul>
ii	<b>Area of Expertise:</b>	<ul style="list-style-type: none"> <li>• Experience and extensive knowledge of new innovations and international trends of the emerging technologies</li> <li>• Experience of collaboration among different sector in emerging technologies</li> <li>• Develop effective strategies for adoption and implementation of emerging technologies</li> </ul>
iii	<b>Requisite qualification:</b>	<p>Master or higher degree in Emerging Technologies with knowledge of policy &amp; ecosystem. Professional Certification in relevant field will be added advantages</p>
iv	<b>Requisite experience /Skill:</b>	<ul style="list-style-type: none"> <li>• Minimum 07 year of experience in one or more emerging technologies</li> <li>• Knowledge of ecosystem of emerging technologies</li> <li>• Expertise of policy frameworks, regulatory environments and governance structures of the government</li> <li>• Ability to analyze complex technical and policy issues, and develop effective solutions</li> <li>• Excellent communication and stakeholder engagement skills. With the ability to explain complex technical concept to non- technical audience</li> <li>• Having extensive knowledge of networking with stakeholders</li> <li>• Ability to think strategically, anticipating emerging technologies trends and their policy implications</li> <li>• Understanding of global technology policy trends and their implications for local and international policy frameworks</li> </ul>
V	<b>Level of Role and Responsibility:</b>	<ul style="list-style-type: none"> <li>• Equivalent to Bs-19/20.</li> <li>• Emerging Technologies Specialist will be a mid-career professional responsible to provide strategies guidance and technical expertise across multiple emerging technologies including policing and implementation</li> <li>• Develop and implement comprehensive solution that integrate multiple emerging technologies</li> <li>• Conduct research and development to keep up with international trends of emerging technologies</li> <li>• Collaborate with stakeholders to identify business needs and opportunities for emerging technology adoption</li> <li>• .Develop and maintain technical documentation and standards for emerging technology solutions</li> <li>• Mentor and train junior team members in emerging technologies</li> </ul>
Vi	<b>Reporting channel:</b>	<p>Joint Electronics Adviser</p>