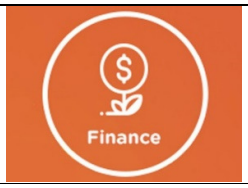
Annex A

			
Led by National University of Singapore	**Led by Singapore Management University**	**Led by Republic Polytechnic and the Singapore University of Social Sciences**	**Led by Nanyang Polytechnic**
Data analytics involves collecting, cleansing, transforming and modelling data, in order to discover useful information. Data and business analytics provide valuable insights to aid in decision-making. **Domain areas**: Artificial Intelligence, Internet of Things (IoT) (Applications and Platforms), Machine Learning, Cloud Computing, Data Mining, Data Visualisation and Coding.	**Finance** covers the application of technologies in the design, delivery and governance of financial services. It includes the digitalisation of financial services and adoption of Fintech. **Domain areas**: Blockchain, FinTech, Asset Management, Wealth Management, Risk Management and Compliance.	**Tech-Enabled Services** focuses on the use of technology-based applications to transform services-related industries such as supply chain, retail, healthcare, professional and security services. **Domain areas**: Electronic Technologies (e.g. web, e-payment solutions), Geospatial Technology, Supply Chain Management, Security Systems, Digital Marketing.	**Digital Media** covers the creation, broadcast, production, and use of digitised content, as well as digital communications. **Domain areas**: Immersive Media (Virtual Reality, Augmented Reality), Social Media, Interactive Media and Games Development.
Led by Temasek Polytechnic and Singapore University of Technology and Design	**Led by Ngee Ann Polytechnic**	**Led by Singapore Polytechnic and Nanyang Technological University**	**Led by Singapore Institute of Technology and Institute of Technical Education**
Cybersecurity refers to measures and techniques to protect the integrity of data, computing devices and other systems from damage or theft and preventing disruption to the functionality of the systems. It includes encryption techniques, cyber-intelligence and the development of security control mechanisms to significantly reduce risks and vulnerabilities. **Domain areas**: Encryption Technologies, Cyber Intelligence and Cyber Risk Management, Cyber Incident Investigation, Cyber Compliance.	**Entrepreneurship** is the art of transforming an idea into a venture of value creation for market, through innovation and risk-taking. It covers financing options, go-to-market strategies, going global, and various aspects of business strategies and operations for sustainable growth. **Domain areas**: Start-Up, Technopreneurship, Financing, Platform Models, Business Models, Going Global, Product/Market Development, Sustainable Growth.	**Advanced Manufacturing** involves the use of innovative and advanced technologies to improve products and processes by enhancing the cyber-physical integration of manufacturing. It involves digitalisation and automation through the use of devices, sensors and robotics for work processes. It also facilitates connectivity through the integration of information, computing and networking to improve manufacturing productivity, customisation, flexibility, predictability and performance. **Domain areas**: Industrial Internet Of Things (IIOT), Additive Manufacturing, Robotics and Automation.	**Urban Solutions** describes solutions that are aimed at improving the quality of living through designing and building environmentally-sustainable and liveable cities. These solutions include the development, implementation and maintenance of intelligent transport systems, smart cities and autonomous vehicles. **Domain areas**: Systems engineering, Sustainability Solutions, Autonomous Transport Solutions.