**Research Methods and Professional Practice**

**List of Topics for Literature Review**

1. Digital Marketing of Small and Medium Scale Enterprises, in a city of your choice
2. Implementing Machine Learning tools and/or techniques in:
   1. Local waste management system based on a city of your choice
   2. Local transportation system based on a city of your choice
   3. The reduction of cyberbullying
   4. Epidemic modelling
   5. Customer profiling
   6. Suspect profiling
   7. Managing shop floor stock
   8. Traffic accident prediction
   9. Urban road data mining
   10. Predicting sports results
   11. Detecting political misinformation on a social media platform of your choice
   12. Detecting medical misinformation on a social media platform of your choice
   13. Medication safety analysis
   14. Image recognition of humans, animals or plants
   15. Churn prediction
   16. Sentiment Analysis
   17. Crime prediction
   18. Medical Diagnosis
   19. Music Recommender Systems
3. Implementing Deep Learning tools and/or techniques in:
   1. Local waste management system based on a city of your choice
   2. Local transportation system based on a city of your choice
   3. The reduction of cyberbullying
   4. Epidemic modelling
   5. Customer profiling
   6. Suspect profiling
   7. Managing shop floor stock
   8. Traffic accident prediction
   9. Urban road data mining
   10. Predicting football results
   11. Detecting political misinformation on a social media platform of your choice
   12. Medication safety analysis
   13. Image recognition of humans, animals or plants
   14. Sentiment Analysis
   15. Crime prediction
   16. Medical Diagnosis
   17. Music Recommender Systems
4. Implementing Cyber Security tools and/or techniques in:
   1. Local waste management system based on a city of your choice
   2. Local transportation system based on a city of your choice
   3. The reduction of cyberbullying
   4. Customer profiling
   5. Suspect profiling
   6. Detecting political misinformation on a social media platform of your choice
   7. Detecting medical misinformation on a social media platform of your choice
   8. Medication safety analysis
   9. Image recognition of humans, animals or plants for an industry of your choice
   10. Crime prediction
5. The Impact of Communication Technology on Employees’ Productivity during Government Mandated Lockdown, either globally or based on a country of your choice
6. What is the gender pay gap in the technology sector in the country of your choice?
7. Using technology to improve understanding of employment status
8. Assessing the Causes and Impacts of Increasing Road Traffic on the Environment and Individual, based on a city of your choice
9. Layering and Levelling the Cloud with Enterprise Standards: Example ‐ SAP Cloud Platform
10. Data Visualisation for:
    1. COVID-19 data analysis
    2. Epidemic modelling
    3. Modelling accurate information during a pandemic
    4. Identifying misinformation during a pandemic
    5. Environmental campaign organisations
    6. Airline sentiment analysis
    7. Product reviews sentiment analysis
    8. Sentiment analysis of a trends on a social media platform of your choice
    9. Economic crisis prediction
11. Cloud computing for building effective information systems in an industry of your choice
12. Use of Information Systems (IS) to transform the Healthcare Sector in a country of your choice.
13. Use of Information Systems (IS) to transform Small Businesses in a country of your choice.
14. AI-based assistive technology for the physically disabled
15. AI-based assistive technology for the elderly
16. App Development to support the physically disabled
17. App development for emergency services
18. Application of micro-services architecture in the development of web applications for an industry of your choice
19. Developing a web application to visualise trends on a social media platform of your choice
20. How can technology be used to raise awareness of a topic of your choice in 6-11-year-olds in a country of your choice
21. How can technology be used to raise awareness a topic of your choice, to a group of your choice
22. The impact of modern technology on student learning experiences in higher education
23. Utilising and adapting IoT technology in secondary education in a country of your choice.
24. The Implementation of E-Learning