



Job Title	Manager I – Ed Tech
Department/Institute	Applied Research and Innovation Centre
Reporting to	Director (Applied Research and Innovation Centre)
Main Objective	To drive research-led innovation and the effective integration of educational technologies by leading technical development, supporting academic collaboration, and ensuring the successful implementation of cutting-edge digital solutions at the Applied Research and Innovation Centre.

1. Contribute to the development of research and innovation implemented within the Applied Research and Innovation Centre and participate accordingly in funded research projects.
2. Identify technology needs and develop strategies for integrating educational technologies into the curriculum.
3. Oversee the implementation and maintenance of educational technologies and resources at the Applied Research and Innovation Centre EdTech Hub.
4. Provide training and support to academics and students on the use of educational technologies.
5. Provide technical support to resolve issues related to educational technologies.
6. Collaborate with IT staff as necessary to ensure the smooth operation of digital learning systems.
7. Monitor and evaluate the uptake and effectiveness of educational technologies and other digital resources at the Applied Research and Innovation Centre EdTech Hub.
8. Ensure compliance with institutional policies and legal requirements related to the use of educational technologies.
9. Support with the development and implementation of policies and best practices for the safe and effective use of technology in education.
10. Collect and analyse feedback from users to identify areas for improvement and recommend changes.
11. Perform a variety of technical duties supporting the realization of innovative and research-based deliverables at MCAST.

12. Specialise in the development of novel Educational Technology solutions, including the creation/programming of state-of-the-art systems and research-based approaches.
13. Technically lead in multidisciplinary projects in areas such as virtual/augmented reality, artificial intelligence, human-computer interaction, and robotics.
14. Design, develop, program and test various computer-based systems (including hardware, software and web platforms) to program, set up functions, enter data, or process information.
15. Apply theoretical expertise and innovation to create or apply new technology.
16. Support in the compilation of technical and academic reports, including research publications.
17. Consult with users, management, MCAST staff, technicians, and external stakeholders to determine computing needs and system requirements.
18. Develop, design, or create new applications, ideas, relationships, systems, or products, including artistic contributions.
19. Provide guidance and expert advice to management or other groups on technical, systems, or process-related topics.
20. Plans, coordinates, executes, and supports research and innovation project(s) activities in line with Grant Agreements and or MCAST commitments.
21. To build in the local context, new networks, engage with stakeholders, and ensure that stakeholders participate fully in the different projects' activities.
22. Develop contacts to acquire knowledge and understanding of the research project(s).
23. Co-ordinate day-to-day work to support concurrent research projects.
24. Keep records of deliverables, finances, and other tasks carried out, and participate in project management under supervision by the Applied Research & Innovation Centre Management.
25. Co-ordinate and assist in the dissemination process, under the guidance of the Applied Research & Innovation Centre Management.
26. Facilitate collaboration by liaising with other research groups at MCAST and external entities, including industry partners and international consortia.
27. Work in liaison with relevant MCAST units and departments, as necessary.
28. Develop and maintain a good working relationship with cross-campus departments at MCAST.
29. Ensure compliance with Health and Safety procedures.
30. Perform any other project-related task as instructed by the Director of Research & Innovation.
31. The list is not exhaustive, and management may change or add tasks if and when required and according to the exigencies of MCAST and its subsidiaries.