

IMCRC Master by Coursework Scholarship for Additive Manufacturing

1. Funding objectives

To catalyse the use of Additive Manufacturing or 3D printing in manufacturing, this scholarship is designed to encourage the next generation of manufacturers to engage with industry partners in an additive manufacturing research project.

2. Scholarship details

- (i) A \$5000 scholarship will be awarded to Master by Coursework students who are enrolled in a semester-long research unit in additive manufacturing with a thesis component at completion of the unit.
- (ii) The scholarship is awarded on a competitive basis – students from participating universities will need to apply for the scholarship, and will be selected based on research project eligibility, previous semester's results, and short answers to 2 questions around research project and Australian manufacturing.
- (iii) Only 4 scholarships will be offered.

3. Research Project Eligibility criteria

- (i) Research project must be industry-led, and can be performed either within the university or at the industry partner's facilities.
- (ii) Project must have an industry supervisor / mentor.

Selection Criteria	Details
Proposed research aligns is related to additive manufacturing	This could be related to the development of new materials for additive manufacturing, processing of additively manufactured products, development of new additive manufacturing processes etc.
Proposed research is largely MRL3 or higher	MRL – Manufacturing readiness levels. MRL 3 includes research where there is an early proof of concept. See research examples below
Australian manufacturer or significant part of Australian manufacturing innovation ecosystem	Also includes global manufacturers with significant operations in Australia
Proposed research will reasonably lead to manufacturing outcomes in Australia	The research should result in developing positive changes in the manufacturing partner

4. Student Eligibility

- (i) Domestic or international student
- (ii) Masters student enrolled full-time or part-time in an IMCRC Essential Participant university.
- (iii) Previous semester results must have at least a Credit Average (>60%).
- (iv) Has been accepted into an eligible research project (see section 2 Research Project Eligibility Criteria) in any department within an IMCRC participant University.

5. Student commitment

- (i) 5 minute in-person and/or video presentation to IMCRC, industry supervisor / mentor, and academic supervisor, organised between IMCRC and scholarship recipient

6. How to apply

- (i) Go to <https://app.smartsheet.com/b/form/567f7a51f9534b1abc97b601edcdf517> to apply.
- (ii) You will also need to provide contact details of your academic supervisor, as well as the industry partner.

7. Timeline (Summer Semester 2021/2022)

	Due Date
Scholarship application open	1/10/2021
Applications close	8/11/2021
Applications review complete	22/11/2021
Student and University notified of successful application	29/11/2021
Scholarship confirmation – scholarship agreements signed	15/12/2021
Scholarship awarded to student	7/2/2021