

An Indian-Australian research partnership

**Project Title:**

**Project Number**

**IMURA0000** (will be inserted by The Academy)

**Monash Main Supervisor**

(Name, Email Id, Phone)

Full name, Email

**Monash Co-supervisor(s)**

(Name, Email Id, Phone)

**Monash Head of**

**Dept/Centre** (Name,Email)

Full name, email

**Monash Department:**

**Monash ADRT**

(Name,Email)

Full name, email

**IITB Main Supervisor**

(Name, Email Id, Phone)

Full name, Email

**IITB Co-supervisor(s)**

(Name, Email Id, Phone)

Full name, Email

**IITB Head of Dept**

(Name, Email, Phone)

Full name, email

**IITB Department:**

**Research Clusters:**

**Research Themes:**

<b>Highlight which of the Academy's CLUSTERS this project will address?</b> <i>(Please nominate JUST <u>one</u>. For more information, see <a href="http://www.iitbmonash.org">www.iitbmonash.org</a>)</i>		<b>Highlight which of the Academy's Theme(s) this project will address?</b> <i>(Feel free to nominate more than one. For more information, see <a href="http://www.iitbmonash.org">www.iitbmonash.org</a>)</i>	
1	Material Science/Engineering (including Nano, Metallurgy)	1	Advanced computational engineering, simulation and manufacture
2	Energy, Green Chem, Chemistry, Catalysis, Reaction Eng	2	Infrastructure Engineering
3	Math, CFD, Modelling, Manufacturing	3	Clean Energy
4	CSE, IT, Optimisation, Data, Sensors, Systems, Signal Processing, Control	4	Water
5	Earth Sciences and Civil Engineering (Geo, Water, Climate)	5	Nanotechnology
6	Bio, Stem Cells, Bio Chem, Pharma, Food	6	Biotechnology and Stem Cell Research
7	Semi-Conductors, Optics, Photonics, Networks, Telecomm, Power Eng	7	Humanities and social sciences
8	HSS, Design, Management	8	Design

## The research problem

*Define the problem*

## Project aims

*Define the aims of the project*

## Expected outcomes

*Highlight the expected outcomes of the project*

## How will the project address the Goals of the above Themes?

*Describe how the project will address the goals of one or more of the 6 Themes listed above.*

## Capabilities and Degrees Required

*List the ideal set of capabilities that a student should have for this project. Feel free to be as specific or as general as you like. These capabilities will be input into the online application form and students who opt for this project will be required to show that they can demonstrate these capabilities.*

### Potential Collaborators

Please visit the IITB website [www.iitb.ac.in](http://www.iitb.ac.in) OR Monash Website [www.monash.edu](http://www.monash.edu) to highlight some potential collaborators that would be best suited for the area of research you are intending to float.

Select up to **(4)** keywords from the Academy's approved keyword list (**available at <http://www.iitbmonash.org/becoming-a-research-supervisor/>**) relating to this project to make it easier for the students to apply.

### Additional costs and equipment

*Describe below additional costs that would be needed to complete this project. This would typically include project-related costs (such as consumables). Student travel to Australia, Conference travel should not be included here. They are already provided for, separately.*  
**PLEASE NOTE, LEAVING THIS SECTION BLANK DOES NOT IMPLY AUTOMATIC SANCTION OF RS 3.0 LAKHS/AUD 6000.**

### Detailed justification - Additional costs and equipment

Please justify why is this level funding is required?

	INR/\$AUD	
What is the total funding required for the entire project?		(X)
How much bare minimum seed funding will be required to kick off the collaboration?		(Y)
What are the additional funds that will need to be sourced?		(X-Y)

How will the additional funds (X-Y) be sourced?

What happens if the PIs are unsuccessful in sourcing (X-Y) and we have a student selected?

Is there any industrial partner that might fund this project that we might approach?

Please also fill up the Project Consumables Budget Excel spreadsheet template( available from The Academy) which is required for any budget request which is in excess of INR 3 lakhs OR \$6000.

As part of student interviews a written test is included in the process. Please provide **10** questions that would be suitable to test the background/expertise of potential candidates that would best suit your project. **(Multiple Choice Questions Only) Kindly provide this as a separate document along with the updated project template.**