

**DEPARTMENT OF SCIENCE & TECHNOLOGY (DST), GOVERNMENT OF INDIA  
&  
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH (A\*STAR),  
SINGAPORE**

**INDIA - SINGAPORE  
JOINT SCIENCE AND TECHNOLOGY RESEARCH COOPERATION**

**CALL FOR JOINT PROJECT PROPOSALS 2025**

**Digital Health/Medical Technologies & Green Hydrogen**

**DEADLINE FOR THE SUBMISSION OF PROPOSALS: 16 MAY 2025**

Within the framework of the **Memorandum of Understanding (MoU) between the Department of Science and Technology of the Republic of India and the Ministry of Trade and Industry of the Government of the Republic of Singapore on Cooperation in the fields of Science, Technology and Innovation** signed on February 23 2022, Department of Science & Technology (DST), Govt. of India and Agency for Science, Technology and Research (A\*STAR), Singapore invite Indian and Singapore scientists / researchers to submit proposals for joint research projects in the areas of “**Digital Health/ Medical technologies**” and “**Green Hydrogen**”.

**Who may apply?**

Indian Project Lead and Co-Is should be scientists/faculty members working in regular capacity in universities, academic institutes and national research and development laboratories/institutes. The Indian Project Lead and Co-Is should not be retiring or leaving the parent institute during the proposed duration of the project. The Indian scientist involved in any way in the implementation of two or more projects supported by DST (International Group) that are not expected to be completed by March 31, 2025 are not eligible to be a member of Research team/Project Lead.

Singaporean Applicants must reside in Singapore and be full-time employed researchers at a Singapore public sector research organisation.

Project proposal **must** include the name of one Principal Investigator (PI) in both India and Singapore, and optionally a Co-Investigator (Co-I). The PI and Co-I are responsible for submitting annual scientific and financial reports in order to ensure continued funding; each project will be funded for a period of three years, barring failure to adequately report on or complete project activities. PI and Co-I are also responsible for the technical and administrative coordination of their projects. The Principal Investigators (PIs) on the two sides will bear full responsibility for the project, including its technical and administrative coordination as well as scientific and financial reporting.

Participation of an industry partner on both sides will be encouraged. However, the industry partners are expected to fund their own expenditure for participation in the project.

### Research Funding

The successful projects will be funded in India by DST and in Singapore by A\*STAR. The joint projects must meet the criteria of the funding agencies. The research projects are funded for a maximum of three years.

### Types of support available for Joint Project:

Each selected project will be funded for a period of up to three years. However, projects of both sides must pass the annual evaluation in each country for continuation of funding. To facilitate the objective of the Project, the manpower cost, consumables and minor accessories, research expenses, project related visits of Indian and Singapore researchers to the counterpart country may be supported.

#### Eligible Costs for India based Applicants

Expenditure by project team in India would be borne by DST

This DST funding will cover the following expenses in connection with a project:

- **Support for Exchange visit component:** The sending side will provide round-trip economy-class airfare to the relevant entry city of the host country as well as medical insurance. The sending side will also provide accommodation and living expenses, i.e., transportation for pick-up service to and from the airport, food, etc. Two persons per year with a maximum of one month stay at a time will be allowed;
- **Support for Consumables:** A maximum of 30 - 40% of the budget may be allowed for consumables and accessories.
- **Human resources:** Participation of Research students would be encouraged. On the Indian side Fellowship to one student (JRF/SRF/RA) can be supported.
- **Institutional Overhead:** Institutional Overhead will be determined in accordance with prevalent DST norms.
- While the exact nature of expenditure is not fixed, the following may not be funded from this allocation: consultant's fees, educational expenses, insurance and medical care, equipment, project management fees, temporary staff fees, etc.

#### Eligible Costs for Singapore-based Applicants

Please refer to the A\*STAR Grants T&Cs and Guidelines for fundable items.

A list of non-fundable direct cost items is provided in the table below.

Type of Expenses	Description
Salaries of Lead PI / Investigators / Visiting Professors & researchers/ Collaborators/ general administrative support staff	Not allowable unless specifically provided for in the grant and approved by Grantor.
Teaching buy outs	Not allowable for the hiring of substitutes to perform the Investigators' teaching duties.

Stipend top-up for existing post-graduate scholarship holders	Not allowable.
Undergraduate stipend and tuition support	Not allowable.
Costs related to general administration and management.	Not allowable unless specifically provided for in the grant and approved by Grantor. This includes common office equipment, such as furniture and fittings, office software, photocopiers, scanners and office supplies.
Costs of office or laboratory space	Not allowable unless specifically provided for in the grant and approved by Grantor. This includes renovation/outfitting costs, rent or depreciation of buildings and equipment, and related expenditures such as water, electricity, waste disposal and building/facilities maintenance charges.
Personal productivity tools & communication expenses	Not allowable, unless the use of mobile phones and other form of smart devices were indicated in the methodology for the Research.
Audit fees (Internal and external audit) and Legal fees	Not allowable.
Entertainment	No allowable.
Refreshment	Not allowable, unless this is related to a hosted conference or workshop, specifically approved by the Grantor for the Research.
Fines and Penalties	Not allowable.
Patent Application	Not allowable. This includes patent application filing, maintenance and other related cost.
Professional Membership Fees	Not allowable.
Staff retreat and team-building activities.	Not allowable.

This list is not exhaustive and applies only to the expenditure of the grant funds. Other costs may be ineligible where we decide that they do not directly support the achievement of the planned outcomes for the project or that they are contrary to the objective of the program.

You must ensure you have adequate funds to meet the costs of any ineligible expenditure associated with the project.

### **How much should I apply for?**

- Expenditure by project team in their country would be borne by the respective country, i.e., DST would support expenditure on Indian side of the project whereas A\*STAR would meet the expenditure of Singapore side
- A maximum of **SGD 250,000 (inclusive of 30% overheads)** per joint project to the Singapore applicant for **over three years**.

Please note that both scientific and financial reporting on the project is an obligatory condition for continued funding. It is recommended that students should be afforded the opportunity for exchange visits under this programme.

## Proposal Requirements

Proposals must attempt to fully disclose the research ideas and approaches. It is important that proposals are well crafted and provide substantive description of the research plan for a fair review of the scientific/technical plans and approaches. Proprietary or confidential information must be clearly indicated in the proposal. Proposals must not be duplicative or substantially similar to any previous project or proposal submission.

### How do I apply?

**Indian and Singapore applicants shall write a common application to be submitted to both DST and A\*STAR, using the common application form prescribed by DST and A\*STAR.**

Indian applicants should submit their proposals on format available at [www.onlinedst.gov.in](http://www.onlinedst.gov.in) by 5:00pm India time on last date (16 May 2025). After registration, they should move to “scheme and format” section where details about this call would be available in the International Cooperation (bilateral). An email acknowledging receipt of the application will be provided to the applicant in 3-5 working days. It should be ensured that application with identical title has been submitted by his / her Singapore counterpart scientist with A\*STAR by due date.

Singapore applicants are required to apply electronically via the iGrants platform ([igrants-app.a-star.edu.sg](http://igrants-app.a-star.edu.sg)) by **16 May 2025 23:59pm (Singapore Standard Time)**

Applications received after the due date will not be considered for funding. **Proposals which have only been received in either Singapore or India, but not both, will not be evaluated or considered for funding.**

**Only applications endorsed by the research office (or its equivalent) at higher education or research institutions will be accepted. Both DST and A\*STAR** will not accept proposals from individuals without the appropriate endorsement from his/her employing organizations. This is to ensure that organizational support is clearly associated with the proposed research plan.

The call process is highly competitive; therefore, submission of an application does not guarantee funding. The availability of funds and the evaluation of applications from both countries should be positive for them to be funded. The A\*STAR and DST will not be held responsible for non-submission of the application in the partner country.

### How are applications evaluated?

All applications received by the notified deadline will undergo a peer review process and then be referred to an independent advisory panel for consideration and ranking. Applications must attain a positive rating to be considered eligible for funding. Joint selection of successful applications by DST and A\*STAR will be discussed by the respective nodal agencies and informed by the rankings. Decisions made by the India-Singapore Joint Science & Technology Committee will be final. The following criteria will be taken into consideration for selection of proposals:

- Conformity with the Program’s aims and designated research fields:
  - The proposed methodology should be feasible, with well-defined research and exchange milestones from both sides and KPIs (from the Singapore side).
  - Research objectives must be matched to the research field of this grant call.

Plans, and deliverables must be clearly described, and technical challenges must be properly addressed.

- Teams highlight the novelty of their approaches or methodology based on providing the clues necessary to demonstrate the feasibility of the research concept.
- Capability of research leaders: the research leaders should have the insight, appropriate expertise, the ability to manage the collaboration and achieve the project goals during the period of support.
- Appropriateness of project plan: the project plan should be realistic in terms of the activities proposed.
- Effect of the activities: The benefits and future joint research likely to accrue from the collaboration, and the wider benefits of the project to the scientific community are important. Accordingly, the proposed activities should achieve one or more of the following:
  - Opening up of new fields or new advances in science and technology through the creation of new scientific knowledge in an existing research field;
  - Nurturing of young researchers to be able to play a central role in future research exchanges between Singapore and India; and
  - Sustained development of research exchanges between Singapore and India initiated by this activity.
- Ongoing research activity: the proposed collaboration should build on, reinforce and add significant value to on-going research activities in each research group.

### **Proposal selection and award process**

DST and A\*STAR may seek referee reports, written submissions or presentations from some PIs to justify, elaborate or clarify aspects of the research approach described in the proposal during the review process.

Notification of awards will be sent to the respective Principal Investigator with a copy to Head of the Institution by both DST and A\*STAR

### **Information ownership**

It is required that an Implementation Plan will be signed for any joint research collaboration. In the interest of encouraging meaningful collaborations, the concerned parties are requested to engage in appropriate discussions and negotiations to determine issues such as ownership of any arising intellectual properties and each party's rights and obligations under the collaboration. The Plan should be submitted to DST and A\*STAR by the respective researchers within three months starting from the date in the Letter of Award. Permission from A\*STAR and DST must be sought at least one month in advance if further time extension is required for the completion of the Plan. A\*STAR reserves the right to terminate further fund disbursements if this condition is not met.

For Singapore-based applicants, please note that the awarded projects will be subject to the Terms and Conditions set by A\*STAR. Management of the projects will be in accordance with the A\*STAR Guidelines for Managing A\*STAR Grants. Arrangements relating to intellectual property rights (including copyright and patent rights) and commercialisation of

such intellectual property shall be in accordance with the A\*STAR Grants Terms & Conditions Clause 14.

### Programme review and monitoring

Programmes will be reviewed annually, and research teams are expected to submit annual summary reports. Presentation and public seminars may also form part of the project progress review.

### Contact Information

DST (India)	A*STAR (Singapore)
<u>Dr Sulakshana Jain</u> Scientist International Cooperation Department of Science & Technology Technology Bhawan, New Mehrauli Road New Delhi – 110 016 E-mail: <a href="mailto:jain.s@nic.in">jain.s@nic.in</a>	Ms. Nicole Chua, Assistant Manager  Email: <a href="mailto:oga_bilats@hq.a-star.edu.sg">oga_bilats@hq.a-star.edu.sg</a>



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**INDIA - SINGAPORE**

**JOINT SCIENCE AND TECHNOLOGY RESEARCH COOPERATION**

**CALL FOR JOINT PROJECT PROPOSALS 2025**

## **Grant Application Form**

**CLOSING DATE: 16 May 2025, 5pm India time; 11:59pm Singapore time**

### **Summary of Research Project**

<b>Proposal Title (in English):</b>	
<b>Duration of Project (in years):</b>	
<b>Budget Requested:</b>	India Research Team <i>Rupees</i>
	Singapore Research Team (including Indirect Expenses) <i>SGD</i>
<b>Budget Contribution: (if any)</b>	India Collaborator (please state if the contribution is cash or in-kind) <i>Rupees</i>

	Singapore Collaborator (please state if the contribution is cash or in-kind)  <i>SGD</i>
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## **INSTRUCTIONS**

**IMPORTANT: EVERY SECTION AND FIELD MUST BE COMPLETED. PLEASE INDICATE 'NA' WHERE A PARTICULAR SECTION OR FIELD IS NOT APPLICABLE. INCOMPLETE APPLICATIONS WILL BE REJECTED.**

Indian applicants should submit their proposals on format available at [www.onlinedst.gov.in](http://www.onlinedst.gov.in) by 5:00pm India time on the last date. After registration, they should move to “scheme and format” section where details about this call would be available in the International Cooperation (bilateral). An email acknowledging receipt of the application will be provided to the applicant in 3-5 working days.

Singapore applicants **must** submit application electronically via iGrants by 11:59 PM (Singapore Standard Time) on 16 May 2025, via <https://igrants-app.a-star.edu.sg/>

Applications received after the due date will not be considered for funding. **Proposals which have only been received in either Singapore or India, but not both, will not be evaluated or considered for funding.**

**Only applications endorsed by the research office or its equivalent at higher education or research institutions will be accepted. Both DST and A\*STAR will not accept proposals from individuals without the appropriate endorsement from his/her employing organizations.**

## **DETAILS OF COLLABORATORS**

The submission of every joint proposal must involve one Singapore-based public sector research performer and one India-based researcher. Singapore-based and India-based collaborator's involvements are optional. Please include the details of all PI(s) and Co-I(s) participating in this project.

### **On the India side:**

Indian Project Lead and Co-Is should be scientists/faculty members working in regular capacity in universities, academic institutes and national research and development laboratories/institutes. The Indian Project Lead and Co-Is should not be retiring or leaving the parent institute during the proposed duration of the project. The Indian scientist involved in any way in the implementation of two or more projects supported by DST (International Group) that are not expected to be completed by March 31, 2025 are not eligible to be a member of Research team/Project Lead.

### **On the Singapore side:**



The Principal Investigator (PI) is the lead researcher responsible for the milestones and deliverables of the project, coordinating research activities carried by the research team, managing the grant award and submitting progress reports on behalf of the Singapore-based research team.

The Co-Investigator(s) (Co-I) will be the person(s) leading and managing a particular aspect of the collaborative effort.

A “Collaborator” means any company, institution, incorporated body or other industry or academic collaborator, which is not an Institution or an Investigator but is to be engaged in the Research in collaboration with the Institutions or any of them.

**1. RESEARCH AREA** (Tick one of the following):

Green Economy (Hydrogen) ☐

Digital Health and Biomedical Technologies ☐

<b>2a. HOST INSTITUTION (INDIA)</b> (Indicate Department):	
<b>2b. HOST INSTITUTION (SINGAPORE)</b> (Indicate Department):	

**2c. PRINCIPAL INVESTIGATOR** (Please note that only one PI per country allowed)

	INDIA	SINGAPORE
Name of PI		
Organization		
Department		
Title		
Address of Institution		
Office phone #		
Cell phone #		[optional]
E-mail		

**2d. CO-INVESTIGATOR(S)** (Please add if there are more Co-Investigators<sup>1</sup>. PIs and Co-Is may only be involved in a maximum of 2 grant applications in the current grant call)

Name of Co-Investigator		
Organization		
Department		
Title		
Address of Institution		
Office phone #		
Cell phone #		[optional]

<sup>1</sup>NOTE: Overseas investigators with no adjunct or visiting positions in Singapore public institutions can only participate as Collaborators.

E-mail		
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**2e. COLLABORATOR(S) INDIAN SIDE**(Please add if there are more Collaborators<sup>2</sup>)

Name:

Institution:

E-mail:

Name:

Institution:

E-mail:

**2f. COLLABORATOR(S) SINGAPORE SIDE**(Please add if there are more Collaborators<sup>2</sup>)

Name:

Institution:

E-mail:

Name:

Institution:

E-mail:

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<sup>2</sup>NOTE: Collaborators are not entitled to receive (directly or indirectly) any portion of the grant.

### 3. DECLARATION OF ETHICS CONSIDERATION

Please note that the approval of the grant is subject to ethics approval. Please tick if your study involves the following ethics categories. Kindly indicate the expiry date of the ethics approval and attach the relevant ethics approval documentation.

If your research involves any of the ethics category but ethics approval is not necessary, please provide the relevant rational under the comments' textbox.

Please tick, where appropriate, if your study involves the following:

<b>Ethics Category</b>	<b>Involved? (tick if yes)</b>	<b>Ethics Approval Required? (tick if yes)</b>	<b>Ethics Approval Expiry Date (dd/mm/yyyy)</b>	<b>Comments/Reasons</b>
Human subject	<input type="checkbox"/>	<input type="checkbox"/>		
Use of Human Tissues or Cells	<input type="checkbox"/>	<input type="checkbox"/>		
Animal Experimentation	<input type="checkbox"/>	<input type="checkbox"/>		
Use of Animal Tissues or Cells	<input type="checkbox"/>	<input type="checkbox"/>		
Requirement for containment Class 2 and above	<input type="checkbox"/>	<input type="checkbox"/>		

A copy of the ethics approval is attached:

**Yes** ☐

**No** ☐

**Not applicable** ☐

### 4. ABSTRACT OF THE PROPOSAL

In no more than 150 words, please provide a general description of the proposal that can be understood by a non-scientific audience. Please include its importance to the chosen subtopic and where appropriate, the approach of the research proposal. **Note that the abstract may be released to the media for the purpose of the announcement of the grant call results.**

## **5. SIGNIFICANCE / APPLICATION / EXPLOITATION**

State the value, relevance and significance of the research proposal to health and/or science (include local and/or international impact), highlighting the potential for exploitation and/commercialisation of results, if any. Do not exceed one page for this section.

### **5a. VALUE, RELEVANCE AND SIGNIFICANCE**

### **5b. POSSIBLE APPLICATIONS/ EXPLOITATION / COMMERCIALISATION**

State clearly the likely applications of the work (technological, scientific, economic social )

Technological:

Scientific:

Economic:

Social:

## 6. DETAILS OF RESEARCH PROPOSAL

### Instruction and Guide for details of research proposal.

Give a description of the research in no more than 6 pages. Information **SHOULD** include specific aim(s) of the project, scientific/clinical significance, preliminary studies/progress reports, methods, contribution of PI, Co-Investigators and Collaborators as well as publications/patents related to the research proposal. Please emphasise on the novelty and innovative aspects of the proposed work. **All references should be provided on a separate page.**

#### **a) Specific Aims**

*State concisely the aims of the research project and/or the hypothesis that is to be tested. **Since the duration and funding of the research are capped at 3 years, your aims and proposed research work should be achievable within this period.***

#### **b) Scientific/Clinical Significance/Expected Outcomes**

*Express clearly relevance of your proposal and its value and contributions to health and/or science. Briefly sketch the background to the current proposal, critically evaluate existing knowledge and specifically identify the gaps which the project is intended to fill. Do not waste valuable space with large amounts of background information on the general research problem. Instead describe how your research will contribute to (i) solving the research problem; (ii) develop new knowledge; (iii) develop scientific and clinical applications; and (iv) provide tangible improvements in the proposed area. You should include both short term (3-5 years) and possible long-term implications. Append relevant references.*

#### **c) Preliminary Studies/Progress Reports**

*Please provide an account of the Principal Investigator's preliminary studies (if any) pertinent to the applications and/or any other information that will help to establish the experience and competence of the investigator pursuing the proposed project.*

#### **d) Methods**

*Describe in detail the experimental design and the procedure to be used to accomplish the specific aims of the project. Describe in detail the protocols to be used and the tentative sequence of the investigation. Include statistical justification and the means by which data will be analysed and interpreted. Where appropriate, describe sample recruitment and characteristics such as number, gender, ethnicity, etc and provide an estimate of the likely effect size and the sample size required to detect this (power analysis). Describe any new methodology and its advantage over existing methodologies. Discuss the potential difficulties and limitations of the proposed procedures and alternative approaches to achieve the aims. Point out any procedures, situations or materials that may be hazardous to personnel and the precautions to be exercised. PI should also mention who else in the world are working in similar areas and highlight the key/main competitors. Make every attempt to be succinct.*

**e) Expertise, roles and contributions of PI, Co-Investigators and Collaborators**

*Describe the roles of the Principal Investigator, Co-Investigators and Collaborators involved in the project. Specify the research background, technical competencies, role and contribution to specific deliverables and achievements that are relevant and necessary to ensure success for the proposed research. State the applicants' publications and patents held related to this research proposal. Need of collaboration is also to be specified. **Please provide letters of support or equivalent from Collaborators for this section.***

**f) References**

*List in chronological order the full titles and complete references to recent representative publications pertinent to this research proposal.*



**Details of Research Proposal referenced to the instructions and guide stated above**

Print information using Arial Font 10, single-spaced and within the given area. Do not exceed **6 pages** **(including references)**.

**7. WORK CONTRIBUTION OF TEAM MEMBERS**

Provide the expected percentage effort within the project, as well as within his/her other work commitments for each **Principal Investigator, Co-Investigator(s) and Collaborator(s)**.

Timelin e	Responsibilities of Indian team	Responsibilities of Singapore team
1 <sup>st</sup> Year (yyyy)		
2 <sup>nd</sup> Year (yyyy)		
3 <sup>rd</sup> Year (yyyy)		

## 8. CURRICULUM VITAE

In no more than **1 page** per applicant, please provide the following information on the Principal Investigators (India and Singapore), all Co-Investigator(s) and Collaborator(s)

Please use the table format below and copy another table per PI/Co-I/Collaborator

Salutation & Name of PI	
Current Appointment(s) & Institution Affiliation(s)	
Percentage of time spent every year in Singapore	
Latest publications in the area described in this project (list up to 10)	
Research interests	
Other key research achievements (e.g. patents, licenses, awards, spin-off companies, external consultancy etc.)	
Recent awards (Scientific awards)	
Current and previous support from Indian Govt. Funding Agencies and A*STAR (previously NSTB) /BMRC /NMRC or other sources (Please also include proposals pending approval)	
Research outcomes from other grants (e.g. publications, patents, awards, etc..)	

## 9. DECLARATION OF OTHER FUNDING SUPPORT

- a) Provide the details for all grants currently held or being applied by the Principal Investigator. ***Attach the scientific abstract of each grant listed below for reference.***

Grant Title and ID	Funding Agency	Status (Awarded or Applied)	Amount awarded/ applied for (Rs/\$)	Years of support	Expiry date of Grant

- b) Facilities related to project activity available at the institutions where the project will be carried out. Provide details of **ALL** other resources available to the institutions which are not derived from funds provided for specific projects, such as departmental technicians, equipment and consumables, grants from private foundations, start-up funds, donations from charitable organisations and collaborations with industry. You may also attach correspondences showing commitments by other parties in support of your work.

At the Indian Institutions	At the Singapore Institutions



## 10. PROPOSED BUDGET

Only expenses directly related to the proposed project are allowed.

### a. Budget plan (Project Cost) – Indian side

(All costs should be in Indian Rs. for projects submitted by Indian PIs to DST)

Item	1st Year	2nd Year	3rd Year	Total
1.Salaries/wages				
2. Consumables				
4. Exchange Visits				
5. Contingency				
6. Other costs, if any				
TOTAL				

#### 10.1. Details of Budget proposed for Salaries/ Wages(in Rupees)

		1st Year / (m.m.*)	2nd Year / (m.m.)	3rd Year / (m.m.)	Total / (m.m.)
Designation	Monthly Emoluments				
Total					

\*m.m.: man months to be given within brackets before the budget amount

#### 10.2. Justification for the manpower requirement.

#### 10.3. Details of Budget proposed for Consumable Materials budget (in Rupees)

S.No.	Item	1st Year	2nd Year	3rd Year	Total
	Total				

#### 10.4 Justification for consumable

#### 10.5. Details of Budget proposed for exchange visits and estimated expenditure:

	1st Year	2nd Year	3rd Year	Total
India – Singapore				
Number of persons x visits				

Expenditure on Airfare, visa, transport and related expenditure in India				
Accommodation charges in Singapore				
Perdiem in Singapore				
Total budget				

10.6 Justification for travel.

10.7 Details of Budget proposed for Contingencies/ other costs Budget (in Rupees)

	1st Year	2nd Year	3rd Year	Total

10.8. Justification for specific costs/ contingences

10.9 Equipment available with the Indian Institute/ Group/ Department/ Other Institutes for the project:

Equipment available with	Generic Name of Equipment	Model, Make & year of purchase	Remarks including accessories available and current usage of equipment
PI & his group			
PI's Department			
Other Inst In the region			

10.10. Details of any other item of budget proposed and its justification

**10.11. Is this research currently being supported by other sources?**

YES	NO
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If yes, please indicate the sources, amounts and periods of support.

**10.12. Has this project been submitted to other agencies for financial support?**

YES	NO
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If yes, please indicate which agencies, and when.

**b. Budget plan (Project Cost) – Singapore side**

Please fill in the budget breakdown and justifications of each item in the budget excel. The table below should be a summary of each vote.

Please indicate the amount in exact amount (not rounding).

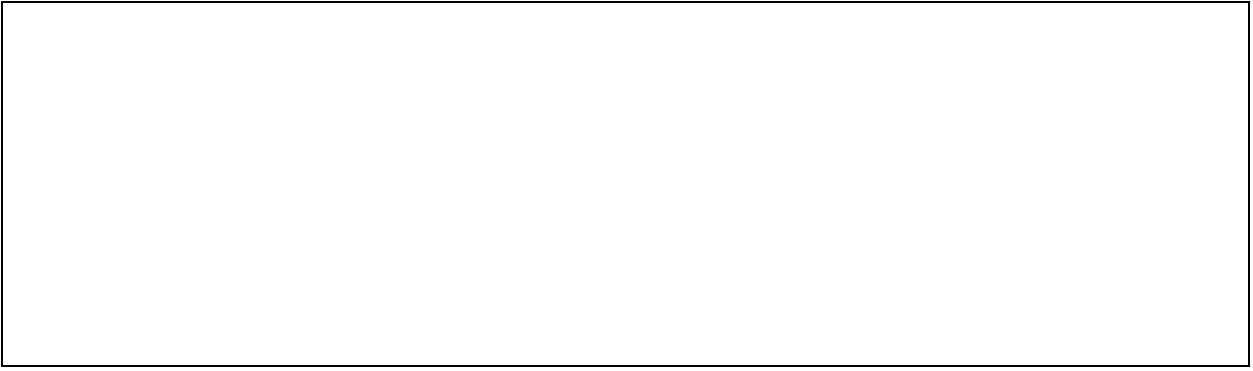


	Year 1(\$)	Year 2(\$)	Year 3(\$)	Total (\$)
<b>Expenditure on Manpower (EOM)</b>				
<b>Equipment (EQP)</b>				
<b>Other Operating Expenses (OOE)</b>				
<b>Overseas Travel (OT)</b>				
<b>Research Scholarship (RS)</b>				
<b>Subtotal for Direct Costs</b>				
<b>Indirect costs (30%)</b>				
<b>GRAND TOTAL</b>				

**c. Resource Commitment (IP Arrangement, if any)**

Provide a breakdown of the resources committed by each participant. Specific to the IP arrangement, outline the planned agreement between the project participants:

- i. How will IPs by each participant be treated entering the project,
  - a. Please mention any possible conflict of IP issues that might be relevant for the project. It should be illustrated whether the project is already the subject of any other research/developments/studies/patents/existing intellectual property rights (own and third-party) including status of domestic and foreign markets, related technology analysis, etc.)
- ii. How will IPs be developed during the course of the collaboration be treated,
- iii. How will IPs be treated at the end of the project. Please indicate plans such as cooperation in follow-up projects, early-stage agreement on the splitting of export markets, sales and/or licensing, possibility of technology transfer and planning for securing intellectual property rights.



## 11. MILESTONES AND PERFORMANCE INDICATORS

Propose detailed scientific milestones for the research proposal. These will be used to assess the progress of the study. The progress of the project will be taken into consideration for continued disbursements of funds.

Please shade onto the corresponding quarter(s) of the year where the milestones / deliverables are to be conducted over.

Research Milestones / Deliverables	Year 1				Year 2				Year 3			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Milestone/Deliverable 1: XXX (Commence on Y1 Q1)												
Milestone/Deliverable 2: XXX (Commence on Y2 Q2)												

## 12. Acknowledgment

In submitting this application form, all Principal Investigators (PIs), Co-Principal Investigator(s) and Co-Investigator(s) (Co-Is) acknowledge that this is an A\*STAR and DST bi-partisan programme and that both agencies will use the information we provide in accordance with the following:

- DST & A\*STAR Joint Call for Proposals Guidelines
- Applicable Singapore laws
- Applicable India laws.

Accordingly, we understand that A\*STAR and DST may share any personal information provided in this application with personnel, contractors and third-party providers:

- for purposes directly related to administering the program, including governance, research and the distribution of funds to successful applicants.
- to facilitate research, assessment, monitoring and analysis of programmes and activities unless otherwise prohibited by law.

We understand that information that is deemed 'confidential' in accordance with the grant opportunity guidelines may also be shared for a relevant Singaporean or Indian government purpose.

A\*STAR and DST may publish information on individual grants in the public domain, including on its websites, unless otherwise prohibited by law.

**Declaration from Principal Investigators, Co-Principal Investigator(s) and Co-Investigator(s) (Co-Is)**

In submitting the application form, all Principal Investigators (PIs), Co-Principal Investigator(s) (Co-PIs) and Co-Investigator(s) (Co-Is) declare that the Government of India, Department of Science and Technology (DST) and Agency for Science, Technology and Research (A\*STAR) Singapore Joint Call for Proposals Guidelines including the privacy, confidentiality and disclosure provisions were read and understood.

We declare that we will comply with and require that our subcontractors and independent contractors comply with, all applicable laws.

We declare that we meet all the requirements and criteria outlined in the grant call.

We declare that the information contained in this application together with any statement provided is, to the best of my knowledge, accurate, complete and not misleading.

We acknowledge that we may be requested to provide further clarification or documentation to verify the information supplied in this form and that the administering agency may, during the application process, consult with other government agencies or third-party providers, about the applicant's claims and may also engage external technical or financial advisors to advise on information provided in the application.

We agree to participate in the periodic evaluation of the services undertaken by the implementing agency.

We approve the information in this application being communicated to A\*STAR and DST in electronic form.

We acknowledge that if A\*STAR and DST are satisfied that any statement made in an application is incorrect, incomplete, false or misleading the administering entity may, at its absolute discretion, take appropriate action. We note such action may include excluding an application from further consideration; withdrawing an offer of funding; and/or for a grant under management, terminating a grant agreement between the relevant implementing agency (A\*STAR or DST).

We declare that we have appointed the appropriate team member submit this form on behalf of the research team. In checking this checkbox, all Principal Investigators (PIs), Co-Principal Investigator(s) (Co-PIs) and Co-Investigator(s) (Co-Is) acknowledge that they have read, understand and agree on the above acknowledgements and declarations.

☐ **All participants AGREE to the terms of this section.**

### 13. UNDERTAKING BY PRINCIPAL INVESTIGATOR AND ALL CO-INVESTIGATORS

In signing the Grant Application, the Principal Investigator and all Co-Investigator(s) UNDERTAKE, on any Grant Award, to:

- Not send similar versions or part(s) of this proposal to other agencies for funding.
- Submit supporting documents of ethics approval obtained from the relevant Institutional Review Board (IRB) and Animal Ethics Committee for studies involving human subjects/human tissues or cells, and animal/animal tissues or cells respectively. (if applicable)
- Be actively engaged in the execution of the research and comply with all laws, rules and regulations pertaining to animal and human ethics, including the Singapore Good Clinical Practice guidelines. (for Singapore applicants only if applicable)
- Ensure that DST and A\*STAR funding is acknowledged in all publications.
- Ensure that all publications arising from research wholly or partly funded by DST and A\*STAR will be forwarded to DST and A\*STAR.
- Obtain approval from the Funding Agency before engaging in any commercial activity that will exploit the findings of the research funded by Councils.
- State that this project is funded by A\*STAR and DST when disclosing the research result.

***I / We declare that the facts stated in this application and the accompanying information are true and that this is an original and latest version of the proposal.***

***I / We also declare that no other versions of this proposal (or parts thereof) with similar objectives, scope, deliverables or outcomes have been or will be submitted to any other funding bodies.***

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Name and Signature of Principal Investigator (Indian)  
Date:

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Name and Signature of Principal Investigator (Singapore)  
Date:

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Name and Signature of Co-Investigator (Indian)  
Date:

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Name and Signature of Co-Investigator (Singapore)  
Date:

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Name and Signature of Co-Investigator (Indian)  
Date:

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Name and Signature of Co-Investigator (Singapore)  
Date:

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Name and Signature of Co-Investigator (Indian)  
Date:

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Name and Signature of Co-Investigator (Singapore)  
Date:

## 14. UNDERTAKING BY THE INSTITUTION

To be completed by the Executive Director (or equivalent) and/or with the appropriate endorsement by the respective Host Institution (by the Chief Executive Director, Executive Director, the Director of Research or equivalent).

Specific Comments (if any)

In signing the Grant Application, the Host Institution UNDERTAKES to:

- Confirm the accuracy and completeness of the information submitted.
- Ensure that the applicant is independently salaried by the institution for the entire period of the grant.
- Ensure that the budget is appropriate and reasonable (e.g., no double funding/excessive purchase of equipment), and is aligned with the Host Institution's HR and other policies.
- Ensure that the proposed research will be conducted in the Host Institution.
- Provide adequate resources to the applicant for the entire grant period (e.g., lab spaces, mentorship and career development support).
- Ensure that the funds provided are used for appropriate purposes.
- Ensure that the study complies with all laws, rules and regulations pertaining to national and the institution's research operating procedures and guidelines.

***The Institution supports/does not support\* this proposal.***

Signature of the Heads of the Institutions

► **Head of the Indian Institution**

Name:

\_\_\_\_\_

Designation:

\_\_\_\_\_

Institution:

\_\_\_\_\_

Signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

*\* Please delete where appropriate*

► **Designated authority at Singapore Institution**

Name:

\_\_\_\_\_

Designation:

\_\_\_\_\_

Institution:

\_\_\_\_\_

Signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

*\* Please delete where appropriate*