

**DST – Innovation Fund Denmark Call for Joint Research Proposals  
Application Forms for Joint Research Projects  
(For Indian Scientists)**

Ref No. \_\_\_\_\_  
(to be filled by DST/)

**PROJECT SUMMARY**  
*(Not more than 1 and half page)*

**Project Title:**

**Name of Prototype/Device proposed to develop with TRL**

**level: Use of proposed device and Potential User (One line):**

**Indian PI Name:**

**Age:**

**Contact No. Mobile & Office:**

**Email ID:**

**Danish PI:**

**Contact No. Mobile & Office:**

**Email ID:**

**Total Cost:**

**Duration:**

**Manpower:**

**Equipment proposed:**

**Industry Partner (if any):**

**Industry' financial Contribution (if any):**

**Objectives:**

**Methodology (in brief 150 words):**

**Deliverables:**

**Budget Details:**

Sr. No.	Items	Budget( in Lakhs)			
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1.	Equipment's				
2.	Salaries/ Fellowship s(Name & No.)				
3.	Consumables				
4.	Travel				
5.	Contingencies				
6.	Overhead Expenses*				
<b>Total</b>					

Any other relevant information including Novelty /Details of Proof of Concept/Prototype developed by Investigator/Team:- (maximum 150 words):-

## **PART-A PROJECT IDENTIFICATION**

1. Research Field for Cooperation :
2. Sub-field of Proposed Research Field :
  
3. Title of Joint Research Project
  
  
  
4. Proposed Period of Joint Research Project : \_\_\_\_\_ Months
5. Proposed Budget from Indian Side : Rs.
6. Proposed Budget from Danish Side : Euro.
7. Indian Principal Investigator (PI):
  - Name : \_\_\_\_\_ Date of Birth : \_\_\_\_\_
  - Designation :
  - Organization :
  - Division/ Department
  - Postal Address
  
  - Telephone No. : (Office) \_\_\_\_\_ (Residence) \_\_\_\_\_
  - Fax No. \_\_\_\_\_ E-Mail \_\_\_\_\_
8. Danish Principal Investigator (PI):
  - Name :
  - Designation :
  - Organization :
  - Division/ Department
  - Postal Address
  
  - Telephone No. : (Office) \_\_\_\_\_ (Residence) \_\_\_\_\_
  - Fax No. \_\_\_\_\_ E-Mail \_\_\_\_\_

9. Indian Co-Principal Investigator (Co-PI):

Name :	Date of Birth :
Designation :	
Organization :	
Division/ Department	
Postal Address	
Telephone No. : (Office)	(Residence)
Fax No.	E-Mail

10. Danish Co-Principal Investigator (Co-PI):

Name :	
Designation :	
Organization :	
Division/ Department	
Postal Address	
Telephone No. : (Office)	(Residence)
Fax No.	E-Mail

11. Other Researchers in Indian Research Team

11.1 Name : Date of Birth :

Designation :	
Organization :	
Division/ Department	
Telephone No. : (Office)	(Residence)
Fax No.	E-Mail

11.2 Name : Date of Birth :

Designation :	
Organization :	
Division/ Department	
Telephone No. : (Office)	(Residence)
Fax No.	E-Mail

11.3 Name : Date of Birth :

Designation :	
Organization :	
Division/ Department	
Telephone No. : (Office)	(Residence)
Fax No.	E-Mail

11.4 Name :  
Designation :  
Organization :  
Division/ Department  
Telephone No. : (Office) (Residence)  
Fax No. E-Mail

11.5 Name :  
Designation :  
Organization :  
Division/ Department  
Telephone No. : (Office) (Residence)  
Fax No. E-Mail

## 12. Other Researchers in Danish Research Team

12.1 Name :  
Designation :  
Organization :  
Division/ Department

12.2 Name :  
Designation :  
Organization :  
Division/ Department

12.3 Name :  
Designation :  
Organization :  
Division/ Department

12.4 Name :  
Designation :  
Organization :  
Division/ Department

12.5 Name :  
Designation :  
Organization :  
Division/ Department

**B. TECHNICAL INFORMATION**

1. Aim / Joint Abstract of the Project: (What will you achieve with the project?)
2. Justification for collaboration :  
(Why do you want to make the project as a joint Indo-Danish project?)
3. State-of-the-art
4. Relevance of the project
5. Research plan:  
(no more than 8 / 15 pages for individual / consortium proposals respectively), including a clear description of the planned research and research collaboration, Year-wise and country-wise distribution of work and methods of implementation and description of any researcher training to be carried out within the project.
6. Risk Management :  
(Identify, assess and prioritise the most important risks in the project with reference to the listed milestones. Briefly describe the plan to mitigate the specific risks and reduce the projects overall risk profile.)
7. Technology Readiness Levels (TRL)  
[State the projects expected start and end Technology Readiness Levels (TRL) and also provide comments, if any]  
**Start TRL: [ ]                      End TRL: [ ]**
8. Societal Readiness Levels (SRL)  
[State the projects expected start and end Societal Readiness Levels (SRL) and also provide comments, if any]  
**Start SRL: [ ]                      End SRL: [ ]**
9. Legal, ethical or regulatory demands:
10. Value creation - growth and employment:
11. Project outcome recipients:
12. Implementation:
13. Intellectual Property Rights :  
(Are any of the expected results likely to have commercial value? How do you propose to share intellectual property rights?)

12. Facilities related to project activity available at the institutions where the project will be carried out:

At the Collaborating Indian Institutions	At the Collaborating Danish Institutions

13. Number of exchange visits required to achieve the project objectives (Year wise)

	INDIA TO DENMARK		DENMARK TO INDIA	
	Number of persons x visits	Duration for each person's visit	Number of persons x visits	Duration for each person's visit
1 <sup>st</sup> Year				
2 <sup>nd</sup> Year				
3 <sup>rd</sup> Year				

14. Expected final results of Cooperation (e.g. joint publications, patents etc.)

Are any of the expected results likely to have commercial value? (Up to 100 words)

15. Bio-data of Indian and Danish investigators to be attached as annexures.

(Description should highlight the expertise of PI(s) and other members of the project team in the proposed field of work supported by citing relevant publications only. (To be appended in about 2 pages).

**16. Research History of both PIs. (Ongoing / Completed projects with the PIs (last 5 years))**

**Indian PI**

**National Projects:**

S. No.	Project Title	Sponsoring Agency	Budget	Status

**International Projects:**

S. No.	Project Title	Name of the Collaborating Scientist & Institute	Sponsoring Agency	Budget	Status

## Danish PI

### **National Projects:**

S. No.	Project Title	Sponsoring Agency	Budget	Status

### **International Projects:**

S. No.	Project Title	Name of the Collaborating Scientist & Institute	Sponsoring Agency	Budget	Status

### **C. Proposed Project Budget from the Indian Side and its justification**

#### 1. Summary of Budget Estimates (in Rupees)

Item	1st Year	2nd Year	3rd Year	Total
1. Equipment				
2. Salaries/wages				
3. Consumables				
4. Travel				
5. Exchange Visits				
6. Contingency **				
7. Other costs, if any				
<b>TOTAL</b>				

#### 2. Budget for Equipment:

Sr. No.	Equipment / Accessories	Make & Model	Imported / Indigenous	Estimated Cost	F.E. Component
<b>TOTAL</b>					

Justification for equipment proposed.



3. 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 (As per OM. No. SR/S9/Z-08/2018 dated 30.01.2019 and SR/S9/Z-05/2019 dated 21.08.2019)

3.1. Justification for the manpower requirement.

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

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

4.1 Justification for consumable (Quantified list to be provided)

5. Details of Budget proposed for Internal Travel budget in India (in Rupees)

	1st Year	2nd Year	3rd Year	Total
Number				
Budget in Rs.				

5.1 Justification for travel .

\*\* Please note under the contingency head, budget for only expected contingent expenditure should be project. As per DST norms maximum Rs. 50,000 per year is allowed under the contingency head.

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

	1st Year	2nd Year	3rd Year	Total
India – Denmark				
Number of persons x visits				
Expenditure on Airfare, visa, transport and related expenditure in India				
Denmark – India				
Number of visits and Mandays for each visit				
Expenditure on Hospitality (per diem @ 2500 per day including local transport + accommodation) for short term visit upto 21 days and for longterm visit for 2 months (per diem @ 25000 per month including local transport + accommodation)				
Total budget				

6.1 Justification for travel .

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

	1st Year	2nd Year	3rd Year	Total

7.1. Justification for specific costs/ contingences

8. List of facilities being extended by parent institution(s) for the project implementation.

9. Equipment available with the 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. Details of any other item of budget proposed and its justification

**D OTHER SOURCES OF SUPPORT**

**1 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.

**Indian side:**

**Danish side:**

**2 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.

**Indian side:**

**Danish side:**

**3. Please indicate name of atleast 3-4 Indian senior scientists working in this field:**

NO	NAME	INSTITUTION	TEL & POSTAL ADDRESS	E-MAIL
1.				
2.				
3.				

SIGNATURES OF THE INDIAN AND DANISH PRINCIPAL INVESTIGATORS

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INDIAN

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DANISH

DECLARATION FROM THE HEADS OF THE COLLABORATING INSTITUTIONS

It is certified that:

- (i) The Institutions agree to participate in this joint research project;
- (ii) The Institutions shall provide infrastructure and necessary facilities for implementing the joint project;
- (iii) The Institutions assume to undertake financial and other management responsibilities for the part of the project work to be carried out at their institution; and
- (iv) The back-up funding for human resources, consumable, etc. is available to this project.

SIGNATURE & SEAL OF THE HEAD OF THE INSTITUTIONS

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INDIAN

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DANISH