



Ministry of Science &  
Technology  
ISRAEL



Ministry of Science &  
Technology  
INDIA

**INDIAN-ISRAELI JOINT RESEARCH COOPERATION  
Call for Project Proposals  
2020-2021**

1. Advanced materials for next gen solar energy
2. Quantum devices And Quantum Technologies for sensing imaging and communication

**Title (In English)**

**Title (In Hebrew) (must be added)**

**Title (In German) (must be added)**

**Five Keywords (In English) (Must be added)**

### Indian Principal Investigator

Name, institutional affiliation and contact of co-principal Indian investigator (Head of team IN1)

First Name:
Last Name:
Gender:
Degree:
Position:
Laboratory:
Research institution /University:
Address:
Tel:
E-mail:
Date:
Signature:

### Gender relevance

Please describe the gender relevance of your topic (if relevant).

Please note that this question does not refer to gender balance in the teams in charge of carrying out the project but to the content of the planned research and innovation activities. Sex and gender analysis refers to biological characteristics and social/cultural factors respectively. For guidance on methods of sex / gender analysis and the issues to be taken into account, please refer to

[http://ec.europa.eu/research/swafs/gendered-innovations/index\\_en.cfm?pg=home](http://ec.europa.eu/research/swafs/gendered-innovations/index_en.cfm?pg=home)

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Name, institutional affiliation and contact of partner Indian investigator - **Co-PI** (Head of Team IN2)

First Name:
Last Name:
Gender:
Degree:
Position:
Laboratory:
Research institution /University:
Address:
Tel:
E-mail:

Gender relevance

Please describe the gender relevance of your topic (if relevant).

Please note that this question does not refer to gender balance in the teams in charge of carrying out the project but to the content of the planned research and innovation activities. Sex and gender analysis refers to biological characteristics and social/cultural factors respectively. For guidance on methods of sex / gender analysis and the issues to be taken into account, please refer to

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**List of the main publications for the last three years of the Co-PI (Head of team)**

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## Institutional Authorization

**Signature of the Indian Authorizing Official**

First Name:
Last Name:
Position:
Institution / University:
Date:
Signature:
Stamp of the Institute:

### Israeli Principal Investigator

Name, institutional affiliation and contact of co-principal Israeli investigator (Head of team IL1)

First Name:
שם פרטי:
Last Name:
שם משפחה:
Gender:
Degree:
Position:
Laboratory or Department:
פקולטה/מעבדה/מחלקה:
Research Institution / University:
אוניברסיטה/מכון מחקר:
Address:
I.D. NO. (In full):
Tel (work):
Fax:
Tel (cell):
E-mail:
Date:
Signature:

### Gender relevance

Please describe the gender relevance of your topic (if relevant).

Please note that this question does not refer to gender balance in the teams in charge of carrying out the project but to the content of the planned research and innovation activities. Sex and gender analysis refers to biological characteristics and social/cultural factors respectively. For guidance on methods of sex / gender analysis and the issues to be taken into account, please refer to

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Name, institutional affiliation and contact of partner Israeli investigator - **Co-PI** (Head of Team IL2)

First Name:
שם פרטי:
Last Name:
שם משפחה:
Gender:
Degree:
Position:
Laboratory or Department:
פקולטה/מעבדה/מחלקה:
Research Institution / University:
אוניברסיטה/מכון מחקר:
Address:
I.D. NO. (In full):

Tel (work):
Fax:
Tel (cell):
E-mail :

### Gender relevance

Please describe the gender relevance of your topic (if relevant).

Please note that this question does not refer to gender balance in the teams in charge of carrying out the project but to the content of the planned research and innovation activities. Sex and gender analysis refers to biological characteristics and social/cultural factors respectively. For guidance on methods of sex / gender analysis and the issues to be taken into account, please refer to

[http://ec.europa.eu/research/swafs/gendered-innovations/index\\_en.cfm?pg=home](http://ec.europa.eu/research/swafs/gendered-innovations/index_en.cfm?pg=home)

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### **Institutional Authorization**

***Signature of the Israeli Authorizing Official (Regarding the Israeli side only)***

First Name:
Last Name:
Position:
Institution / University:
Date:
Signature:
Stamp of the Institute:

**List of the main publications for the last three years of the Co-PI (Head of team**

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**Abstract**

The abstract should not exceed one page and should present:

1. Objectives
2. Methodology
3. Potential scientific contribution of the proposed research
4. Mode of cooperation and added value

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## A. Scientific Justification and work plan

This section should describe the background and the proposed research. The mode of cooperation between the Indian and Israeli groups should be evident, and the added value provided by the collaboration

The project description should include:

1. Detailed description of the research topic including the state of the art in the research field and a discussion of the scientific and technological background of each element of the project.
2. Expected scientific, social and economic contribution of the project.
3. Detailed research program, including specific goals, methodology and work plan. Key scientific issues should be emphasized. The roles of Indian and Israeli partners in carrying out the proposed research plan should be indicated, and the mode of integrating the work of the teams should be described.
4. Description of available research resources, including short CV's of research team members and inventory of relevant equipment.
5. Bibliography of relevant literature.
6. Letter of Agreement for the cooperation for all P.I.s

Please number the sections of the project description according to the numbers in the list above.

Items 1 through 3 are limited to a total of **8 pages**.

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**B. Summary of budget required for both parts of the project.**

Indicate here the total funds requested by the research groups from both countries.

Table 1: SUMMARY OF BUDGET REQUIRED FOR BOTH PARTS OF THE PROJECT.

INDIAN/ ISRAELI PART	EXPENSES DETAILS	FIRST YEAR	SECOND YEAR	THIRD YEAR
• INDIAN PART ( <b>Rs</b> ),	•			
	•			
	•			
	•			
	<b>TOTAL (Funding in Rs)</b>			
ISRAELI PART ( <b>NIS</b> )	• travel, seminars, meetings			
	• supplies and materials			
	• salaries and scholarships			
	• overhead 15%			
	<b>TOTAL (Funding in NIS)</b>			

### **BUDGET JUSTIFICATION**

Briefly explain and justify the main budget items.

### **OTHER SOURCES OF SUPPORT**

Indicate if this research project (or part of it) has been submitted to another funding source. List these sources.

Has this project been submitted to other funding sources? <input type="checkbox"/> Yes <input type="checkbox"/> No
Funding sources:
Sum requested:
Has the request been approved? <input type="checkbox"/> Yes <input type="checkbox"/> No

If this project has received support from other sources in the past or is currently receiving support, please name the funding sources, the period of support and the amount of support. Rights or obligations in relation to the funding source should be indicated, if in effect. Should it be considered necessary, the research authorities of this program may request presentation of the relevant contracts and information regarding previous stages the project.

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If patent applications have been presented or patents have been registered relating to the research project, please provide the following details: country in which the patent was registered / requested; patent / request number; name of the inventors; etc.

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**C. Budget description (up to 2 pages)**

Detailed budgets should be prepared for the Indian and the Israeli teams separately. Provide only the detailed budget of your side of the network, e.g., the Indian applicants should only provide the detailed budget of Indian side. The amounts are in € for the Indian side and NIS for the Israeli side.

**1. Missions/Travel**

*Table 2: Budget requested from the program.*

Missions/Travel	Budget requested from the program		
	First year	Second year	Third year
<b>Total budget</b>			

**2. Acquisition of scientific and technical tools and equipment/Supplies and Materials**

ACQUISITION OF SCIENTIFIC AND TECHNICAL TOOLS AND EQUIPMENT/SUPPLIES AND MATERIALS	Budget requested from the program		
	First year	Second year	Third year

<b>Total budget</b>			

*Table 3: Budget requested from the program.*

### 3. Human Resources /Salaries

#### ***Human Resources***

Expenses with human resources dedicated or related to the development of R&D activities related to the project execution in all mandatory components by the applicable labour legislation, including charges with grant holders directly supported by the beneficiaries;

#### ***Manpower (Salaries)***

Gross salary includes the following components: basic salary, cost of living increment, seniority increment, family increment, academic qualification and “on-call” increments, including social benefits. Dollar professional advancement fund and sabbatical fund payments may not be included.

#### ***Person Months***

Person Months should be calculated as follows: months of work on the project during the contract period multiplied by the fraction of work time allocated to the research project.

*Table 4: Budget requested from the program.*

Name (if known)	Position in the project	Budget requested from the program					
		Person Months	First year	Person Months	Second year	Person Months	Third year
Total Human Resources/salary budget							