



**MINISTRY OF HIGHER EDUCATION AND
SCIENTIFIC RESEARCH OF THE REPUBLIC OF
TUNISIA
&
DEPARTMENT OF SCIENCE & TECHNOLOGY
(DST), GOVERNMENT OF INDIA**

**Bilateral Scientific and Technological Cooperation
between
The Republic of Tunisia and The Republic of India**

3rd CALL FOR JOINT PROPOSALS (2015)

DEADLINE FOR THE SUBMISSION OF PROPOSALS: *January 29, 2016*

Under the Programme of Cooperation in the fields of Science and Technology for the years 2012-14, the Tunisian Ministry of Higher Education and Scientific Research, (MHESR), and the Indian Department of Science and Technology (DST), Ministry of Science and Technology, invite Tunisian and Indian universities, research centres and institutes to submit joint proposals for scientific and technological research.

I - PRIORITY RESEARCH AREAS

The research fields of mutual interest listed below will be given priority in the present call for proposals. However, proposals in other fields may also be considered within the budgetary limitations.

1. Material sciences
2. Information Science and ICT
3. Renewable Energy Sources,
4. Health Sciences
5. Water Technology
6. Geospatial Technologies,
7. Agriculture Biotechnology

II – WHO CAN APPLY?

The proposals should involve one or preferably more research entities from both sides. The joint application must include one Tunisian and one Indian Principal Investigators, who would be responsible for technical as well as administrative co-ordination of the project and its periodic scientific and financial reporting to the Directorate General of Scientific Research MHSER /DST respectively. The lead Indian applicants should be scientists/ faculty members working in regular capacity in universities, academic institutes and national research and development laboratories/ institutes. The Indian Principal Investigator (PI) should not be retiring or leaving the parent institute during the proposed duration of the project.

III – THE DURATION OF PROJECTS:

The duration of the projects should be of **two years** which could be extended by one year (no additional cost), on the basis of progress assessment, after mutual agreement of both Coordinating Ministries.

IV - FINANCIAL SUPPORT

Financial support for the approved projects is usually provided for:

- Exchange visits of project team members. In the exchange of project researchers, the sending party covers the costs of international travel and the receiving party meets the boarding and lodging expenses.
- Man power
- Consumables and Minor accessories

1. On the Tunisian side:

The budget allocated for each project is \$10,000 per year

V - GUIDELINES FOR PROPOSAL SUBMISSION

Indian and Tunisian applicants shall write common application to be submitted to both Directorate General of Scientific Research (MHESR) and DST, The common application must be written in English.

1. Proposals

- Duly filled relevant application forms distributed by MHESR and the Department of Science and Technology (also available on the websites www.mes.rnu.tn in Tunisia and www.stic-dst.org.in or www.dst.gov.in in India)) which are approved by the heads of the institutions of the coordinators.
- Curricula vitae of both research teams.
- Letter of intent exchanged between the Principal Investigators of the project.

2. Submission

The deadline for the submission of proposals on the both country **is *January 29, 2016***

Only applications endorsed by the competent authority will be accepted

- Indian applicants for funding should submit completed application form and all relevant, clearly labelled attachments in a single email to the email address: jain.s@nic.in to reach by 5:30 pm on **January 29, 2016**. They are also requested to submit three hard copy copies to DST by **February 08, 2015**.

- In Tunisia, Principal Investigators should submit required number of copies of the identical proposal to MHESR (1 hard copies + 2 digital copies).

Electronic submission by the same deadline is compulsory, provided the pages bearing wet signatures are mailed on the submission date.

- Proposals should be submitted/mailed/e-mailed to the following addresses:

Please note that only jointly submitted proposals to GDSR in the Tunisian MHESR and DST will be considered. Proposal submitted only on one side may not be considered.

In Tunisia:

GDSR (General-Directorate of Scientific Research) at the Ministry of Higher Education and Scientific Research

Address: General Directorate of Scientific Research
Avenue Ouled Haffouz - 1030 Tunis, Tunisia.

Tel : +216 71 835 120 / +216 71 835 351

Fax : +216 71 834 264/+216 71 833 450

E-mail : tunisian.indian.coop2016@gmail.com

In India:

Dr. Sulakshana Jain,
Scientist C,
International Bilateral Cooperation Division,
Department of Science & Technology,
Ministry of Science & Technology,

Technology Bhavan, New Mehrauli Road,
New Delhi-110016
Tel: +91-11-26590582
E-mail: jain.s@nic.in

V - EVALUATION OF THE PROPOSALS

Proposals will be evaluated independently by the GDSR in Tunisia and the Department of Science and Technology in India using their own procedures on the following criteria

- Scientific and technological merit
- Suitability and feasibility
- Methodology
- Value addition through collaboration
- National priority
- Capacity building/student involvement
- Multi-institutional /consortia approach
- Participation of industry towards translation of research

Decision towards funding will be mutually agreed based on the grading (on 1 to 10 scales) received on the two sides.



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**APPLICATION FOR A JOINT RESEARCH GRANT UNDER THE TUNISIA/INDIA
AGREEMENT ON SCIENCE AND TECHNOLOGY COOPERATION**

PART I: GENERAL INFORMATION

1. Acronym

2. Title of Project

3. Specific research field

Field	*	Sub-field
Material sciences		
Information Science and ICT		
Renewable Energy Sources,		
Health Sciences		
Water Technology		
Geospatial Technologies,		
Agriculture Biotechnology		

✘please be sure to be specific.

4. Project Duration

Project Start Date:	Project End Date:	Duration
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5. Budget

	Ist Year	IInd Year	IIIrd Year without finance	TOTAL
Overall Budget Distribution TND:				
Overall Budget Distribution INR:				

6. Summary of Project

Keywords			
Objectives			
Approach			
Expected Outcome			

※ Attention - font: Times New Roman, size: 11 points / Do not exceed space provided.

7. Personal Data

	INDIA	Tunisia
Name of PI		
Nationality)		
Gender		
Organization		
Department		
Title		
Address of Institution		
Office phone #		
Cell phone #		
Fax #		
e-mail		
Date of Birth		
Name of Co-Investigator		
Organization		
Department		
Title		
Address of Institution		
Office phone #		
Cell phone #		
Fax #		
e-mail		

Names and affiliations of Tunisian researchers/students to participate in the project (add rows where required)

Full name and state if researcher or student	Current Academic Qualification	Institution	Nationality	Gender

Names and affiliations of Indian researchers/students to participate in the project (add rows where required)

Full name	Current Academic Qualification	Institution	Nationality	Gender

PART II: TECHNICAL INFORMATION

1. Objectives of Project (up to 200 words)

2. Justification for collaboration & brief introduction to the national and international backdrop to the proposed area of research (up to 400 words)

3. Technical description of the project including methodology

✂Attention - font: Times New Roman, size: 11 points / Do not exceed space provided.

A large, empty rectangular box with a black border, occupying most of the page. It is intended for the student to write their answer to the question above.

4. Plan of work (*per annum*)

Timeline	Responsibilities of Indian team	Responsibilities of Tunisian team
1 st Year (yyyy)		
2 nd Year (yyyy)		

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

At the Collaborating Indian Institutions	At the Collaborating Tunisian Institutions

6. Information of visiting persons for technical mission (*per annum*).

A. India to Tunisia

	Name	Organization	Duration	Purpose
1 st Year				
2 nd Year				

If accepted

B. Tunisia to India

	Name	Organization	Duration	Purpose
1 st Year				
2 nd Year				

✘ Attention: Please add lines if necessary.

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

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

PART III - BIOGRAPHICAL AND PROFESSIONAL INFORMATION

1. Personal Data of Indian and Tunisian investigators to be attached.

※ Describe the expertise of the PI(s) in the proposed field of work by citing relevant publications. Do not exceed one pages A4 size for each PI (Font: Times New Roman, size: 11 points).

Principal Investigator – Indian (This resume concerns the Principal Indian Investigator whose name appears in Part 1.)

Title	
First Names	
Family Name	
Nationality	
Year of Birth	

Resume (Relevance of the researcher's professional background to the proposed research).

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In addition, please enclose abbreviated Curriculum Vitae, which should include the following:

1. Academic and professional training, including names of institutions, years of study, degrees and diplomas.
2. Academic and professional experience, including names of institutes and companies, role and period.
3. Research areas (detailed areas of research in which the researcher has been involved).
4. Publications and patents (during last two years).
5. Any additional detail which may assist in evaluating the professional background of the researcher.

Principal Investigator - Tunisia (This resume concerns the Principal Tunisian Investigator whose name appears in Part 1).

Title	
First Names	
Family Name	
Nationality	
Year of Birth	

Resume (Relevance of the researcher's professional background to the proposed research).

In addition, please enclose abbreviated Curriculum Vitae, which should include the following:

1. Academic and professional training, including names of institutions, years of study, degrees and diplomas.
2. Academic and professional experience, including names of institutes and companies, role and period.
3. Research areas (detailed areas of research in which the researcher has been involved).
4. Publications and patents (during last two years).
5. Any additional detail which may assist in evaluating the professional background of the researcher.

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

Tunisian 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

PART IV: FINANCIAL INFORMATION

Budget plan (Project Cost) – Indian side

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

(Rs.)

	1 st Financial Year	2 nd Financial year
Consumables and Accessories		
Manpower		
Contingency		
Visit of Indian Scientists to Tunisia		
Visit of Tunisian scientist to India (Local hospitality)		
Total		

- ❖ Please list our consumable and accessories items
- ❖ Full justification should be given for each budget head

Budget plan (Project Cost) – Tunisian side

(TND)

Consumables and Accessories		
Manpower		
Contingency		
Visit of Tunisian scientist to India		
Visit of Indian scientist to Tunisia (local hospitality)		
Total		

PART V 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:

Tunisian 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:

Tunisian side:

3. PLEASE IDENTIFY THE NAMES OF AT LEAST SIX PEER REVIEWERS:

NO	NAME	INSTITUTION	TEL & POSTAL ADDRESS	E-MAIL
1.				
2.				
3.				
4.				
5.				
6.				

A. Signatures of the Principal Investigators & Institutions

▶ **Indian PI**

Name _____ Signature _____ Date _____

▶ **Tunisian PI**

Name _____ Signature _____ Date _____

B. 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 necessary facilities for implementing the Joint Research Project;
- iii) the Institutions assume financial & other management responsibilities for the duration of the project to be carried out at their institution; and
- iv) the back-up funding for manpower, consumable etc. is available for this Joint Research Project.

Signature of the Heads of the Institutions

▶ **Head of the Indian Institution**

Name _____ Signature _____ Date _____

▶ **Designated authority at Tunisian Institution**

Name _____ Signature _____ Date _____