**CZECH-INDIAN COOPERATIVE SCIENTIFIC RESEARCH**

**– Call for Joint Project Proposals 2019-2022**

## Title (In English) (must be added)

## Title (In Hindi, must be added by the Indian PI)

## \*must be added by Indian PI

## Title (In Czech, must be added by the Czech PI)

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

## Areas of Research

## Number of ongoing projects as PI/ CO-PI funded by Department of Science and Technology (to be completed only by the Indian side)

## Czech Principal Investigator

Name, institutional affiliation and contact of co-principal Czech investigator (Head of team CZ1)

First Name:

Last Name:

Gender:

Degree:

Position:

Laboratory:

Research institution /University:

Address:

Tel:

E-mail:

Date:

Signature:

Name, institutional affiliation and contact of partner Czech investigator - **Co-PI** (Head of team CZ2)

First Name:

Last Name:

Gender:

Degree:

Position:

Laboratory:

Research institution /University:

Address:

Tel:

E-mail:

## List of the main publications for the last three years of the PI (Head of team)

## Institutional Authorization

### Signature of the Czech Authorizing Official

First Name:

Last Name:

Position:

Institution / University:

Date:

Signature:

Stamp of the Institute:

## 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 or Department:

Research Institution / University:

Address:

I.D. NO. (In full):

Tel (work):

Fax:

Tel (cell):

E-mail:

Date:

Signature:

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

First Name:

Last Name:

Gender:

Degree:

Position:

Laboratory or Department:

Research Institution / University:

Address:

I.D. NO. (In full):

Tel (work):

Fax:

Tel (cell):

E-mail:

## Institutional Authorization

### Signature of the Indian Authorizing Official (Regarding the Indian 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 PI (Head of team)

**Abstract**

(This part should be agreed by the Czech and the Indian side.)

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

###### Scientific Justification and Work Plan

This section should describe the background and the proposed research. The mode of cooperation between the Czech and Indian groups should be evident, and the added value provided by the collaboration. (This part should be agreed by the Czech and the Indian side.)

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 Czech and Indian 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**.

###### Summary of budget required for both parts of the project

(Indicate here the total funds requested by the research groups: Indian counterpart is expected to fill budget from Indian side only. Czech counterpart is expected to fill budget from Czech side only.)

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

| **CZECH / INDIAN PART** | **EXPENSES DETAILS** | **FIRST YEAR** | **SECOND YEAR** | **THIRD YEAR** |
| --- | --- | --- | --- | --- |
| CZECH PART (in thousands CZK) | * Personnel costs |  |  |  |
| * Depreciation of fixed assets |  |  |  |
| * Other goods and services |  |  |  |
| * Outsourcing |  |  |  |
| * Travel costs of members of the Czech investigator |  |  |  |
| TOTAL (Funding in thousands CZK*)* |  |  |  |
| INDIAN PART (Rupees) | * Manpower |  |  |  |
| * Consumables |  |  |  |
| * Exchange visit expenses with number of visits and days per visit including Medical, VISA expenses and per diem |  |  |  |
| * Consumable |  |  |  |
| * Overhead Charges |  |  |  |
| TOTAL (Funding in Rupees) |  |  |  |

###### C. BUDGET JUSTIFICATION

Briefly explain and justify the main budget items.

###### D. OTHER SOURCES OF SUPPORT

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

(kindly indicate the value of in-kind/ grant contribution for manpower, equipment, infrastructure etc. related to project objectives from host institute/ other funding agency or industry partner). Industry partner is encouraged to contribute in case of proposed applied research.

Has this project been submitted to other funding sources?  Yes  No

Funding sources:

Sum requested:

Has the request been approved?  Yes  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.

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.

###### Budget description (up to 2 pages)

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