# PRE-PROPOSAL FORMAT

Information provided in this form will be used for screening purposes to assess the relevance and suitability of the proposal for ARG program. Only shortlisted pre-proposals will proceed to next round where full proposals will be evaluated. Please answer all questions precisely and accurately.

1. **Project Title :** *[Max 25 words]*

2. **Project Duration:** *[in months]*

3. **Project Summary:** *[Max 500 words]*

   *(The project summary should explain the precise problem statement, research questions to be addressed, scientific challenges involved, and novelty of the proposal. This has to be consistent with answers to the other questions below. (Limit: 400 words)*

4. **Keywords:** *[Max 6]*

   *(Select at least 3 and at most 6 keywords that best describe the area, topic, and problems being tackled in the proposal. Max length of any keyword should not exceed more than 30 characters)*

5. **Objectives of the Project (in bullets) :** *[Max 250 words]*

   *(These should be very specific, to be given in bullet points for the work to be carried out (not more than **5 bullet points**). These will serve as evaluation criteria at the project monitoring stage in case funded.*

6. **Novelty & Significance**

   *(Provide, up to 5 points, of up to 20 words each, to highlight the novelty, significance, and non-triviality of the proposed work. It should be clear if the problem is completely new or you are proposing novel or efficient ways to solve a known problem and how you are non-trivially advancing the state-of-the-art. There will be an emphasis on encouraging novel and high-impact research, while incremental work in well-established areas will be given lower priority. Bring out the intellectual challenges involved.)*

7. **Preliminary work done, if any:** *[Max 250 words]*

### 8. Research Methodology (600 words)

*(Provide a clear description of the research methodology to be employed for the project, highlighting its feasibility and connection to outcomes and deliverables. Limit: 600 words. In addition, an illustrative picture/drawing/diagram that captures the essence of the proposed work and methodology may be included (only one picture/drawing/diagram with a clear legend). Size of image to be within 1 MB.)*

### 9. GANT/PERT Chart for the project with timelines for the proposed duration
*(Upload Jpeg image max file size 250KB)*

### 10. Technology Readiness Level (TRL) of the project: At the 'beginning of the project' and expected to be at the 'end of the project'

Select one or more options that most accurately capture the essence of the proposal:

1. Fundamental research in the basic sciences, mathematics, engineering sciences, or social sciences.
2. Research towards development of technology

### 11. Expertise of PI & Co-PI: Note that the ARG scheme especially encourages collaborative research and inter-disciplinary research.
    i. List up to five relevant papers published and five granted patents on relevant topic (Limit: 200 words)

**Principal Investigator**

| Papers |
|---|
| |

| Patents |
|---|
| |

**Co-Principal Investigator**

| Papers |
|---|
| |

| Patent |
|---|
| |

ii. List of projects implemented/being implemented by the investigator (list all).

| Project Title | Funding Agency | Duration | Sanction Cost | PIs / Co-PI name |
|---|---|---|---|---|
|  |  |  |  |  |

## 12. Details of collaboration, if any:

**Collaborator/s** Name, Role in the project, Institute, Budget requirement(if any), Justification for budget requirement

| Name & Affiliation | Role in the project | Institute | Budget requirement | Justification |
|---|---|---|---|---|
|  |  |  |  |  |

## 13. Expected outcome of the proposal: *[Max 250 words]*

*(The products, services or facilities that would result from the project activities, and the potential benefits that may accrue, may be highlighted.)*

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## 14. Total Budget proposed for the project:
   (a) Budget for PI (Recurring + Nonrecurring):
   (b) Budget for Co-PI (Recurring + Nonrecurring):