**Project Title**

**COE-DSAI SEED GRANT PROPOSAL**

**PI Details**



**Centre of Excellence in Data Science and Artificial Intelligence**

**Thapar Institute of Engineering and Technology**

**Patiala 147004**

April 2025

**SECTION A**

1. Project Title
2. Sub Area:
3. Total Cost:
4. Duration in months:
5. Name of the Project Investigator (UoQ/TIET):

* Designation:
* Department /School
* Area of Specialization
* Date of Joining the Institute
* Date of Award of Ph.D Degree

1. Name of the Co-Project Investigator-1 (UoQ/TIET):

* Designation:
* Department /School
* Area of Specialization
* Date of Joining the Institute
* Date of Award of Ph.D Degree

1. Name of the Co-Project Investigator-2 (UoQ/TIET):

* Designation:
* Department /School
* Area of Specialization
* Date of Joining the Institute
* Date of Award of Ph.D Degree

| **S.No.** | **Name** | **Role** | **PI/Co-PI** | **Institute** |
| --- | --- | --- | --- | --- |
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**SECTION B**

1. Project Title
2. Project summary (maximum 500 words)
3. Keywords:
4. Introduction (under the following heads):

* Origin of the proposal
* Definition of the problem
* Objective

1. Review and status of Research and Development in the subject:

* International Status
* National Status
* Importance of the proposed project in the context of current status
* References

1. Work plan:

* Methodology
  + Including details of Field Trials, Testing and Validation of Proposed Intervention
* Organization of work elements
* Time schedule of activities giving milestones (also append to bar diagram)
* Deliverables

1. Society Impact:
   1. Including details of PoC development/present TRL level (if relevant)
2. Industry Partner:
3. Facilities available at TIET/UoQ:
4. Stakeholder/Domain Expert/Clinical Intervention Expert (Outside UoQ/TIET)
5. Budget requirement with justification (Consumables, Equipment, Contingency)

|  | **Item** | **Budget** | | | **Justification** |
| --- | --- | --- | --- | --- | --- |
| **A** | **Recurring** | 1st year | 2nd year | Total |  |
|  | Manpower |  |  |  |  |
|  | Consumables |  |  |  |  |
|  | Contingency |  |  |  |  |
|  | Travel |  |  |  |  |
| **B** | **Non-Recurring** |  |  |  |  |
|  | Equipment |  |  |  |  |
|  | GPU Requirement |  |  |  |  |

1. Any other information the investigator may like to give in support of his proposal.