

INSTRUCTIONS FOR ACADEMIA-INDUSTRY COLLABORATIVE PROJECT
UNDER CATEGORY-I

1) Industry-Academia Collaborative project submission criteria for Participating Institutions in Category-I:

1. Under this category, Grant-in-aid support up to Rs. 5 Crore/per proposal (including fabrication cost) would be provided.
2. The duration of proposals would be **up to 3 years** with targeted Technology Readiness Level (TRL)-**7 and above**.
3. All Academia/R&D Organizations who have the prior experience in development of **at least Proof of Concept or Working prototype for Startups/MSMEs/industry** are eligible to apply in this Category.
4. Project Proposal to be submitted by **Academia/R&D Organization** and **Indian Startup(s)/MSMEs** in collaboration with part funding from End User Organization (**preferably 10% (or more) of the overall budget**) and with **commercialization plan**.
5. Industry(s) may be associated with the project since **its initiation with defined participation** in technical terms and financial commitment.
6. The Proposal should clearly indicate **one Institution (Academia/R&D Organization) as Nodal Institute** who will be responsible for the overall project implementation and deliverables of the project.
7. **Milestones linked Grant-in-Aid (GIA)** support would be provided to **Nodal Institute only through PCI**. After getting release from PCI, Nodal institute would be responsible to disburse the fund to Startups/ MSMEs and other participating institutions as per the approvals.
8. **Preference** will be given to project proposals having **clear roadmaps for application/field testing/ business plans/technology transfer / commercialization**.
9. Roadmap for the project should identify the partnership requirements for Startup/MSME in the projects.
10. Institution may also submit individual research project in emerging areas for duration up to 5 years along with Industry-Academia collaborative Projects. **No separate funding would be provided for such projects. Such proposal would only be supported with common Infrastructure like EDA tool access and fabrication support in MPW mode.**
11. Financial support is provided only for temporary Project staff salaries, equipment (if necessary for project implementation and not available with Participating Institutions), consumables, travel, contingencies and miscellaneous items. No support would be provided towards basic infrastructure, workstations, servers and buildings.
12. The investigators of the Academia/R&D Institutions and Startup/MSME must have adequate experience and expertise in the relevant area of proposal.

2) Broad responsibilities of the Nodal Institute during the execution of the project:

1. The Nodal Institute will be responsible for the overall project implementation and deliverables of the project. A MoU / MoA between the collaborating Institutes and other entities should be made part of the proposal.
2. The Nodal Institute (NI) will be mentoring the Participating Institutions (PIs) associated with them under the program. NI will also help the PIs (particularly the new PIs) in establishing the complete EDA Tool Chain (though India Chip Centre will be primarily responsible for this activity).
3. Nodal Institute will review and monitor the progress of other PIs / startups / MSME / industry etc. associated with them in the approved project.
4. The Nodal Institute should interact / coordinate with the other collaborators of the project viz. startups / end users / MSMEs etc. and ensure timely completion of the deliverables.
5. Nodal Institute will not be allowed to back out from the project once the project is approved and funds released to it.
6. Interested Institutions may also submit proposal to the MeitY/PCI for organizing Instruction Enhancement Program (IEP) for the faculty and training program for staff of the project/research scholars of institutions as per schedules provided by PCI/MeitY.
7. After the receipt of packaged Chips from the India Chip Centre/ External package unit (as applicable) Nodal Institute has to submit datasheet to India Chip Centre in the prescribed format. This will enable India Chip Centre to maintain the repository of IPs for their possible use/re-use by the designers across the country.
8. The Nodal Institute should work closely with the faculty of the PIs in establishing close informal/formal linkages with industries in the vicinity.
9. The Nodal Institute will monitor progress of implementation of each activity of the project at the collaborators (other academia / startup / MSME / industry etc.) attached to them and will submit a quarterly report to the PCI/MeitY.
10. Nodal Institute would also participate in developing Model Syllabus on VLSI and related areas in collaboration with other academic Institutions/Industry
11. Other responsibility under the scope of the project assigned by NSC for fulfilling the aims & objectives of the program.
12. The institutions may submit another proposal in this category after completion of the previous project.

3) Broad responsibilities of the other participating Institutions / startup / MSME / industry etc. during the execution of the project:

1. Other Participating Institutions / startups / MSME / industry etc. will be closely associated with Nodal Institute under the program to accomplish the objective of collaborative project.

2. Participating Institution (PI) / startup / MSME / industry etc. would submit the progress report w.r.t. milestones in collaborative project on monthly basis to Nodal Institute.
3. PI / startup / MSME / industry etc. would take any other responsibility under the scope of the project assigned by NSC for fulfilling the aims & objectives of the program.
4. After the receipt of packaged Chips from the India Chip Centre/ External package unit, each participating institutions startup / MSME / industry etc. (as applicable) to submit datasheets to its Nodal Institute and India Chip Centre in the prescribed format.