

INSTRUCTIONS FOR CATEGORY-II PROJECT

1) Project submission criteria for Participating Institutions in Category-II:

1. Application-oriented R&D proposals would be invited from the Institutions in Consortium mode for development of ASIC/ SoC/System/IP Core(s) under Category-II.
2. The duration of proposals would be **up to 5 years with targeted Technology Readiness Level up to 7. Preference** will be given to project proposals having **clear roadmaps** targeting TRL up to 7.
3. Grant-in-aid support of **Rs. 96 Lakh per Institution** would be provided for the entire duration of the project. **No fund would be provided to the institutions in Capital budget head for setting up VLSI lab** (including building, workstations, servers, lab staff etc) facility at institution.
4. Academic/R&D Institutions can submit their proposal in consortium of **minimum 2 Institutions and maximum 5 Institutions**.
5. While submitting proposal under Category-II, one institution has to be identified as Nodal Institute in the cluster.
6. **Milestones linked Grant-in-Aid (GIA)** support would be provided to each Academia/R&D Organizations as applicable for Project implementations.
7. Nodal Institute will be responsible for the overall outcomes of the project and will be the mentoring institutions for the Participating Institutions associated with the project under the program.
8. The proposals received under this category should have the **letter of interest/commitment from end user organization**. In the Letter of Interest document, endorsement from the End-User along with well-defined design specifications is preferred.

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

1. Nodal Institute will be responsible for the overall project implementation and deliverables of the project. A MoU / MoA between the collaborating Institutes should be made part of the proposal.
2. The MoU shall indicate the roles and responsibilities, technical deliverables and outcomes of nodal institute / Orgn, each of collaborating institutes / Orgn, specifications from the End-User if any, separately and clearly. Nodal Institution is responsible for fund distribution to participating institutes / Organizations. It should be clearly indicated in the MoU.
3. Nodal Institute will be mentoring the Participating Institutions (PIs) associated with them under the program. Nodal Institute will also help the PIs (particularly the new PIs) in

establishing / adopting the complete EDA Tool Chain (though ChipIN Centre will be primarily responsible for this activity) for achieving the committed project deliverables.

4. Nodal Institute will review and monitor the progress of Clusters of PIs / start-ups / end users / MSMEs (as applicable) associated with them.
5. The Nodal Institute should interact / coordinate with the other collaborators of the project viz. PIs / start-ups / end users / MSMEs etc. as applicable.
6. Nodal Institute will not be allowed to back out from the project once the project is approved and funds released to it.
7. 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.
8. Institutions applying under this category Projects may individually submit Research Project proposal in Emerging areas. Such proposal would only be supported for design Infrastructure support.
9. After the receipt of packaged Chips from the ChipIN Centre/ External package unit, Nodal Institute has to submit datasheet to ChipIN Centre in the prescribed format. This will enable ChipIN Centre to maintain the repository of IPs for their possible use/re-use by the designers across the country.
10. The Nodal Institute should work closely with the faculty of the PIs in establishing close informal/formal linkages with industries in the vicinity.
11. The Nodal Institute will monitor progress of implementation of each activity of the project at the Participating Institutions attached to them and will submit a quarterly report (technical and financial) to the PCI/MeitY.
12. Other responsibility under the scope of the project assigned by NSC for fulfilling the aims & objectives of the program.
13. The institutions may submit another proposal in this category after completion of the previous project.

3) Broad responsibilities of the other Participating Institutions during the execution of the project:

1. Other Participating Institutions etc. will be closely associated with Nodal Institute under the program to accomplish the objective of collaborative project.
2. Participating Institution (PI) etc. would submit the progress report w.r.t. milestones in collaborative project on monthly basis to Nodal Institute.
3. PI 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 ChipIN Centre/ External package unit, each participating institutions etc. to submit datasheets to its Nodal Institute and ChipIN Centre in the prescribed format.