

IN-HOUSE R&D (IHRD)

FORMAT FOR NEW IHRD PROJECT PROPOSAL

1. Title of the project
2. Division / Unit
3. Thrust area of identification
 - a. Generation – Thermal / Hydro
 - b. Transmission
 - c. Grid Operation / Distribution / Distributed Generation / Energy Efficiency
4. Project leader and Team Members
5. Background & Objectives of the project
6. How the project was conceived (applicable in case of projects on new testing methods and projects on standardization)
7. Methodology / Technical program of project proposal
8. Collaborating agency & nature of its involvement, if other organizations are involved
9. Duration of project
10. Details of personnel employed on the project – Project Investigator and Project Members
11. Total cost of the project with break up

❖ Expenditure break up:

SL No	Particulars	Year wise break up (Rs Lakhs)		Total Cost (Rs Lakhs)
		I year	II year	
1	Major Equipment's			
2	Software / Hardware			
3	Temporary man power (SRF/JRF/RA/PA/Consultancy)			
4	Consumables / Miscellaneous			
5	Travel / Contingencies			
6	Outsourcing of facilities			
7	Others (if any)			

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8	Project Management Expenses(10%)			
	Grand total			

12. Budget requirement & yearly phasing of expenditure (*Including cost of temporary staff and recurring and non-recurring expenditure, consultancy, etc.*)
 13. Major equipments / materials required
 14. Details of software / hardware proposed and justification for the same
 15. A note on usage of equipments may please be attached: Indicate the likely usage of equipment for testing / consultancy activities during and after completion of the project (This may also be indicated in case of software / hardware proposed).
 16. Schedule of programme [year wise] – include bar chart of the activity on Quarterly basis
 17. Benefits advantages, achievements / deliverables including IPR, Patents, Licences, etc
- ❖ *Signature of members of project team:*
1) 2) 3)
- ❖ *Signature of project leader (PI)*
- ❖ *Signature of HOD / Group Head*

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Enclose Bio data of Principal Investigator and team members in the following format

1. Name
2. Date of Birth
3. Qualification
4. Experience and details of Research Work carried out / Seminars / Workshops organized etc.
5. Details of projects undertaken

Sl. No.	Title of Project	Outlay	Sponsoring Agency	Start / End Date	Details of Technical Report / paper / IPR / Patents brought out

6. Details of publications in peer reviewed Journals / International / National / Conferences / Seminars
7. Details of Consultancy Work completed / ongoing in the area of research proposed

Sl. No.	Title / Description of the work	Beneficiary Organization	Benefits

8. Details of IPR / Patents filed
9. Details of Ph.D Guidance offered