

**R&D under National Perspective Plan (NPP)****Format for New Project Proposal for submission to CPRI, Bangalore**

1. a) Name of the Implementing Organization/Institute and Address  
b) Name of the Collaborating Industry and Address
2. a) Name of the Principal Investigator (PI) and Project team  
b) Name of the project team members of Collaborating Industry
3. Project Title
4. Objectives
5. Justification
6. Facilities required by the Implementing Organization/Institute (*in terms of equipment's / accessories*)
7. Facilities provided by the collaborating Industry (*in terms of equipment's / accessories*)
8. Broad overview of technical programme
9. Bar chart of technical work on quarterly basis with major milestones to be achieved.
10. Total Estimated cost of Project (*Rs Lakhs*)

## a) Expenditure break up\*:

SL No	Particulars	Year wise break up (Rs Lakhs)		Total Cost (Rs Lakhs)
		I year	II year	
1.	Major Equipment's a. .... b. .... c. ....			
2.	Physical input material/ components for project fabrication etc, if required.			
3.	Hardware (specific for the project and not general items like printers, computers/ laptops etc.)			
4.	Software (specific specification/ requirement for the project execution)			
5.	Temporary man power (SRF/JRF/RA/PA/Consultancy)			
6.	Consumables / Miscellaneous			

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7.	Travel (as part of the project) expenses			
8.	Contingencies			
9.	Outsourcing of facilities			
10.	Others (if any)			
11.	Sub-Total			
12.	Institutional overheads (10%) of above Sub-total			
13.	Project Management Charges to CPRI (10% of sub-total)			
<b>Grand total</b>				

*\*on approval of the project the PI is required to submit a Quarterly Expenditure Plan.*

b) **Format for the Estimation and Justification of the Project Budget as indicated in the “Guidelines for the Cost Estimations of the R&D Proposals Sponsored by CPRI” enclosed herewith shall be filled up as per the instructions laid down in the Guidelines.**

c) **Financial contribution from the Industry**

11. **Project duration (*not to exceed 2 years*)**

12. **Details of End user / Partner for execution of project work / field implementation and nature of involvement of partner**

13. **Specific deliverables of the project in terms of**

- i. *Knowledge gained*
- ii. *Research publications*
- iii. *Patents*
- iv. *Process and product development*
- v. *Contribution towards improvements in issues concerning System operation*
- vi. *Value addition*

14. **Benefits / returns from the project work (*indicate likely benefits to Indian Power Sector / Indian Utility / Manufacturer / Society*)**

**Mandatory Enclosures:**

- **Brief summary of work carried out by PI and team members in the last 5 years.**
- **Details of Publications in National / International Journals / Patents.**

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SL No	Project Title	Outlay (Rs Lakhs)	Sponsored (Scheme)	Project Outcome / Deliverables	Publications / Patents (numbers)
1					

- **Brief CV / Bio data of PI and team members**
- **Complete address of PI for communication (includes Mobile, Landline and Fax number, email id etc.)**
- **Details of Existing Lab / Analytical / Computational facilities.**
- **In case of Engineering Colleges, details of research center, facilities, PG courses, Doctoral program and number of PhD Scholars may be furnished.**
- **Letter of consent from the collaborating Industry to support the research project**

**Note:**

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- A soft copy of the proposal in CD (in MS Word format) has to be enclosed along with the four hard copies of certified NPP project proposal
- Once the project proposal is approved by SCRDP, extension of project duration may not be entertained. Hence precaution should be taken to clearly state the project duration by considering all the factors of project implementation.

### Certificate

- A. This proposal has the approval of the Organization and all the existing facilities shall be made available for carrying out the studies on the proposed scheme
- B. That the research work proposed in the scheme does not in any way duplicate the research work already done or being carried out in the research station on the subject.
- C. The research proposal is solely written by the project team and has not been generated by any LLM based GenAI applications like (ChatGPT, llama, Gemini etc.)
- D. All the personnel including Research personnel appointed under the Project, for the full/ part duration of the Project, will be treated as temporary employees and will be governed by the administrative rules/ service conditions (for leave, TA/DA, etc.) of the implementing Organization. No permanent employees of the implementing organization shall receive their salary from the project grant.
- E. That the project is not being partly or fully financed by grant from any other Organization / Government

<b>Name and Signature of the Principal Investigator</b>	<div style="text-align: right;">(if applicable)</div> <b>Name and Signature of the Collaborator</b>
<b>Signature of the HOD / Head of the Implementing Institution / Organization</b> <i>(With seal)</i>	<b>Signature of the HOD / Head of the Collaborating Institution / Organization</b> <i>(With seal)</i>
<b>Date:</b>	<b>Date:</b>