



RESEARCH SCHEME ON POWER (RSOP)

INVITATION FOR RESEARCH PROPOSAL

The Research Scheme on Power popularly known as RSoP was initiated by Ministry of Power, Government of India in 1961. The scheme is being administered by CPRI. The scheme basically aims to provide funds for carrying out need based research in power sector including solving of operational problems encountered by Indian power system. Project should be pertinent to the electric power sector. The projects are to be devised with the involvement of industries / utilities or ultimate beneficiary, except for the projects which will focus on exploring and validating new ideas. Research Station proposing the project should ensure that the key investigators indicated in the project proposal are available for the entire duration of the project. Project proposals are to be formulated after a thorough survey of literature in order to ensure that similar work is not undertaken elsewhere. Project should have substantial research content and element of innovation.

The specific objectives of this R&D programme for the Indian Utilities are:

- To develop and integrate technologies in identified areas
- To promote modern / advanced technologies
- To promote modernization of traditional technologies, tools and skills
- To facilitate enhancement of quality and performance of power systems
- To promote activities aimed at improving technology, materials, Processes and other appropriate activities as applicable to Power.

Priority will be given to the proposals having potential for generation of IPR / Patents/Product Development. Simulation studies/Studies of Academic interest will not be encouraged under the scheme.

Proposals are invited for R&D from Power Utilities, CPSUs and State PSUs, Academia and R&D Institutions etc. Proposals along with technical and financial particulars may be submitted in the prescribed format (available in the CPRI website) to:

Joint Director - R&D Management Division Central Power Research Institute, Prof.Sir.C.V.Raman Road, Sadashivanagar P.B.No.8066, Bangalore -560 080	Phone - 080-22072234 E-mail: mvrao@cpri.in
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- Further Details of the scheme and application format kindly refer to website :-
<https://cpri.res.in/r-%26-d-schemes/research-scheme>



R&D UNDER NATIONAL PERSPECTIVE PLAN

INVITATION FOR RESEARCH PROPOSAL

The Ministry of Power (MoP), Government of India, under its Plan Scheme 'R&D Scheme of CPRI' is promoting research and development for the benefit of Indian Power sector. R&D under National Perspective Plan is directed towards applied research with focus on development of new products / Process Development/Technology development/field implementation and adoption / absorption of new technologies in power. The scheme is being jointly managed by Central Electricity Authority (CEA) New Delhi and Central Power Research Institute, Bangalore, under the guidance of Standing Committee on R&D (SCRD).

The R&D programme under NPP supports activities aimed at developing and integrating technologies to evolve systems both in the advanced and emerging areas and in traditional areas of Power Sector viz., Generation (Hydro and Thermal), Distributed Generation, Transmission, Distribution, Energy & Environment and end use of electricity. Under the programme, feasibility of fresh ideas / concepts is assessed for their potential conversion into useful technology / product. Applications of R&D for socio-economic benefits are consciously promoted under this programme. The details of the thrust areas identified are enumerated in the 12th Plan document on R&D, under Chapter 6, of Working Group on Power for 12th Plan, by Ministry of Power, Govt. of India. (Details are available on the website of CPRI).

The specific objectives of this R&D programme for the Indian Power Sector are:

- To develop and integrate technologies in identified areas
- To promote modern / advanced technologies for socio-economic problem solving
- To promote modernization of traditional technologies, tools and skills
- To facilitate enhancement of quality and performance of power systems
- To promote activities aimed at improving technology, materials, Processes and other appropriate activities as applicable to Power.

Priority will be given to the proposals having potential for generation of IPR / Patents/Product Development. Simulation studies/Studies of Academic interest will not be encouraged under the scheme.

Proposals are invited for collaborative R&D with the involvement of Industry / User partner from Manufacturers, Power Utilities, CPSUs and State PSUs, Academia and R&D Institutions etc. Proposals along with technical and financial particulars may be submitted in the prescribed format (available in the CPRI website) to:

Joint Director - R&D Management Division Central Power Research Institute, Prof.Sir.C.V.Raman Road, Sadashivanagar P.B.No.8066, Bangalore -560 080	Phone - 080-22072234 E-mail: mvrao@cpri.in
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