

Science and Engineering Research Board

SUPRA

(Scientific and Useful Profound Research Advancement)

SERB has developed a newly approved scheme that seeks to explore new scientific breakthroughs, with long-term impact on our fundamental scientific understanding, and offer disruptive technologies at the cutting edge. **SERB-SUPRA (Scientific and Useful Profound Research Advancement)** is a scheme beyond normal core grants and purposefully designed for high quality proposals consisting of new hypothesis or challenge existing ones, and provide 'out-of-box' solutions. Transformative and disruptive research concepts based on innovative and unproven hypotheses, possessing a high degree of uncertainty, yet having conviction to produce a lasting impact across discipline boundaries, qualify for support under **SERB-SUPRA**.

Most important measures of this scheme are:

- Quantum of advances (*incremental and short terms gains are strongly discouraged*)
- Extent of disruption in fundamental understanding or impact on outstanding research grand challenges: new areas, new concepts, new products, new disruptive technologies
- Ability of research outcomes in advancing scientific knowledge of the cutting-edge at the international level and/or emergence of critical technologies
- Global impact, outstanding publications, advancement of science

Submissions under **SERB-SUPRA** can only be made against call for proposals, with public announcement through SERB online portal and social media. Funding will be provided normally for a period of three years, which could be extended to 2 years (5 yrs total) as assessed by an expert committee. The research grant will encompass normal budget heads, apart from an overhead grant.

It is envisaged that innovative **SUPRA** proposals will bring out breakthrough solutions in identified areas. Success of such proposals will ideally open up new opportunities in S&T and impact global science not only in terms of knowledge, but also in the form of delivered outcomes.