



# DAWN

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## PAKISTAN SCIENCE FOUNDATION



### COVID-19 CALL FOR PROPOSALS Under COMPETITIVE RESEARCH PROGRAMME

Pakistan Science Foundation under "Competitive Research Programme" invites research proposals from scientists/technologists/engineers/technopreneurs to carry out indigenous research to better understand and address challenges pertaining to the recent spread of Coronavirus (COVID-19) and allied issues.

#### Who can apply:

Researchers from HEC recognized public & private sector universities, public sector R&D organizations and industry can apply under the funding criteria given below. Principal Investigator should be from HEC recognized University or public sector R&D organization and private industry can be onboard for pilot scale/commercial trials, production and marketing activities.

#### Funding Categories:

- Consortium Research Grants** involving multiple organizations/institutions from multiple professions/disciplines
- Triple Helix Model** (Research in collaboration with industry)
- Individual Researchers**

#### Research Focus:

- Indigenous Technology and Materials Development** (Low-cost Diagnostic Kits and/or rapid point-of-care diagnostic test for detection of COVID-19, Personal Protection Equipment (PPE) including Masks (Especially N95 and others), Tyvek Suits, Gloves, Goggles, Head Covers, Sanitizing agents for individual use and/or mass level using indigenous raw materials, ventilators for medical applications, Temperature Screening Devices and Microsystems for COVID-19)
- Targeted Studies for Infection Prevention and Control** (COVID-19 outbreak in Pakistan and its pattern of spread, Population cohort studies including vulnerable populations, Test ranges, Recovery ratio, gender division and geographical division, ICT-assisted Augmented Discovery of Potential Inhibitors, Evaluation of Intervention Strategies in Response to the COVID-19 Outbreaks, Harnessing human mobility and surveillance data for disease forecasting during the COVID-19 epidemic; Multi-node Telehealth system for COVID-19)
- Epidemiology** (Causes, Clinical manifestation and diagnosis, Critical aspects of viral infection; replication, pathogenesis, and transmission, long-term protection against disease)

#### Preparing Proposals:

- Funding limit per project is Rs. 20.0 Million (Rs. 8.0 Million for Individual Researchers)
- The research is to combat COVID-19
- Project costing should be based on actual market rates
- Project should be prepared on prescribed proforma of Competitive Research Program
- P.I. and Co-Pis can mention their budget requirement separately but total cost of a project should not exceed Rs. 20.0 million (Rs. 8.0 Million for Individual Researchers)
- Grants of award will be determined by subject experts, technical committees, Project Award Committees and Steering Committees. The decision of PSF will be final.
- Proposals under Triple Helix Model must be supported by a viable Business Plan.
- Proposals under Consortium Research Grants must be supported by the Consortium Research Plan between the team members from universities/R&D organizations etc.

#### Deadline:

Project proposals for immediate solutions should be emailed to PSF before **April 12, 2020**.

#### Downloads:

- Forms and guidelines can be downloaded from PSF website <http://www.psf.gov.pk/CRP>
- Soft copy of the complete project proposals along-with C.Vs (in single file of MS Word format) should be sent at [PSF.COVID19@GMAIL.COM](mailto:PSF.COVID19@GMAIL.COM).

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