



**PAKISTAN SCIENCE FOUNDATION
MINISTRY OF SCIENCE & TECHNOLOGY**



Competitive Research Program

Call for Research Proposals

**ADDRESSING SMOG ISSUE IN PAKISTAN
Through
Indigenous Research and Innovation**

Every year in Pakistan, Smog descends in November/December and it is growing worse since last 5 years leading to blocking out the winter sunshine, closing off the motorway after dusk and preventing flights from landing at the international airport at night, sometimes also leading to closure of schools and offices. The problem even grows worse every year due to the high levels of pollution and poor air quality in some cities, created by increasing vehicular and industrial emissions. Even during the summer months, there is now a permanent haze hanging over some regions that is only relieved when it rains and the pollution is washed away temporarily. Air pollution is an issue that needs to be urgently addressed as Lahore, Faisalabad and Karachi are now considered amongst the most polluted cities in Asia. In addition in winter, during the months with delayed rainfall, the cold and continuously dry conditions concentrate all the pollutants in the lower levels of the atmosphere, causing the smog to spread all over the Punjab.

Pakistan Science Foundation of Ministry of Science and Technology, under the Competitive Research Programme, intends to provide funding up to PKR 20.00 Million to researchers, engineers, technologists, innovators and industrialists (public/private sector) that can come out with solutions to mitigate this crisis in Pakistan.

The Application proforma must clearly mention the details of the solution including Title, Objectives, Expected Outcome and Methodology. Projects with commercial sector partners will be preferred.

DEADLINE
December 25, 2021

Guidelines to submit research proposal are available at
<http://www.psf.gov.pk/CRP.aspx>

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