

List of proposals not approved by PAAC (As on July 08, 2022)

- 1) Satellite-based near real-time monitoring of ambient PM_{2.5} at national scale for air quality management submitted by IIT Delhi (considered by CPCB for funding under NCAP funds)
- 2) Mitigation of air pollution: micro to macro scale study of particle capture by liquid drop (Development of customized nozzle spraying systems for mitigating pollution in Delhi-NCR region) submitted by IIT Delhi (Funding by DST)
- 3) Development of Emission Factors for emitted pollutants and toxic metals of Fire Crackers submitted by Amity University
- 4) Investigations of the Impacts of Carbonaceous Aerosols & other short lived Climate Pollutants at Households level in Delhi-NCR and devising of mitigation measures submitted by Shriram Institute for Industrial Research
- 5) Design & development of a low-cost smoke level sensor for monitoring the agriculture stubble burning submitted by Forbes Marshall Pvt Ltd.
- 6) Improvisation & Management of Air quality in Delhi NCR by removing pollutants at source submitted by IIT-Delhi
- 7) Understanding impacts of agricultural residue burning practices and management using science and policy interventions submitted by TERI University
- 8) Hawa Badlo/ Mission Hawa submitted by Adventures
- 9) Campaign for creating mass awareness on air pollution and its impacts on health among target population groups in Delhi-NCR submitted by Indian Pollution Control Association (IPCA)
- 10) Clean air champions for clean cities submitted by Clean Air Asia
- 11) Capacity development for air quality education, awareness and training submitted by Shiksha Sankriti Utthan Nyas
- 12) Be AIRoSmart! An education, awareness and action programme on issues related to air pollution submitted by TERI
- 13) Popularisation and Demonstration of in-situ paddy straw management machinery in model villages submitted by Punjab Agriculture University, Ludhiana
- 14) Mass awareness on air pollution submitted by SKP Engineering Solutions (P) Ltd.
- 15) To sensitize students to environment issues specifically air pollution submitted by Teach for Green.

- 16) Development of hybrid land use regression model for spatially resolved exposure assessment of air pollutants and estimating the cardiovascular risk in Delhi city submitted by IIT Delhi
- 17) Fuel system materials compatibility with higher ethanol-gasoline blends (E85) submitted by Automotive Research Association of India (ARAI)
- 18) PIND - pollution indication and notification device submitted by SRM University, Kattankulathur
- 19) Proposal for setting up one unit of Mokshda Green Cremation System totally free from SPM in Delhi/NCR to improve ambient air quality of the region submitted by Mokshda, Paryavaran Evam Van Suraksha Samiti
- 20) Comprehensive study on locating pathways for mitigation paddy straw burning in Punjab submitted by TERI, New Delhi
- 21) Mapping and impact analysis of Stubble burning problem and S & T interventions for its management through scientometric analysis and Primary survey submitted by CSIR - National Institute of Science, Technology & Development Studies, New Delhi
- 22) Assessment of Exposure to Traffic Related Air Pollution in Different Transport Modes” submitted by CSIR - CRRI, New Delhi
- 23) A new tool for air quality management and pollution control: Delhi air quality modelling and simulation platform” submitted by Air Quality Vaisala Oyj, Finland
- 24) Real time modelling of ambient air quality in Delhi using modified DST-SERB assisted multi plume source complex model submitted by Annamalai University
- 25) Development of City Specific Driving Cycle - A case of Delhi submitted by CSIR - CRRI, New Delhi
- 26) Analyses of inhalable odorous toxic emissions at dumpsite Bhalsawa (Delhi) and neighbourhood health risks submitted by J. M. Environet Pvt. Ltd.
- 27) Awareness cum pollution check campaign submitted by Booking Servicing
- 28) The study and production of a video documentation for mass awareness on improvisation & management of air Quality in Delhi-NCR submitted by Paracam Studios
- 29) Awareness program for pollution and adverse health impact through fire crackers submitted by Amity university
- 30) The Environmental Protection: Improvement through Awareness and Participation submitted by Kala Drishti (Public Charitable Trust), New Delhi

- 31) Concept and structure of project proposal for conducting innovative educational/awareness workshops/programmes with the students attending different educational institutions in Delhi, Punjab, Haryana & Uttar Pradesh on beat air pollution submitted by Sh. Anil K Razdan
- 32) To develop a device for pollution control by vehicular emission submitted by Sh. Baldev Raj
- 33) TREE PLANTATION in different places Delhi NCR submitted by Sh. Ghanshyam Datta Bhardwaj
- 34) Development of an Infrastructure for advanced air quality analytics for Delhi-NCR submitted by IIT Bombay
- 35) Spatio-temporal Analysis of Air-pollution Data (Delhi) for decision making and improved lifestyle management submitted by Pondicherry University
- 36) Improving Air Quality using Decentralize Waste management submitted by Shudh Sustainable Solutions
- 37) Scalable air pollution measurement in Delhi-NCR using vehicle mounted and wearable sensors management submitted by IIIT Delhi
- 38) Feasibility of using Real-Time Low-Cost PM_{2.5} "Atoms" Monitor with CPCB Ambient Monitoring Network submitted by IIT Kanpur
- 39) Assessment of Real World Vehicle Emission submitted by Ms. Radhika
- 40) Air Pollution Reduction from Brick Kilns: Techno-socio-economic analysis of options submitted by Integrated Research and Action for Development
- 41) Development of Digital Application (App) for estimating disease burden benefits from adoption of improved technologies for Delhi submitted by TERI
- 42) Development of traffic management plan for Ludhiana city submitted by Punjab State Council for Science & Technology
- 43) Atmospheric Brown Carbon in Delhi: Identifier of different biomass burning sources, and its implication for radioactive forcing and visibility impairment submitted by JNU Delhi
- 44) Green Hack-a-thon: For innovative solutions to prevent and protect harm from air pollution submitted by TERI
- 45) Effect of air pollution on the health of workers at roadside eateries in Delhi & NCR area & its mitigation strategy submitted by Amity University, Jaipur
- 46) Air pollution and inflammatory response: Airborne biological particle diversity and characterization in urban areas of North Indian Cities submitted by NITK Surathkal

- 47) Does poor ambient air quality adversely affect biomarkers in outdoor workers submitted by TERI
- 48) Performance and emission characteristics of a vehicle fuelled with compressed biogas (CBG) submitted by IIT Delhi
- 49) Improve and maintain the overall Air Quality Index by reducing particulate pollutants like PM_{2.5} and PM₁₀ by minimum of 20% submitted by Devic Earth Pvt. Ltd., Bangalore
- 50) Cost saving from implementation of tradable market permit market for PM_{2.5} in Industrial hotspot submitted by TERI-SAS
- 51) Development of integrated multi-functional electric pole for reduction of air pollutants emanating from automobiles on roads of metropolitan cities submitted by NIT Warangal
- 52) Design of low cost filters for separation of particulate matter and toxic gas from air submitted by IIT Delhi
- 53) Demonstration of utilizing high cetane Green Diesel (produced through hydro processing of vegetable oil by CSIR-IIP's patented technology) in stationary and vehicular engines submitted by CSIR-IIP
- 54) Study of vehicular noise emission and noise mapping over Delhi-NCR submitted by CSIR-NPL
- 55) Develop a mesh network of smart pollution detection, reporting and cleaning system submitted by Bharti School of Telecommunication Technology and Management, IIT Delhi
- 56) Carrying out assessment of source emission profile of various make of in use diesel engines of vehicles as well as DG equipment and Studying the effect of specific fuel additives for on-road engine performance for pollution level submitted by Eeshan Biotech
- 57) The Development and Usage of Pyrotechnic Devices for Cloud Seeding to Fight Delhi-NCR Winter Smog submitted by M/s Sri Kaliswari Fireworks Pvt. Ltd.
- 58) Cleaner Technologies for Industrial Pollution Control in Delhi submitted by National Institute of Industrial Engineering
- 59) Measurement of performance and emission characteristics of biodiesel, alcohols and peroxide blends in diesel engines submitted by IIT Roorkee
- 60) Cloud seeding in Delhi region for creating artificial rains submitted by IIT Kanpur
- 61) Micro scale air pollutant dispersion modeling for forecasting & management of air quality submitted by Fluidyn Consultancy Pvt. Ltd.

- 62) Air Quality Management through Big Data, Machine Learning and AQI Predictive Modelling approaches applied towards assessing, estimating and predicting pollution levels in Delhi-NCR submitted by M/s Kam Kanakdurga Education & Consultancy Services Pvt. Ltd.
- 63) Identification of Regions around a Highway in NCR Impacted by Vehicular Emissions, Status of Residents Health in Nearby Areas, and an Overview of Efficiency of Air Pollution Mitigation Strategies submitted by IIT Kanpur
- 64) A Computational Framework for Cost-effectiveness Assessment and Deployment Optimization of Air Pollution Abatement Interventions in Delhi/NCR submitted by IIT Delhi
- 65) Burden of Disease vis-à-vis Air Pollution in Delhi-NCR - Epidemiology and Biomonitoring - based Health Risk Assessment Study submitted by NEERI, Nagpur
- 66) Air pollution hot spots in western IGP: Implications on agro ecosystem submitted by JNU
- 67) Investigation of micro plastics, phthalates and metals bounded to the airborne PM_{2.5} over Delhi -National Capital Region (NCR) submitted by Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam
- 68) Techno-Economical Demonstration of Utilization of Paddy Straw to Prevent Air Emissions from Open Field burning and Improve Air Quality of New Delhi submitted by Himachal Pradesh University
- 69) Conversion of End-of-life and In-use Diesel Vehicles in Electric Vehicles submitted by Indian Institute of Petroleum (IIP), Dehradun
- 70) Monitoring and analyzing how buildings breathe an IoT and AI based solution for monitoring, analyzing and advising on indoor air pollution submitted by CSIR-CSIO
- 71) Investigations into mass and chemical characterization of fugitive dusts and setting up environmental guidelines for control of these emissions in Delhi-NCR submitted by IIT Kanpur
- 72) Development of Stabilized Zirconia-based Highly Sensitive and Selective Exhaust Gas Sensors for Implementation in Urea-SCR DeNO_x Vehicular-Emission Control System submitted by Pondicherry University

Proposal Withdrawn:

- 73) Validation and field evaluation of methanol blend M-15 Vehicles & portable genset submitted by ARAI (Funding by DST)
- 74) Conducting studies and making recommendations to the CPCB regarding the strengthening of its powers and streamlining of its functions in light of its perceived role among various

stakeholders, thereby fulfilling its core objective of managing air quality in Delhi-NCR submitted by VIDHI Centre for Legal Policy

- 75) Decision Support System for Early Warning, and Informed Actions in Delhi-NCR submitted by IIT Delhi and received through CAQM (Withdrawn by CAQM)
