



No.446/PA/DG/EPA/2026  
GOVERNMENT OF THE PUNJAB  
**ENVIRONMENTAL PROTECTION AGENCY**  
GREEN BUILDING, GULBERG  
Dated: 26.01.2026



**Subject: PANEL OF EXPERTS FOR ASSESSMENT OF AVAILABLE LOW-COST AIR QUALITY SENSOR TECHNOLOGIES**

**WHEREAS**, the Environmental Protection Agency (EPA) Punjab, being the provincial environmental regulatory authority under the Punjab Environmental Protection Act, 1997, is mandated to establish, maintain and strengthen scientific monitoring systems for assessment, surveillance and control of ambient air quality in the Province;

2. **AND WHEREAS**, low-cost air quality sensor technologies are increasingly being adopted internationally as supplementary monitoring tools to complement reference-grade Air Quality Monitoring Stations (AQMS), enabling enhanced spatial coverage, near real-time data availability and improved community-level air quality surveillance;

3. **AND WHEREAS**, it is essential to undertake a structured and scientifically robust assessment of available low-cost air quality sensor technologies to determine their accuracy, reliability, calibration requirements and overall suitability for monitoring of criteria air pollutants under the specific climatic, environmental and pollution load conditions prevailing in Punjab;

4. **AND WHEREAS**, Section 6(1)(i) of the Punjab Environmental Protection Act, 1997 empowers the Environmental Protection Agency to establish systems and procedures for surveys, surveillance, monitoring, examination, investigation, research and inspection for prevention and control of pollution;

5. **WHEREAS**, Section 6(1)(j) of the Act ibid empowers the Environmental Protection Agency to take measures to promote research and the development of science and technology which may contribute to the prevention of pollution, protection of the environment, and sustainable development;

6. **NOW, THEREFORE**, in exercise of the powers conferred under Section 6(1)(i) and 6(1)(j) read with Section 5(4) of the Punjab Environmental Protection Act, 1997, I, Dr. Imran Hamid Sheikh, PAS, Director General, Environmental Protection Agency, Punjab, do hereby constitute the following Panel of Experts to undertake a comprehensive technical assessment of available low-cost air quality sensor technologies, examine their suitability for deployment in the Province of Punjab, and submit recommendations regarding the most appropriate sensor systems for monitoring of criteria air pollutants.

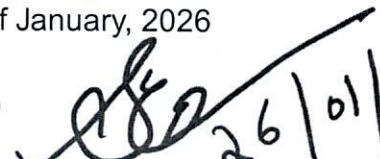


Sr. No.	Designation	Role
i.	Dr. Nusrat Naz, Director ML&I, EPA Punjab	Convenor
ii.	Mr. Noor Ahmed, Director (EMC), EPA Punjab	Member
iii.	Dr. Farieha, Deputy Director (Lab), Lahore EPA Punjab	Member
iv.	Hafiz Asif, Deputy Director (I&S), EPA Punjab	Member
v.	Dr. Rizwan, Assistant Director (Research), EPA Punjab	Secretary
vi.	Any co-opted member(s) by the convenor	Member

**AND THEREFORE**, under the Terms of Reference, the panel shall:

- i. Review of available low-cost air quality sensor technologies in the market by assessing their suitability in Punjab province for monitoring of criteria air pollutants.
- ii. Present a comparative analysis of available low cost sensor technologies.
- iii. Recommend the most suitable low-cost air quality sensor technology for potential deployment in Punjab, supported by technical justification and implementation considerations.
- iv. Submit its detailed report along with recommendations to the Director General on 20.03.2026 (Friday).

Issued under my hand and seal on 26<sup>th</sup> day of January, 2026

M.  26/01/26

**DR. IMRAN HAMID SHEIKH (PAS)**  
**DIRECTOR GENERAL**  
**ENVIRONMENTAL PROTECTION AGENCY**  
**PUNJAB**

**Copy forwarded for information & necessary action to:**

1. The Secretary, Environment Protection and Climate Change Department, Punjab
2. The Additional Director General (Ops & Imp), EPA Punjab
3. All the Directors, EPA Punjab
4. All members of the panel
5. PSO to Minister for Environment, Forest and P&D Board, Punjab.
6. The In charge, Strategy and Analysis Wing, EPA Punjab
7. The Coordinator, CKE&PD, EPA Punjab
8. The Librarian, EPA Punjab
9. PA to Director General, EPA

