

Curriculum Vitae

Lassana Doumbia

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Education:

- ❖ Master of Science in Physics, Completed in June 2025 at

Hemvati Nandan Bahuguna Garhwal Central University, Srinagar, India.

Thesis: Assessment of Indoor Radon Concentration over Northern India.

- ❖ Bachelor in Mechanical Engineering and Energy, Completed in September 2021 at Ecole Nationale d'Ingénieurs Abderhamane Baba Touré, Bamako, Mali.

Research Experience:

- ❖ Master dissertation: Assessment of Indoor Radon Concentration over Northern India.
- ❖ Air Quality Prediction Over Indo-Gangetic Plain (Abstract).
- ❖ Mini-Project: Valorisation des déchets Ménagés de Bamako.

Teaching Experience :

- ❖ Joined the faculty of science and techniques of Bamako (FST-USTTB) as voluntary assistant professor since November 2025.

Technical Experience :

- ❖ **Instrumentation:** Skilled in SMART RnDuo, SSNTDs, Radon/Thoron Discrimination Dosimeters and Geiger-Muller Counter.
- ❖ **Programming Language:** Experience with C++ and R.
- ❖ **Engineering Tools:** Proficient in AutoCAD for technical design and modeling and MATLAB for statistical and computational physics.

Languages :

- ❖ **French:** Fluent
- ❖ **English:** Advanced Intermediate
- ❖ **Hindi:** Basic

Conferences Participated

- ❖ Third International Multidisciplinary Conference on Aerosols, Air Quality and Climate Change (IMCAAC-2025) Over The Himalayan Region (Aligned with the objectives and themes of Bharat's national education policy 2020).