

PROFILE

Name	Dr.Noor Afshan Khan
Designation	Principal scientist
Qualification	Ph. D (Chemistry) M.Sc. (Chemistry) B.Ed. (Science) B.Sc (Chemistry, Botany and Zoology)
Experience (in years)	18 years
Expertise	<ul style="list-style-type: none"> • Water & Wastewater characterization w.r.t conventional and emerging pollutants. • Trace level analysis of organic pollutants in environmental matrices. • Analytical Method validation for the qualitative determination and quantification of Organic Pollutant (Pesticide residue, Trihalo methanes, Polyaromatic Hydrocarbons) in water matrix at trace level (on GC and GC-MS). • Method development for the analysis of pharmaceutical and personal care products in waste water from sewage treatment plants. • Structural characterization of molecules based on spectroscopic studies viz. UV-Vis, FTIR, NMR and Mass spectroscopy. • Standardization and quantification of bioactive markers in plants based on instrumentation techniques
Publications (in Nos.)	Papers -25; Book Chapter – 03; Book – 01; https://www.researchgate.net/profile/Noor-Khan-5 https://scholar.google.co.in/citations?user=Avh9GmIAAAAJ&hl=en
Patents	NA
Honors & Awards	<ul style="list-style-type: none"> • First Prize (Oral presentation) in “Micro- Tech 2007, Junior Scientist Award”, organized by Society for Basic and Applied Mycology (SBAM), Department of Biological Sciences, R.D.V.V. Jabalpur (M.P.): 19 Nov’2007. • Best Poster (Poster Presentation)in 59th annual Conference of Indian Phytopathological Society, Department of Biological Sciences, R.D. University, Jabalpur (M.P.): Jan 16th 2007. • SAVE THE ENVIRONMENT (STE) WOMEN EXCELLENCE AWARD, 2022
Research Scholars (in Nos.)	01