Mr. Ram Kumar
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Mr. Ram Kumar is pursuing his Ph.D. in Pharmaceutical Sciences and has served as an academician and researcher in **Pharmaceutical Analysis and Quality Assurance**. He obtained his **Master's degree in Pharmaceutical Analysis**, following his Bachelor's in Pharmacy. He has over **two years of teaching experience**. He has served as a faculty member at the Department of Pharmaceutical Sciences and Technology, where he has taught subjects such as Pharmaceutical Analysis, Quality Assurance, Regulatory Affairs and related subjects.

He has also gained practical exposure in the **pharmaceutical industry**, particularly in **quality assurance, product validation, and the standardization of herbal drugs**. His research focuses on developing and validating analytical methods, standardization techniques for herbal drugs, and compliance with regulatory norms. His professional expertise integrates academic knowledge with industrial practices, enabling translational research and drug quality and safety innovation.

Mr. Ram Kumar has been instrumental in advancing innovation through **2 design patents and 1 process patent**. His research contributions include over **15 publications in international peer-reviewed journals**, primarily in drug analysis, method development, herbal standardization, and pharmaceutical quality control.

He has been an active contributor to national-level competitions and has been **awarded government funding** for innovative projects. He has also represented **PUNJAB** state in **skill development competitions**, showcasing his technical and scientific capabilities.

RESEARCH AND PROFESSIONAL EXPERIENCE

Mr. Ram Kumar's research interests are centered on:

- **Analytical method development** for bulk drugs and formulations
- **Validation protocols** as per ICH, WHO, and USFDA guidelines
- **Standardization of herbal drugs** through spectroscopic and chromatographic techniques
- **Pharmaceutical quality assurance**, documentation, and regulatory compliance

- **Simultaneous drug estimation using UV, HPLC, and HPTLC techniques**

He has contributed to **multidisciplinary research**, integrating traditional medicine systems with modern analytical sciences. His work aims to establish robust quality control measures for both synthetic and herbal drugs, ensuring consistency, safety, and therapeutic efficacy.

He has attended numerous **national and international conferences**, workshops, and **faculty development programs (FDPs)**. These include events focused on modern trends in pharmaceutical education, quality systems, instrumentation, and regulatory affairs. His participation in these programs has helped refine his teaching methodology and research direction in line with global standards.

ATENTS, PUBLICATIONS & PROJECTS

- **Patents**:
    - 2 Design Patents 1Granted/ 1 filed
    - 1 Process Patent filed
- **Publications**:
    - More than **15 international publications** in journals indexed in **Scopus and SCI** covering pharmaceutical analysis, validation, herbal medicine, and formulation science.
- **Research Projects**:
    - Received **government funding** for participation in **National Skill Competitions**
    - Participated in research activities related to **herbal standardization and pharmaceutical validation**
    - Actively involved in drafting **validation protocols** and preparing **regulatory documentation** in industry-academia collaborative settings