

# SONALI PANDEY

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**Contact:** +91-7905157958

**Location:** Lucknow, Uttar pradesh

## PROFILE SUMMARY:

- Postgraduate with 5 years of professional experience as Laboratory assistant in Forensic Science Laboratory, New Delhi.
- Specialization in Forensic DNA.
- Seeking to have a challenging role preferably in Forensic Sciences or Biotechnology as well as various other relevant sectors.

## QUALIFICATIONS:

<u>COURSE</u>	<u>UNIVERSITY / BOARD</u>	<u>SCHOOL/ COLLEGE</u>	<u>YEAR</u>	<u>% OF MARKS</u>	<u>SUBJECTS</u>
MSc. Forensic sciences & Criminology	Babasaheb Bhimrao Ambedkar University, Lucknow, UP	Babasaheb Bhimrao Ambedkar University	2015	78.3	Specialization Forensic DNA, Forensic Toxicology and Forensic Question document & Fingerprints
BSc. Biotechnology	Mahatma Gandhi Kashi Vidyapith University,	Shri Agrasen Kanya, P.G. College, Varanasi, UP	2013	63.11	Biotechnology, Zoology & Chemistry.
XII <sup>th</sup>	CBSE	Bal Vidyalaya Madhyamic SCHOOL, Varanasi, UP	2010	61.2	English, Physics, Chemistry, Biology, Sanskrit
X <sup>th</sup>	CBSE	Bal Vidyalaya Madhyamic SCHOOL, Varanasi, UP	2008	62.4	English, Science, Social Studies, Maths, Sanskrit

## **PROFESSIONAL EXPERIENCE:**

**Organization-** Forensic Science Laboratory  
Rohini sector-14, New Delhi

From June 2016 to June 2021

**Designation-** Laboratory assistant

The Forensic Science Laboratory Delhi is a multi- disciplinary scientific organization that includes highly organized, trained professionals and well equipped examination facilities as per ISO/IEC 17025: 2017. The Laboratory coordinates, develops and disseminates new information to Investigators and fraternity members of the Law Administration Agency through the innovative scientific techniques to resolve the conventional and new pattern of crime. In addition, the Laboratory is requested to assist in the scientific investigations of crime scenes, provide training and sharing knowledge and assist with the reconstruction of a crime. Laboratory prepares Forensic reports for valuable evidence that contribute to the successful prosecution and conviction of criminals as well as to the exoneration of innocent people. With up to date technical, and knowledge features, as well as a space point of view, the Laboratory can expect to be accepted globally with a facility equal to the quality of work for which the Laboratory has become known. Laboratory is also notified as Examiner of Electronic Evidence u/s 79A of the Information technology Act, 2000 on 17.04.2018 by the Ministry of Electronics & IT, Govt of India.

## **PROFESSIONAL SKILLS:**

- Hands-on experience of various techniques like Automated DNA Isolation, PCR, Real Time PCR, Nano Spectrophotometer, Analysis on Genetic analyzer etc.
- To assist in Biology/ Serology/ DNA Fingerprinting examination of Blood, Selecting, Saliva and their stains, fleshy material, foetus, bones, hair etc.
- Scientific analysis and Case assistance work with Senior Officers.

## **KEY RESPONSIBILITIES:**

- Assisting in Laboratory work including DNA isolation.
- Operates Laboratory equipment such as microscopes, electron microscopes, compound microscopes, Centrifuges, Spectrophotometer, analytical balances, PCR, Real Time PCR, Genetic Analyzers etc.
- Performed standard Laboratory procedures such as maintaining tissue samples and preparing slides using staining techniques.
- Prepared chemicals such as Benzidine, Normal Saline, Phenol solution from phenol crystals, Iodine Solution and so on.
- Operated Automated DNA isolation, tissuelyser instruments and performed handling of samples in routine work.
- Compiles data and assists in routine preliminary analyses; maintains research data in Laboratory notebook, writes summary reports and reports findings to Investigator.
- Mature judgement and the ability to handle confidential information regarding work procedures.
- Performed other duties as assigned.
- Assisting in preventive maintenance, troubleshooting and quality control procedures.
- Inventory Management- stocks all pre analytical work areas with supplies as necessary.

- Excellent computer skills. Proficient in Windows, MS Word, Excel, Access, PowerPoint.

### **ACHIEVEMENTS:**

- Awarded by **Certificate for Best of Scientific Presentation in the National Forensic Odontology continuing Dental Education programs and Forensic Workshop organized by King George's Medical University, UP, Lucknow.**
- Participated in **XIIIth Annual National Conference of Indian Congress of Forensic Medicine & toxicology (Theme- 'Sexual harassment of Woman at workplace: Role of Education Institutions'.**
- Participated in **XIIIth Annual National Conference of Indian Congress of Forensic Medicine & Toxicology (Theme- 'Heinous Crimes & Human Rights Violation against Women and Children : Need for Proactive Forensic Approach'.**
- Participated in **Hands on Workshop in Forensic DNA Fingerprinting organized by Forensic Science Laboratory, Rohini, Delhi in collaboration with Promega Biotech India Pvt. Ltd.**
- Awarded by **certificate of appreciation for performing commendable work during the entire Lockdown period(2020) in the country.**
- Internship for **15 days w.e.f. 02nd January 2015 to 16th January 2015 in Chemistry division, Central Forensic Science Laboratory, Central Bureau of Investigation, New Delhi**
- Internship for **01 month and 15 days w.e.f. 05th June 2014 to 20th July 2014 in Medicolegal & Toxicology Division, Forensic Science Laboratory, Lucknow, UP.**
- Internship for **01 month and 10 days w.e.f. 27th February 2015 to 07th April 2015 in Narco Analysis division, Forensic Science Laboratory, Lucknow, UP.**

### **PERSONAL DETAILS:**

- Date of birth : 31 May, 1993
- Gender : Female
- Marital status : Unmarried
- Nationality : Indian
- Hobbies : Reading, Dancing, singing, Organizing events, Craft making
- Languages : Hindi & English

