

1. **Name of the Employee:** Tara Chand
2. **Email id:** tchand@nib.gov.in
3. **Designation:** Scientist Grade – III
4. **Division/LAB:** Biochemical Kit Laboratory
5. **Educational Qualification:** MSc (Biotechnology)
6. **Year of Joining:** 2015
7. **Professional Experience:**



- **15 Years** (Including 05 years in Biochemical Kit) In Quality Control testing Laboratory.
- Successfully planning, coordinating and Quality Control testing of over 700 batches of products, i.e., Fully Automated Analyzer Based Glucose Reagents, Blood Glucose Test Strips & Glucometer Devices, in the Biochemical Kit Laboratory and reporting the same to the satisfaction of the stake-holders.
- Technical Support in ICMR-NIB collaborative Project on “Validation of Glucose sensing devices developed with ICMR support” during 26.03.2018 to 30.06.2019.
- Member of Technical Team in AIIMS-NIB Collaboration for establishing validation protocols for Ion Exchange Chromatography Principle-based ‘Laboratory Reference Method for estimation of HbA1c’ (2019-2021).

8. Major Publications:

- i. Ajanta Sircar, **Tara Chand**, Aalapti Singh, Sunita Kohli (2017). Control Testing of Batches of ‘Blood Glucose Test Strips’- made for use with Glucometers as closed system; at the National Institute of Biologicals, NOIDA, INDIA: An overview of the procedure, profile of samples tested and the findings. IOSR - Journal of Pharmacy and Biological Sciences, 12, 4 (VIII) 01-11 (**Impact Factor- 0.14**).
- ii. Gaurav P. Singh, Renu Jain, Shalini Tewari, **Tara Chand**, Vandana Saklani, Sudha V. G., J. P. Prasad, Surinder Singh *et al* (2016). Collaborative study for the establishment of first National Human Insulin Reference Standard. *Inventi Rapid: Pharm Analysis & Quality Assurance*, Vol. 2016, 1, 1-4 (**Impact Factor-4.09**).
- iii. **Tara Chand**, Manoj Kr. Sharma, Fanish Kr. Pandey, Chaitali Chakraborty (2016). Anti-microbial activity of ethanol extracts obtained from different parts of *Calotropis gigantea*. *Research Journal of Science and Technology*, 8, 3, 129-134.
- iv. **Tara Chand**, Fanish K. Pandey, Manoj K. Sharma (2014). Pectinase Enzyme Production from Orange Peels by Solid State Fermentation Technology Using *Aspergillus niger*. *Research Journal of Science and Technology*, 6, 4, 194-198.
- v. **Tara Chand**, Fanish K. Pandey, Shruti Dhingra, Manoj K. Sharma (2014). Production of Industrially Significant Enzymes from Bio-Wastes Using *Aspergillus niger* by Solid State Fermentation. *Research Journal of Pharmaceutical Dosage Forms and Technology*, 6, 1, 33-36.
- vi. **Tara Chand**, A. K. Sahu, Kallol Saha, Vineet Singh, S. Singh, Jaipal Meena (2008). Stability of Oral Polio Vaccine at different temperatures and its correlation

with Vaccine Vial Monitors (VVM). *Current Science*, 94, 2, (25), 172-175 (**Impact Factor- 0.89**).

Abstract/ paper presentations in national/international conferences /symposia/seminar/ meetings:

- i. Oral presentation on topic 'Overview of Self-Monitoring of Blood Glucose system evaluated at the National Institute of Biologicals, NOIDA' in 2nd J&K Science Congress 2017 -International Conference at Jammu during May 10 – 13, 2017.
- ii. Renu Jain, Shalini Tewari, **Tara Chand**, Sudha V. G., J. P. Prasad, Gaurav P. Singh. Development of Reference Standards on Biotherapeutics. "Abstract Book" Bioprocessing India 2013 (Dec. 5-7), IIT, Delhi, pg. 92-93.
- iii. **Tara Chand**, Biplab Sarkar, S. Mishra, and A. K. Sahu. Temperature dependent stability of Oral Polio Vaccine (OPV). *Biotechnology in Genomic Era: Industrial Priorities*; April, 2006.