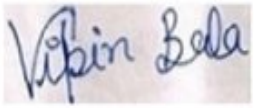
Basic Detail		
Applicant Name: VIPIN BALA	**Mobile No:** 9991623433	
Gender: Female (Female Status: Married)		
Email: VIPINVINAYAK433@GMAIL.COM	**Date of Birth:** 02-08-1989	
Category: BC (A) (NON-CREAMY LAYER)	**Nationality:** CITIZEN OF INDIA	
Father's Name: LAKSHMAN RAM	**Mother's Name:** MAYA DEVI	

Education Detail's:

PH.D.: Subject STATISTICS: Topic Heptadecagonal Fuzzy and Neutrosophic Numbers: Development and applications in Linear Programming and Transportation problems, Kurukshetra University.

Field of Specialization: Fuzzy Set Theory, Fuzzy Linear Programming Problem

Programming Skills: Matlab software, SPSS, R-Studio

NET- JRF: Eligibility Test: NET-JRF Mathematical Sciences CSIR.

Post Graduation: Master of Statistics University/Board Punjabi University, Year 2012

Graduation: University Kurukshetra University, Year 2009.

LIST OF ATTENDED CONFERENCES/ WORKSHOPS/ SEMINARS/WEBINARS

- Attended two-day workshop on "Opportunities and Challenges for Women in STEM" organized by Women faculty of Science, Life Sciences, Engineering and Technology, Kurukshetra University, Kurukshetra during January 24-25, 2018.
- Attended one day national seminar on "Gender Equity in Science and Technology for Sustainable Development" organized by Women's Studies Research Centre, Kurukshetra University, Kurukshetra in collaboration with Vigyan Bharati, Haryana on February 21, 2019.
- Attended national workshop on "Empowering Women through Legal Awareness" organized by Women's Studies Research Centre, Kurukshetra University, Kurukshetra in collaboration ICSSR North-Western Regional Centre, Chandigarh during March 28-29, 2019.

- Attended online national webinar on “Data Analysis and Statistical Computing” organized by Department of Statistics, Institute of Social Sciences, Dr. Bhimrao Ambedkar University, Agra on May, 27, 2020.
- Attended seminar on “Women Innovators in Stem” organized by Women in Stem Forum, Kurukshetra University, Kurukshetra on February 11, 2020.
- Attended national conference on “Recent Applications of Applied Sciences & Humanities” organized by Government College Satnali, Mahendergarh (Haryana) & Society of Scientific Research and Education on June 7, 2020. 7. Attended one day workshop on “Gender Sensitivity and prevention of Sexual Harassment” held at Faculty Lounge, Kurukshetra University, Kurukshetra on March 16, 2021.
- Attended two weeks online programme on “Research and Publication Ethics” conducted by Department of Commerce in association with Faculty Development Centre and Centre for Continuing Education, Kurukshetra University, Kurukshetra, during August 31- September13, 2021.
- Attended the international online workshop on “Basic Statistical Analysis and its Interpretation using SPSS” organized by Global Institute of Statistical Solutions (GISS) during April 9-11, 2022.

Presented Research paper /Conferences

- Research paper entitled “New Method for Fuzzy Linear Programming Problem Based on Heptadeagonal Fuzzy number” presented in Ist International Conference of Indian Science Congress Association-Rohtak Chapter “Science and Technology: Rural Development” organized by Department of Chemistry, M. D. University, Rohtak (ICSTRD-2020) during March 4-5, 2020.
- Research paper entitled “A New Method to Solve Balanced and Unbalanced Fuzzy Transportation Problem for Heptadecagonal Fuzzy Number” presented in the international conference “ Recent Advances in Fundamental and Applied Sciences” organized by School of Chemical Engineering and Physical Sciences, Lovely Faulty of Technology and Sciences, Lovely Professional University, Punjab during June 25-26, 2021.
- A new methods for fuzzy linear programming problem based on heptadecagonal neutrosophic number. Details of Conference/Seminar and Organizing Institutions: Science and Technology, kurukshetra university , kurukshetra 2024.
- A new approach for neutrosophic linear programming problem based on heptadecagonal fuzzy number. Details of Conference Organizing Institutions: IC-ITSODS, MDU Rohtak 2025.
- Research paper entitled “Heptadeagonal Fuzzy numbers and Their Fuzzy Arithemetic Operations” published in **International Journal of Agriculture and Statistical Sciences.**
- Research paper entitled “New Method for Fuzzy Linear Programming Problem Based on Heptadeagonal Fuzzy number” published in **Life Cycle Reliability and Safety Engineering.**
- One Research paper entitled “A New Method to Solve Balanced and Unbalanced Fuzzy Transportation Problem for Heptadecagonal Fuzzy Number” communicated in **Applied Sciences.**
- One Research paper entitled “Heptadecagonal Fuzzy Number and its Distinctive Representation, Ranking, Defuzzification Technique and Application in Fuzzy Linear Programming Problem” communicated in **Journal of Mathematics.**