**CURRICULUM VITAE**

**ARCHANA PRAJAPATI**

Flat No. 9, Bharat Singh Complex, Near gali no. 16,

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.**ACHIEVEMENTS**

* Qualified CSIR NET (Both JRF & LS)- 18 Dec 2016

RANK- 117

* Qualified GATE 2019

**DISSERTATION (M.Sc)**

Topic- Hypophysation in Indian Major Carps

**EDUCATIONAL QUALIFICATIONS**

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| --- | --- | --- | --- | --- |
| **Examination** | **Board/University** | **College/School** | **Year** | **%age** |
| PhD | Gautam Buddha University | School of Biotechnology | 2018 | Pursuing |
| M.Sc zoology | Delhi University | Kirorimal College | 2016 | 65 |
| B.Sc Zoology Hons | Delhi University | Sri Venkateswara College | 2014 | 74 |
| 12th | CBSE Board Delhi | Heera Public School | 2011 | 86.5 |
| 10th | CBSE Board Delhi | Heera Public School | 2009 | 91 |

**TECHNIQUES KNOWN**

Protein purification, PCR, RT-PCR, Covid-19 Diagnosis, Plant tissue culture- tomato, tobacco and Rice; Dissections- Chironomus Larvae, Drosophila, Cockroach, earthworm, frog, rat; CRISPR/Cas9 etc.

**PUBLICATION**

1. Prajapati, A., & Nain, V. (2021). Screening of CRISPR/Cas9 gRNA for mimicking Powdery Mildew resistant MLO ol-2 mutant. *Bioinformation*, *17*(6), 637-645.

# Communicated: *In-Silico* Designing and Screening of CRISPR/Cas13 gRNAs for Diagnosis of *Dengue Virus* and its Serotypes

**ADDITIONAL QUALIFICATION:-**

Basic Bioinformatics and Basic knowledge of Computers

**VOLUNTEERING AND ON-CAMPUS WORK:-**

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| --- | --- | --- |
| 1. | National Symposium | Was a participant of National SYMPOSIUM ON RECENT TRENDS IN INNNOVATIVE RESEARCH AT UNDER GRADUATION : Science and Society |
| 2. | Cancer awareness campaign , PINK CHAIN CAMPAIGN | Participated in cancer awareness campaign at DELHI UNIVERSITY where a presentation was held by a panelist from AIIMS giving insights into types of cancer |
| 3. | SCIENCE FESTIVAL  GARGI COLLEGE(DU) | Won Biological Tambola  Came first and won prize money |
| 4. | PARIVARTAN SOCIETY | Made posters for blood donation camp and various events organized by the society for one year. |
| 5. | On the spot painting competition at KAMALA NEHRU COLLEGE | Participant |

**ACHIEVEMENTS AT SCHOOL LEVEL:-**

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| --- |
| **INTERZONAL COMPETITION ARTS**  Achieved 1st rank in interzonal competition (on the spot painting competition) in class 10th and 11th  Achieved 2nd rank in 12th class in interzonal competition (on the spot painting competition) |
| **WON ROLLING TROPHY FROM A CHARITABLE TRUST**  Presented poster on awareness on RASH DRIVING |
| **ANNUAL DAY PARTICIPANT**  Achieved many certificates in singing |

**EXPERIENCE**

FOUR YEARS TEACHING EXPERIENCE AS A TUTOR OF BIOLOGY (11TH AND 12TH), SCIENCE AND MATHS (10TH)

**SUBJECT STUDIED IN M.Sc ZOOLOGY:**

* Genetics and cytogenetic
* Principles of gene manipulation
* Comparative animal physiology
* Metabolism : concept and regulation
* Developmental biology
* Systematic, biodiversity and evolution
* Immunology
* Molecular cell biology
* Principles of ecology
* Computational biology, biostatistics & informatics
* Chronobiology
* Comparative endocrine physiology
* Evolution and functional anatomy of fish
* Aquatic resources and their conservation
* Aquaculture

**SUBJECT STUDIED IN B.Sc ZOOLOGY HONS. :**

* Introduction to biology
* Biodiversity-chordate and non chordate
* Chemistry
* Technical writing and communication in English
* Computational skills
* Animal physiology and functional histology
* Cell biology
* Molecular biology
* Mathematics and statics
* Immunology
* Ecology
* Developmental biology
* Genetics and genomics
* Evolutionary biology
* Biotechnology
* Environmental biology

**INTERESTS/HOBBIES:-**

Painting, teaching, cooking, singing and listening songs

**SKILLS:-**

Excellent writing skills, Fluent in English and Hindi

**PERSONAL DETAILS:-**

Father’s name : Rajdev Prajapati

Date of birth : 25/03/1993

Gender : female

Marital status : married

Religion : Hindu

Nationality : Indian

Language known : English and Hindi

**DECLARATION:-**

I hereby declare that the above mention information is true to the best of my knowledge and belief.

**DATE**

**PLACE- Rangpuri, New Delhi**

**ARCHANA PRAJAPATI**