

## **Dr. Arun Kumar Choudhary**



**Name** : **Dr. Arun Kumar Choudhary**  
**Qualification** : Ph.D.  
**Address** : **Head Dept. of Zoology N.S.C.H.E. College,**  
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Raebareli (UP)-229001

### **Name & Address of Ph.D. Supervisor: Dr. Ajai Kumar**

**MIG-25, RDA Colony Indira Nagar Raebareli (UP)-229001**  
Dr. Ajai Kumar H.O.D.  
Dept. of Zoology, Feroze Gandhi College, Raebareli, UP, India, 229001

### CAREER OBJECTIVE

To reach the zenith of Organization hierarchy through continuous self-development by way of learning and experiencing the critical aspects of technology and management.

**Topic Of Ph.D. Thesis Preference** : **“Studies on Starvation Resistance and Pupation Site for Different Sugar Resource Utilization in Drosophila.”**

**Organisms Worked on** : Drosophila

**Area of Interest** : Genetics, Cytogenetics, Molecular Biology,  
Evolutionary Genetics of Diptera,

**List of Publications** :  
**(A) RESEARCH PAPERS** :

1. Arun Kumar and Ajai Kumar (2012) Resistance of starvation tolerance for Sucrose Sugar in closely related Indian species of *bipunctinata* subgroup of the genus *Drosophila*. J.Adv. in Dev.Res.3(1):99-103.
2. Arun Kumar and Ajai Kumar (2013 A) Ecogenetics of starvation tolerance for Dextrose Sugar in three Indian species of genus *Drosophil*. J.Exp.Zool.India 16(2)675-681.
3. Arun Kumar and Ajai Kumar (2013 B) Starvation resistance for Fructose Sugar in three Indian species of genus *Drosophila*. J. of Indian Res. Vol. 1(2):71-80
4. Arun Kumar and Ajai Kumar (2015) Ecogenetics of variations in pupation height in *bipunctinata* species complex of genus *Drosophila*. Online J. www.ojirg.org Vol.5, pg 51-57

5. Arun Kumar and Ajai Kumar (2020) Fructose Induced Variations in Pupation Height in Bicectinata Species Complex of genus Drosophila. Online J. [www.journalcra.com](http://www.journalcra.com) (International Journal of Current Research Vol.12, pg 14701-14704
6. Bheshraj Chaudhary & Arun Kumar and S.K. Shukla (2021) Zooplanktons Density of Rapti at Nepal in Different Seasons. Online [www.ijiram.org](http://www.ijiram.org) (International Journal of innovative in engineering & management (IJIREM) Vol.8 Issue-5, page number 45,46.
7. Bheshraj Chaudhary & Arun Kumar and S.K. Shukla (2021) Toxicity Study of Zoolanktons, Mixed Zooplanktons and Neuston of Rapti River Against Heavy Metals. Online [www.ijiram.org](http://www.ijiram.org) (International Journal of innovative in engineering & management (IJIREM) Vol.8 Issue-3, page number 45,46,47,48

**National / International Conference Attended/ Presented Research papers –**

**(B) ABSTRACTS :**

1. Arun Kumar and Ajai Kumar 2011. Resistance of starvation tolerance for Dextoze Sugar in genus Drosophila. National Seminar on “Resent advances in Biological Science: Biodivercity and Human welfare” Organized by ZSI, Bodh Gaya & Lucknow University, in Lucknow (Dec.29-31, 2011)
2. Arun Kumar, Ravindra Kumar and Ajai Kumar 2012. Resistance of starvation tolerance for fructose sugar in closely related Indian species of bipectinata subgroup of genus Drosophila. UGC sponsored National Conference at RGSPG College Singaramau, Jaunpur (Feb. 21, 22-2012)

**Expertise Gained :**

1. Collection Culture & Taxonomic identification of Family- Drosophilidae & Chironomidae.
2. In Cytogenetics: Metaphase chromosome preparation., Polytene Chromosome Preparation., C-banding, Population Genetics & Chromosomal Polymorphism investigations, Microphotography & Photo-processing.
3. In Molecular Biology: Growth & culture of Bacteria & Mycobacteria, Chemical mutagenesis & selection, Isolation of Plasmid and chromosomal DNA, Restriction Fragments analyses, Electroporation, Transformation, Southern hybridization, Ligation, Estimation of protein, Estimation of DNA, Protein Extraction, SDS-PAGE, Western Hybridization, PCR.

## SUMMARY OF SKILLS AND PAST EXPERIENCE

A lot of Experience in Academics as well as Administration like:-

- Research&Development
- Tooverviewalltheacademicandadministrativeactivitiesof the college.
- Teaching
- Guiding&ConductingProjects&ResearchWork
- DevelopingCurriculumforUnderGraduate&PostGraduateCourses
- Identification,Formulation&implementationofvariousacademic projects in College & Universities.

**MAIN STRENGTHS** : Self-disciplined, Good motivator, Quick Learner and a good Team Leader.

**Present Employment** : Lecturer (Permanent), Dept. of Zoology, NEW STANDARD COLLEGE ,Raebareli-229001

**Date of appointment** : 1stAug.2003; (As Lecturer CBSE BOARD);

**Teaching Experience** : 15 (inter) And 10 years in U.G. & P.G.

**Computer Experience** : MS-Office, Multi media.

( Dr.Arun Kumar Choudhary)