



Title	Dr.	First Name	Rajesh	Last Name	Chaudhary	Photograph
Designation		Associate Professor				
Address		Acharya Narendra Dev College Govind Puri, Kalkaji New Delhi-110019				
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Email/ Web-Page		<a href="mailto:rajeshchaudhary@andc.du.ac.in">rajeshchaudhary@andc.du.ac.in</a>				
<b>Educational Qualifications</b>						
Degree		Institution			Year	
B.Sc. (H) Zoology		University of Delhi			1999	
M.Sc. Biomedical Science		University of Delhi			2001	
Ph.D., Zoology		University of Delhi			2008	
<b>Career Profile</b>						
Associate Professor in Department of Biomedical Science- 2020-Present						
Assistant Professor in Department of Biomedical Science- 2008—2019						
<b>Administrative Assignments</b>						
<b>Convener/member of various College/University Department Level Committees including:</b> Canteen Committee, Editorial Committee, Proctorial Committee, IQAC, College Finance Committee, Member of Committee of Courses, College Dissection Monitoring Committee, Cultural Events Management Committee, Teacher In-charge (Department of Biomedical Science) Committees for Restructuring of Syllabus of BSc (H) Biomedical Science, Coordinator of Delhi University ECA Trials, Examination Committee, Photographic Society.						
<b>Areas of Interest / Specialization</b>						
<ul style="list-style-type: none"> <li>● Biochemistry of Anterior Pituitary Hormone, Protein Purification, Protein Biochemistry.</li> <li>● Butterflies in urban settings</li> </ul>						
<b>Subjects Taught</b>						
Toxicology, Pharmacology, Biophysics, Social and Preventive Medicine, Pharmacy and Pharmaceuticals, Medicinal Chemistry, Human Physiology, Pathology, Biochemistry, Bioorganic Chemistry						

Research Guidance
None
Publications Profile
<p><b>RESEARCH PAPERS</b></p> <ol style="list-style-type: none"> <li><b>Rajesh Chaudhary</b> and K. Muralidhar, (2004); Use of SP- Sephadex to obtain Semi pure LH Preparation From whole Pituitaries of Indian water buffaloes. <i>Preparative Biochemistry and Biotechnology</i>, Volume 34, No.4, pp 315.</li> <li><b>Rajesh Chaudhary</b>, J. O. Lee and K. Muralidhar, (2004); Simultaneous Isolation of Prolactin and Growth Hormone from “Discarded Acid Pellet” Obtained from Buffalo Pituitaries. <i>Preparative Biochemistry and Biotechnology</i>, Volume 34, No.4, pp 331.</li> <li><b>Rajesh Chaudhary</b>, J. O. Lee and K. Muralidhar. (2005); Enhanced yield and homogeneity of Buffalo Growth Hormone by an Improved Chromatographic Protocol. <i>Preparative Biochemistry and Biotechnology</i>, Volume 35 No.4, pp313.</li> <li>H. S. Chand, <b>Rajesh Chaudhary</b>, and K, Muralidhar (2005); A reference Preparation of Buffalo Pituitary Follicle Stimulating Hormone using Lectin Affinity Chromatography <i>Preparative Biochemistry and Biotechnology</i>, Volume 35 No.4, pp 331.</li> <li><b>Rajesh Chaudhary</b>, Sulakshna Jain, K. Muralidhar, and M. N. Gupta (2006); Purification of Bubaline luteinizing hormone by gel filtration Chromatography in the presence of blue dextran. <i>Process Biochemistry</i>, Volume 41, pp562.</li> <li><b>Rajesh Chaudhary</b> and K Muralidhar (2007); Caprine (<i>Capra hircus</i>) Luteinizing Hormone: Purification and Chromatographic Investigation of its Different Isoforms. <i>Preparative Biochemistry and Biotechnology</i>, Volume 37, pp 277.</li> <li>Pramod V. Prasad, Shail K. Chaube, Manoj Panchal, <b>Rajesh Chaudhary</b>, K. Muralidhar, Vishwajeet Rohil, G.L. Kumari, Anand Kumar, B. Ashish, G.S. Murthy and T.G. Shrivastav.(2007); Molecular dissection of an hCG-<math>\beta</math> epitope using single-step solid phase radioimmunoassay, <i>Clin.Chemi Acta</i>. Volume 376, pp 52.</li> <li>Vineet Sharma, <b>Rajesh Chaudhary</b>, Jitender M. Khurana and K. Muralidhar (2008); In-gel detection of urease by nitroprusside-thiol reaction. <i>Phytochemical Analysis</i>, Volume 19, pp 99.</li> <li>K. Muralidhar and <b>Rajesh Chaudhary</b> (2008); Assessment of current protocols for the production of therapeutic gonadotropins PNAS (India), Volume LXXVII, part III, pp 189.</li> <li>Arora, T, Vasistha, T, <b>Rajesh Chaudhary</b>, Muralidhar, K. (2010); Pseudo-affinity chromatography approach to probe heterogeneity in buffalo pituitary luteinizing hormone: Probable Pseudolectin- like behavior of immobilized Cibacron Blue 3GA. <i>J. Chromatogr. B</i>, Volume 878, pp2679.</li> </ol>

11. **Rajesh Chaudhary**, Taruna Arora, Nidhi Vasistha, Sakshi Gera (2012); Interaction between Cibacron Blue F3GA and Luteinizing Hormone: A Chromatographic Investigation, *IOSR Journal of Pharmacy*, Volume 2(2), pp 242.
12. Jaeok Lee, **Rajesh Chaudhary**, Kambadur Muralidhar, (2012); Anti-Angiogenic Activity of Naturally Occurring Lower Size Isoforms of Buffalo Pituitary Prolactin. *International Journal of Science and Technology*. Volume 1, pp 292.
13. Muralidhar K. **Rajesh Chaudhary** et.al. (2015); Book Chapter: Gonadotropins: past Present and Future in 'Mammalian Endocrinology and Male Reproductive Biology', Ed; Shio Kumar Singh, Publisher: CRC Press, ISBN: 9781498727358.
14. **Rajesh Chaudhary**, Manoj Panchal and K. Muralidhar. (2018); A Simple Method to Purify Growth and Milk Enhancing Hormones (Growth Hormone and Prolactin) In High Yield Form the Pituitary Glands of Indian Domestic Goats (*Capra hircus*). *IOSR Journal Of Pharmacy*, Volume 8, pp 35.
15. **Rajesh Chaudhary** and Vinesh Kumar (2019); Sightings of *Jamides bochus* (Stoll, [1782]) and *Prosotas nora* (C. Felder, 1860) (Insecta: Lepidoptera: Lycaenidae) from urbanized parts of New Delhi, India. *Bionotes*, Volume 21, pp 3.
16. **Rajesh Chaudhary**, Sanjay Chhimwal & Vinesh Kumar. (2020); A comprehensive checklist of butterflies seen in Corbett Tiger Reserve, Uttarakhand, India. *Bionotes*, Volume 22, pp 167.
17. **Rajesh Chaudhary**. (2020); Neem flowers (*Azadirachta indica*) as an abundant source of nectar for butterflies in an urban landscape in Delhi, India. *Bionotes*, Volume 22, pp 129.
18. **Rajesh Chaudhary** and Vinesh Kumar. (2020); Oviposition by *Jamides bochus* (Stoll, [1782]) (Insecta: Lepidoptera: Lycaenidae) in New Delhi, India. *Bionotes*, Volume 22, pp 157.
19. **Rajesh Chaudhary** and Vinesh Kumar. (2021); Genera of ants associated with larvae of plains cupid (*Chilades pandava*, Horsfield, 1829) (Insecta: Lepidoptera: Lycaenidae) infesting *cycas*, in Delhi, India, and an insight into the nature of their interaction, *Bionotes*, Volume 23, pp 88.
20. **Rajesh Chaudhary**. (2021); Sighting of Plain Tiger (*Danaus chrysippus*, Linn., 1758) form *dorippus* in New Delhi, India. *Bionotes*, Volume 23, pp 62.
21. **Rajesh Chaudhary**. (2021); Shelter building behaviour of *Hasora chromus* (Cramer, 1780) larvae (Insecta: Lepidoptera: Hesperidae). *Bionotes*, Volume 23, pp 11.
22. **Rajesh Chaudhary** and Chandra Bhusan Maurya. (2021); Sightings of the tailless lineblue *Prosotas dubiosa* (Insecta: Lepidoptera: Lycaenidae) in Delhi, India. *Bionotes*, Volume 23, pp 171.
23. **Rajesh Chaudhary**. (2022); Sighting of Ruddy Meadow Skimmer *Neurothemis intermedia* (Rambur, 1842) (insecta: odonata: Libellulidae) in Delhi, India. *Bionotes*, Volume 24, pp 254.
24. **Rajesh Chaudhary**. (2022); Ovipositing record of Tailless Lineblue *prosotas dubiosa* (Semper, [1879]) (Insecta: Lepidoptera: Lycaenidae) from the vicinity of Delhi. *Bionotes*, Volume 24, pp 260.

**25. Rajesh Chaudhary** Vinesh Kumar. (2022); Evidence of breeding of *Jamides bochus* (Stoll, [1782]) (Insecta: Lepidoptera: Lycaenidae) in New Delhi, India. *Bionotes*, Volume 24, pp252.

#### **BOOK CHAPTERS**

Book Chapters: For B. Sc. (Honours) Biochemistry, Indira Gandhi National Open University, (IGNOU).

- Unit: Dietary Carbohydrates and Health
- Unit: Dietary Fats and Health
- Unit: Dietary Proteins and Health

#### **BOOK**

1. Ranthambhore National Park: A virtual Tour, Photographic Book (2015); Author and Publisher: Vinesh Kumar and **Rajesh Chaudhary**, ISBN: 9789352541812.

#### Conference / Presentations /Workshops

1. Indian Science Congress, Year 2000, Jan 3-7, held at University of Pune.
2. Work titled as “Caprine (*Capra hircus*) Luteinizing hormone purification and chromatographic investigation of its different isoforms” accepted for oral presentation in Indian Science congress Year 2007, Jan 3-7, held in Annamalai University, Annamalainagar, Chidambaram, Tamil Nadu.
3. Work titled as “Investigation on purification of Caprine (*Capra hircus*) Luteinizing Hormone and microheterogeneity” presented as poster presentation in 4th Congress of Federation of Indian Physiological Society (FIPS), 11-13 Jan 2007 Held at Delhi.
4. Attended Training course on “Statistical Package for Social Science” Held at University of Delhi, Computer Centre on 15/6/2009 to 19/6/2009.
5. Participated in “Workshop on Development of Online Quizzes in Life Science” Organized by ILL, DU (April 13th 2009).
6. Workshop on Application of Free/ open Source Software in Science Teaching and Research, 14th – 15th April 2010, Organized by Acharya Narendra Dev College.
7. Participated in a Practical training Workshop on “Nature Photography” Held at Acharya Narendra Dev College, University of Delhi on 20-21 October, 2011.
8. Participated in The Academic Congress “Enabling the Young: Redefining Education” held at University of Delhi, on 6-7 September 2012, Organized by university of Delhi.
9. National Conference on Recent advances in Biomedical Science: Diagnosis and Research, Organised by The society of Biomedical Laboratory Scientists, India, held at Gandhi Peace Foundation, Deen Dayal Upadhyaya Marg, New Delhi on December 16, 2016.

10. Orientation Programme, OR-77, held at CPDHE Academic Research Centre, University of Delhi, from June 23 to July 19, 2014.
11. Refresher Programme (Contemporary Studies), held at CPDHE Academic Research Centre, University of Delhi, from 7th June to 27th June 2016.
12. Refresher Course in Life Sciences, CPDHE from 17th July, 2018 to 6th August, 2018.
13. Faculty Development Programme (online) on 'Enhancing Psychological Skills For Teaching & Practice'. 15<sup>th</sup> Sept. 2020 to 29<sup>th</sup> Sept. 2020, organized by Ramanujan College-HRD-Pandit M.M. Malaviya National Mission on Teachers and Teaching, form
14. One Week Faculty Development Programme on "Higher education: road ahead developing next generation academic leaders". 25th Nov. 2020- 1<sup>st</sup> Dec 2020, Organized by Department of Commerce & IQAC, Sri Venkateswara College, University of Delhi In Collaboration with Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College.
15. One Week Faculty Development Programme on "Qualitative data analysis". 21st Dec. 2020-28<sup>th</sup> Dec. 2020. Teaching Learning Centre, Ramanujan College, Delhi.

*Conference / Presentations /Workshops Organized:*

1. Resource Person in "**Workshop for Biology Laboratory course (course code: LS306)**", Organized by ILL and Centre for promotion of undergraduate research and training (October 21-24<sup>th</sup> 2008).
2. Member of Organizing Committee National Symposium on "**Chemistry in Biology: The future of Life Science**" organized by Acharya Narendra Dev College (12-13<sup>th</sup> Feb.2010).
3. Member of Organizing Committee on International Conference, **OPEN 2011 "Open Paradigms in Education"** Organized by Acharya Narendra Dev College. 31<sup>st</sup> to 2 Feb 2011.
4. Member of **Quest Organizing Committee** 2010-2011, Organized by Centre for Science Education and Communications, University of Delhi.
5. Member of **Quest Organizing Committee** 2011-12, Organized by Centre for Science Education and Communications, University of Delhi.
6. Member of Organizing Committee for '**National Conference and Workshop on Trends and Scope of Forensic Science**' Held on 11-12<sup>th</sup> April, 2017.
7. Member of Organizing Committee for '**Education Conclave**' 2018 held at Acharya Narendra Dev

College on 02 November 2018.
<b>Research Projects (Major Grants/Research Collaboration)</b>
<ol style="list-style-type: none"> <li>1. Recording and Analysis of Locomotory Behaviour Among Birds <b>(ANDC-106), DU, Innovation Project, 2012-13</b>, Cost: 10 Lakh, Duration: One year.</li> <li>2. Glucose Detection- A Bio-sensing Approach (ANDC-101), <b>DU, Innovation Project, 2012-13</b>, Cost: 10 Laks, Duration: One year.</li> </ol>
<b>Awards and Distinctions</b>
<ol style="list-style-type: none"> <li>1. CSIR UGC-JRF-NET</li> <li>2. ICMR-JRF (Indian Council for Medical Research-JRF)</li> <li>3. CSIR Extended SRF</li> <li>4. CSIR-Research Associate</li> </ol>
<b>Association With Professional Bodies</b>
Member of Board of Directors -ANDC Instart Foundation, Govt. of NCT of Delhi
<b>Other Activities</b>
<p><b>Sports</b> Member of College Teachers Cricket Team.</p> <p><b>Reports/articles in Print Media</b></p> <ol style="list-style-type: none"> <li>1. Expert explore possibilities to create 'highways' for butterflies in Delhi. 27<sup>th</sup> August 2018, Hindustan Times, New Delhi.</li> <li>2. Butterfly Species Up from 69 to 75: Experts, Hindustan times, 2018.</li> <li>3. तितली उड़ी...पार्को में बढ़कर चली, दिल्ली-एनसीआर में 75 प्रजातियां मिलीं. नवभारत टाइम्स   Oct 9, 2018.</li> <li>4. Butterfly spotted in Delhi in 2018 was last seen in 1962: Researchers. Updated: Jul 16, 2019, Hindustan Times, New Delhi.</li> <li>5. live Hindustan.com, Wed, 17 Jul 2019 04:44 PM IST.</li> <li>6. ETv News (Uttarakhand) 21 Oct 2020, 10:37 am IST</li> <li>7. Pahar Today, 25 October 2020, <a href="https://pahadtoday.com/">https://pahadtoday.com/</a></li> <li>8. Tailless Lineblue butterfly spotted in Delhi for first time; The Times Of India; May 9, 2022, 11:12 IST</li> <li>9. The Dark Side of Butterflies; The Hindu, Magazine; 2022, November 20.</li> </ol>

**Rajesh Chaudhary**  
Signature of Faculty Member