




## Faculty Details proforma for DU College Web-site



Title	Dr.	First Name	Rajesh	Last Name	Chaudhary	Photograph
Designation	Assistant Professor					
Address	Acharya Narendra Dev College Govind Puri, Kalkaji New Delhi-110019.					
Phone No Office	011-26294542					
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Email/ Web-Page	<a href="mailto:rajeshchaudhary@andc.du.ac.in">rajeshchaudhary@andc.du.ac.in</a>					
Educational Qualifications						
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	
Career Profile						
Assistant Professor in Department of Biomedical Science since 2008						
Administrative Assignments						
Convener/member or various College/University Department Level Committees such as : 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 syllabus of BSc (H) Biomedical Science, Coordinator for Delhi University ECA Trials, Examination Committee.						
Areas of Interest / Specialization						
Biochemistry of Anterior Pituitary Hormone, Protein Purification, Protein Biochemistry.						
Subjects Taught						
Toxicology, Pharmacology, Biophysics, Social and Preventive Medicine, Pharmacy and Pharmaceuticals, Medicinal Chemistry, Human Physiology, Pathology, Biochemistry, Bioorganic Chemistry						
Research Guidance						
None						

## Publications Profile

1. **Rajesh Chaudhary** and K. Muralidhar, (2004); Use of SP- Sephadex to obtain Semi pure LH Preparation From whole Pituitaries of Indian water buffaloes. *Preparative Biochemistry and Biotechnology*, Volume 34, No.4, pp315.
2. **Rajesh Chaudhary**, J. O. Lee and K. Muralidhar, (2004); Simultaneous Isolation of Prolactin and Growth Hormone from “Discarded Acid Pellet” Obtained from Buffalo Pituitaries. *Preparative Biochemistry and Biotechnology*, Volume 34, No.4, pp331.
3. **Rajesh Chaudhary**, J. O. Lee and K. Muralidhar. (2005); Enhanced yield and homogeneity of Buffalo Growth Hormone by an Improved Chromatographic Protocol. *Preparative Biochemistry and Biotechnology*, Volume 35 No.4, pp313.
4. H. S. Chand, **Rajesh Chaudhary**, and K, Muralidhar (2005); A reference Preparation of Buffalo Pituitary Follicle Stimulating Hormone using Lectin Affinity Chromatography *Preparative Biochemistry and Biotechnology*, Volume 35 No.4, pp331.
5. **Rajesh Chaudhary**, Sulakshna Jain, K. Muralidhar, and M. N. Gupta (2006); Purification of Bubaline luteinizing hormone by gel filtration Chromatography in the presence of blue dextran. *Process Biochemistry*, Volume 41, pp562.
6. **Rajesh Chaudhary** and K Muralidhar (2007); Caprine (*Capra hircus*) Luteinizing Hormone: Purification and Chromatographic Investigation of its Different Isoforms. *Prep. Biochem. Biotechnol.* Volume 37, pp277
7. Pramod V. Prasad, Shail K. Chaube, Manoj Panchal, **Rajesh Chaudhary**, K. Muralidhar, Vishwajeet Rohil, G.L. Kumari, Anand Kumar, B. Ashish, G.S. Murthy and T.G. Shrivastav.(2007); Molecular dissection of an hCG- $\beta$  epitope using single-step solid phase radioimmunoassay, *Clin.Chemi Acta.* 376, pp 52.
8. Vineet Sharma, **Rajesh Chaudhary**, Jitender M. Khurana and K. Muralidhar (2008); In-gel detection of urease by nitroprusside-thiol reaction. *Phytochemical Analysis.* 19, pp99.
9. K. Muralidhar and **Rajesh Chaudhary** (2008); Assessment of current protocols for the production of therapeutic gonadotropins PNAS (India), Vol LXXVII, part III, pp189.
10. Arora, T, Vasistha, T, **Rajesh Chaudhary**, Muralidhar, K. (2010); Pseudo-affinity chromatography approach to probe heterogeneity in buffalo pituitary luteinizing hormone: Probable Pseudolectin- like behavior of immobilized Cibacron Blue 3GA. *J. Chromatogr. B*, vol 878, pp-2679.
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*, Vol 2(2), pp242.
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.* Vol.1(6) 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* [www.iosrphr.org](http://www.iosrphr.org) (e)-ISSN: 2250-3013,

(p)-ISSN: 2319-4219 Volume 8, Issue 4 Version. II (April), PP. 35-44.

**15. Rajesh Chaudhary et al. (2019)** Sightings of *Jamides bochus* (Stoll, [1782]) and *Prosotas nora* (C. Felder, 1860)(Insecta: Lepidoptera: Lycaenidae) from urbanized parts of New Delhi, India. Bionotes (ISSN 0972-1800), 21, pp 3-5.

Conference / Presentations /Workshops

*Conference / Presentations /Workshops Attended*

- 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 **4<sup>th</sup> 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 13<sup>th</sup> 2009).
- 6. Workshop on Application of Free/ open Source Software in Science Teaching and Research**, 14<sup>th</sup> – 15<sup>th</sup> 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 7<sup>th</sup> June to 27<sup>th</sup> June 2016.
- 12. Refresher Course** in Life Sciences, CPDHE from 17th July, 2018 to 6th August, 2018.

*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.

Research Projects (Major Grants/Research Collaboration)

1. Recording and Analysis of Locomotory Behaviour Among Birds (**ANDC-106**), **DU, Innovation Project, 2012-13**, Cost: 10 Lakh, Duration: One year.
2. Glucose Detection- A Bio-sensing Approach (ANDC-101), **DU, Innovation Project, 2012-13**, Cost: 10 Laks, Duration: One year.

Awards and Distinctions

1. **CSIR UGC-JRF-NET**
2. **ICMR-JRF (Indian Council for Medical Research-JRF)**
3. **CSIR Extended SRF**
4. **CSIR-Research Associate**

Association With Professional Bodies

Member of Board of Directors -ANDC Instart Foundation, Govt. of NCT of Delhi

Other Activities

**Sports:**

Member of College Teachers Cricket Team.

**Book Published and Reporting**

1. Ranthambhore National Park: A virtual Tour, Photographic Book (2015); Author and Publisher: Vinesh Kumar and **Rajesh Chaudhary**, ISBN: 9789352541812.
2. Expert explore possibilities to create 'highways' for butterflies in Delhi. 27<sup>th</sup> August 2018, Hindustan Times, New Delhi.
3. Butterfly Species Up from 69 to 75: Experts, Hindustan times, 2018.
4. तितली उड़ी...पार्को में बढ़कर चली, दिल्ली-एनसीआर में 75 प्रजातियां मिलीं. नवभारत टाइम्स | Oct 9, 2018
5. Butterfly spotted in Delhi in 2018 was last seen in 1962: Researchers. Updated: Jul 16, 2019, Hindustan Times, New Delhi.
- 6.live Hindustan.com, Wed, 17 Jul 2019 04:44 PM IST.

Rajesh Chaudhary

Signature of Faculty Member