

Faculty information

1. Name & Designation: Dr Gulab Chandra, Assistant Professor

2. Passport size photo (jpeg format):



3. Highest qualifications: PhD

4. Specialization/ Area of interest: Veterinary Physiology

5. Contact details (Mobile No & Email address): +91-8052968634, gulabdrvet@gmail.com
gulabchandra.vet@svpuat.edu.in

6. Brief profile (Not more than one page):

a. Name & Designation: Dr Gulab Chandra, Assistant Professor

b. Academic qualification

| Degree | Institute/University | Year | Subject |
|-----------|---|------|---|
| PhD | National Dairy Research Institute, Karnal-132001, Haryana, India | 2012 | Veterinary Physiology |
| MVSc | National Dairy Research Institute, Karnal-132001, Haryana, India | 2009 | Veterinary Physiology |
| BVSc & AH | Acharya Narendra Deva University of Agriculture & Technology, Kumarganj-224229, Ayodhya, Uttar Pradesh, India | 2007 | As per MSVE of Veterinary Council of India, New Delhi |

c. Professional position held:

| Designation | Period | University / Institution |
|---------------------|-------------------------|--|
| Assistant Professor | 27 Jan 2014- Till now | Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110, Uttar Pradesh, India |
| Veterinary Officer | 15 Dec 2011-26 Jan 2014 | Uttar Pradesh Animal Husbandry Department, Lucknow, Uttar Pradesh, India |

d. Number of publications along with ten best publications in APA format: 57

| Description | Publication | |
|-----------------|---------------|----|
| Research Papers | National | 33 |
| | International | 14 |
| Review Articles | National | 08 |
| | International | 03 |
| Popular article | 09 | |
| Book | 01 | |
| Book Chapter | 20 | |
| Abstract | 50 | |

- Kumar, R., Sahu, D. S., **Chandra, G.**, Yadav, S.P., Rajkumar, Ali, N., Roy, D., & Maurya, P.S. (2022). Effect of Astaxanthin and Copper Supplementation on Growth, Immunity, Antioxidant, and Blood Biochemical Status of Growing Murrah Buffalo Heifers. *Biological Trace Element and Research*, 200: 5052-5063. (NAAS: 10.08)
- Singh, A.K., Upadhyay, R. C., **Chandra, G.**, Kumar, S, Malakar, D., Singh, S.V. & Singh, M.K. (2020). Genomewide expression analysis of the heat stress response in

dermal fibroblasts of Tharparkar (zebu) and Karan-Fries (zebu × taurine) cattle. *Cell Stress and Chaperones*, 25: 327-344. (NAAS: 9.83)

3. **Chandra, G.**, Aggarwal, A., Kumar, M. & Singh, A. K. (2018). Effect of zinc and vitamin E supplementation on hormones and blood biochemicals in peripartum Sahiwal cows. *Journal of Trace Element in Medicine and Biology*, 50: 489-497. (NAAS: 10.00)
4. Aggarwal, A. & **Chandra, G.** (2018). The effect of additional supplementation of vitamin E and zinc on endocrine and metabolic changes in dairy cows during periparturient period. *Veterinarski Arhiv*, 88 (6): 733-748. (NAAS: 6.41)
5. **Chandra, G.**, Aggarwal, A., Singh, A.K. & Kumar, M. (2015). Effect of vitamin E and zinc supplementation on liver enzymatic profile of pre- and post-partum Sahiwal cows. *Indian Journal of Animal Science*, 84: 507-510. (NAAS: 6.29)
6. **Chandra, G.**, Aggarwal, A., Kumar, M., Singh, A. K., Sharma, V. K. & Upadhyay, R. C. (2014). Effect of additional vitamin E and zinc supplementation on immunological changes in peripartum Sahiwal cows. *Journal of Animal Physiology and Animal Nutrition*, 98: 1166–1175. (NAAS: 8.72)
7. **Chandra, G.**, Aggarwal, A., Singh, A. K., Kumar, M. & Upadhyay R. C. (2013). Effect of Vitamin E and Zinc Supplementation on Energy Metabolites, Lipid Peroxidation, and Milk Production in Peripartum Sahiwal Cows. *Asian Australasian Journal of Animal Science*, 26 (11): 1569-1576. (NAAS: 8.69)
8. Kumar, M., Kaur, H., Tyagi, A.K., Kewalramani, N.J., Mani, V., Deka, R. S., Sharma, V. K., **Chandra, G.**, & Dang, A.K. (2013). Effect of Feeding Inorganic Chromium on Growth Performance, Endocrine Variables, and Energy Metabolites in Winter-Exposed Buffalo Calves (*Bubalus bubalis*). *Biological Trace Element and Research*, 155: 352–360. (NAAS: 10.08)
9. Aggarwal, A., Ashutosh, **Chandra G.** & Singh, A. K. (2013). Heat shock protein 70, oxidative stress, and antioxidant status in periparturient crossbred cows supplemented with α -tocopherol acetate. *Tropical Animal Health and Production*, 45: 239–245. (NAAS: 7.89)
10. **Chandra, G.**, Aggarwal, A., Singh, A. K. & Kumar, M. (2012). TNF- α level and metabolic status in α -tocopheryl acetate supplemented high body condition periparturient crossbred cows during summer and winter. *Indian Journal of Animal Sciences*, 82 (9): 999–1003. (NAAS: 6.29)

e. Student-guided/ Co-guided

| Student | Guided (Number) | Co-guided (Number) |
|---------|-----------------|--------------------|
| PG | - | 20 |
| PhD | - | 02 |

f. Award/ Recognition

1. ICAR-Junior Research Fellowship, 2007-2009
2. NDRI-Institutional Fellowship, 2009-2012
3. Merit Certificate for topper in Ph.D., 2012
4. Best poster presentation award in XXVIII Annual Convention and International Conference on “Challenge and Opportunity in Animal Health at the face of globalization and Climate Change” held on 30 October-01 November 2014 at DUVASU, Mathura

5. Best poster presentation award in 4th Uttar Pradesh Agricultural Science Congress held at Chandra Shekhar Azad University of Agriculture and Technology, Kanpur on 4th March 2016.
6. Certificate of Appreciation, 2016 (for outstanding dedication and commitment during the organization of Akhil Bhartiya Pashu Pradarshani) by Hon'ble Vice-Chancellor, SVPUAT, Meerut
7. APA Best Research paper award by Animal Physiologists Association (APA) in 2019.
8. Young scientist award by SWEFT (Society for World Environment, Food, and Technology) in 2020
9. Best poster presentation award in National Seminar and Annual Conference on *Prospects and Potential of Small Ruminants Production for Enhancing Income* under Changing Scenario organized at ICAE-CSWRI, Avikanagar, Rajasthan from 10-12 November 2022.
10. Best Paper Digital Presentation Award at 19th Biennial International Conference, ANSICON-2022 organized by the Department of Animal Nutrition, GADVASU, Ludhiana Punjab-141004.
11. The College of Veterinary and Animal Sciences got 1st position in the group of Universities under our supervision during the Agro-Industrial Exhibition held in the University Campus from 18-20 October 2022.