

CURRICULUM VITAE

Dr. DINESH KUMAR SHARMA

C-3, Kunj- Vihar

Garh road Meerut

Meerut (U.P.), INDIA

Phone No. +919410454866

E. Mail: drdksbio@gmail.com, dksharma@ccsuniversity.ac.in



CAREER OBJECTIVE:

To excel in the field of Microbiology and all fields of life as well as in profession where I can achieve my predetermined objective without negative variance and thus add value to every aspect I undertake.

PERSONAL PROFILE:

Father's name : Sh. S. C. Sharma
Designation : Lecturer (on contract)
Address : Microbiology department, C.C.S. University campus, Meerut
Marital status : Married
Domicile : Uttar Pradesh, India
Category : General
Languages : Hindi & English

EDUCATIONAL QUALIFICATION: M. Sc, M. Phil, Ph. D., GATE

ACADEMICS:

Ph.D * :2007, C.C.S. University, Campus, Meerut. India

GATE** :2005, (Good percentile)

M.Phil *** :2003, C.C.S. University, Campus, Meerut. India

M.Sc. **** :2002, C.C.S. University, Campus, Meerut. India

*Completed the thesis on the topic entitled “**Effect of wavelength and light intensity on testicular response in male brahminy myna, *Sturnus pagodarum***” Under UGC research project in the Department of Zoology, C.C.S. University, Campus, Meerut.

**GATE qualified with Biochemistry, Chemistry and Zoology.

Completed the M. Phil. project on, “**Effect of complete and skeleton photoperiod on BAYA WEAVER, *Ploceus philippinus” in the Department of Zoology, C.C.S. University, Campus, Meerut. (Ist division)

****M. Sc. Specialization-**Immunoparasitology (Ist division)**

MEMBERSHIP IN SCIENTIFIC SOCIETY:-

Life member, Indian Science Congress Association (ISCA)

Life member, Indian Society for Chronobiology (ISC)

Life member, Association of Microbiology of India (AMI)

SCOLARSHIPS

Project Fellow (Duration -3 years during Ph. D) under UGC research major project.

AWARDS/HONORS

Excellence Teaching Award-2020, 4th International Conference, Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA- 2020) during Pandemic Era of COVID- 19 organized by ATDS, Ghaziabad, UP, India February 26 - 28, 2021

WORK EXPERIENCE:-

Teaching (More than Fourteen years)

Teaching assistant: 6 months (1 sem.-2005 Session) Department of Zoology, Ch. Charan Singh University campus, Meerut.

Subject- **Genetics and Practicals**

Lecturer (on contract): (August-2007-cont...) Department of Microbiology, Ch. Charan Singh University campus, Meerut

Subject:-**Molecular Biology and Genetic Engineering, Molecular Immunology, Biochemistry, Parasitology, Microbiology and Immunology and Virology.**

Research School:- (10 days) 4th SERC school in **CHRONOBIOLOGY** in Annamalai University, Annamalainagar, Chidambaran, Tamil Nadu. (**DST Activity**, Govt of India, New Delhi)

Research - 9 Years (M. Phil, Ph. D)

Summer training – 2 Months (During M. Sc. In toxicology lab under supervision of **Prof. S. V. S. Rana**, Head, Dept. of Zoology, Ch. Charan Singh University campus, Meerut)

COMMITTIES:

Registration committees: International Conference on “Advances in Agricultural and Biodiversity Conservation for Sustainable Development” held on 27-28 October, 2017 at Brahaspati Bhawan, C.C.S. University, Meerut.

Joint Organizing Secretary: International Conference on “Advances in Agricultural and Biodiversity Conservation for Sustainable Development” held on 27-28 October, 2017 at Brahaspati Bhawan, C.C.S. University, Meerut.

M. Phil STUDENT GUIDED - 3

Topic-1: Isolation, Identification and Antibiotic Resistance Profiling of β - Lactamase Producing Microorganisms of Human skin. (**Mr. Lalit Chaurasia**) (2011-2012)

Topic-2: Biosorption of textile dye effluents by *Aspergillus* spp. (**Mr. Naved Ali**) (2012-2013)

Topic-3: Studies on Antifungal Potential and Seed Germination Enhancement Efficacy of the Dominant Invasive Weeds (**Mr. Brijesh Kumar**) (2013-2014)

Present Assignments in CCS University Campus Meerut:

- ✓ **Teaching Faculty in Department of Microbiology:** Teaching Faculty in the course of Microbiology (M.Sc. and M.Phil.), Applied Microbiology, Medical Microbiology, Bioinformatics and B.Sc. Food Microbiology of Department of Microbiology.

Assistance to University Administration Work:

- ✓ Internal Flying Squad of Centralized University Campus Examination.
- ✓ Invigilation of Centralized University Campus Examination and Entrance Examinations.
- ✓ Examiner appointed to theory and practical examination.
- ✓ Coordinator of M.Phil During 2017-2020
- ✓ Paper setter (UG, PG and M.Phil level).
- ✓ Member, Auditorium committee for the Convocations.
- ✓ Member, awareness for vaccination against COVID-19

RELEVANT SKILLS AND ACCOMPLISHMENTS:

Technical:

- Staining, Preservation, Mounting, Laparotomy, Centrifugation, Spectrophotometer, Birds Handling, Intensity measurement by Radiometer, Hormone (testosterone, and melatonin) administration in birds.
- Molecular Biology: Isolation of DNA, RNA, SDS-PAGE for isolation of proteins, Agarose gel electrophoresis, RFLP, PCR.

- Biochemistry: Analysis of sugars, proteins and other biomolecules.

Analytical:

- Utilizing software including Microsoft office (Word, Excel, Powerpoint), Internet, Prizm software for statistical analysis.
- Delivered scientific presentations in conferences and seminars.

LIST OF PUBLICATION:- 04+11=16

BOOK CHAPTER: (04)

1. **Dinesh Kumar Sharma** (2018). **The Effect of Air Pollutants on Human Health and Their Mechanisms of Cellular Action**. “Advances in Biodiversity Conservation for Sustainable Development”; ISBN: 978-93-84113-90-2; 234-237; Published by Parmar Publishers and Distributors 854, KG Ashram, Bhuinphod, Govindpur Road, Dhanbad-828109, Jharkhand, India.
2. **Dinesh Kumar Sharma** and Anirudh Kumar Sharma (2018). “**TELOMERASE: A Cellular Reverse Transcriptase**”. Advances in Environment and Agriculture Biotechnology; ISBN: 978-3-96492-D80-5; 213-220. Published by Weser Books No 78737, Aussere Webserstr.57 02763 Zittau, Germany.
3. **Dinesh Kumar Sharma**, Ayushi Srivastava and Anirudh Kumar Sharma (2019). “**BIOMARKERS: A Product of Advanced Clinical Research**”. Current Initiatives in Biosciences; ISBN: 978-3-96492-110-9; 102-107; Printed & Published by: Weser Books No.78737, Aussere Webserstr. 57 02763 Zittau, Germany.
4. **Dinesh Kumar Sharma** and Anirudh Kumar Sharma (2019). “**EDIBLE VACCINES: A Effective Way for Immunization**”. Current Initiatives in Biosciences; ISBN: 978-3-96492-110-9; 177-189; Printed & Published by: Weser Books No.78737, Aussere Webserstr. 57 02763 Zittau, Germany.

FULL LENGTH PAPERS:

1. **Dinesh Kumar Sharma & Sanjay Kumar Bhardwaj (2012)**. Influence of light intensity and wavelength on testicular responses in male Brahminy myna. Biological Rhythm Research. 44, Pp 1-8 (UK) ISSN 0929-1016 (Print), 1744-4179 (Online) IF-1.216.
2. Kumar, B.S., **Sharma, D.K.** and Anushi (2006). Effect of complete and skeleton photoperiods in baya weaver, *Ploceus philippinus*. *Journal of Environmental Biology*.**27 (3)**, 505-508. ISSN-0254-8704, IF-0.64.

3. **Sharma, D.K.**, Arvind Kumar and B. Sanjay Kumar (2007). Influence of Testosterone on Body mass and Testicular Response in the male Brahminy myna, *Sturnus pagodarum*. (Proceeding of Recent advances in applied zoology-2006 Pp. 209-217).
4. Sharma P. K., Sharma A.K., Kumar Mahesh and **Sharma, D.K.** (2008). Mycoparasitism of *Trichoderma Spp.* Against Management of Pigeonpea Wilt Caused by *Fusarium udum*. (Proceeding of National Seminar on Conservation and Utilization of Natural Resoures and their Role in Sustainable development. Pp.81-86.
5. Sharma A.K., Kumar Mahesh, Negi K.S. and **Shrama D.K.** (2008). Multiplication and Conservation of Rare Medicinal Plant Kakarsinghi (*Pistaciakhinkjuk stew. Ex brandis*) . Proceeding of National Seminar on Conservation and Utilization of Natural Resoures and their Role in Sustainable development. Pp.81-86.
6. A.K.Sharma, **D.K. Sharma**, Munesh, M. Kumar, and P. K. Sharma (2009). Study of Chemical Fertilizer and Fym on The Growth and Yield of Karchoor: A Less Known Medicinal Plant. Journal of Plant Development Sciences, Vol. 1 (1&2): 69-71, 2009. ISSN 0974-6382; NATIONAL ACADEMY OF AGRICULTURAL SCIENCES (NAAS) RATING: 2.3
7. P.K.Sharma, M. Kumar, A. Garg, V. Dhaka and, **D.K. Sharma** (2009). Quantitative Analysis of Microbial Communities in a Typical Pharmaceutical Water System on Basis of Conventional Culture Method. Journal of Plant Development Sciences, Vol. 1 (1&2): 23-25, 2009. ISSN 0974-6382; NATIONAL ACADEMY OF AGRICULTURAL SCIENCES (NAAS) RATING: 2.3.
8. M. Kumar, Munesh, **D. K. Sharma**, A.K.Sharma, P.K.Sharma, (2009). Compatibility of Bio-Control Agent *Trichoderma viride* with Some Pesticides. Journal of Plant Development Sciences, Vol. 1 (1&2): 21-22, 2009. ISSN 0974-6382; NATIONAL ACADEMY OF AGRICULTURAL SCIENCES (NAAS) RATING: 2.3.
9. Arvind Kumar, R. K. Pandey, IshaChoudhary, **D. K. Sharma** and S.K. Bhardwaj (2010). Role of testosterone on body mass, body molts, primary flight feather, plumage regeneration and testis in brahminy myna (*Sturnus pagodarum*). *The Scientific Temper*. Vol (1), 39-46. ISSN- 0976-8653.
10. A.K. Sharma, **D.K. Sharma**, M. Kumar and R. Kumar (2015). Effect of Nitrogen, Phosphorus and Spacing on growth and yield of Okra. Journal of Plant Development Sciences Vol (7), 681-683, ISSN 0974-6382; NATIONAL ACADEMY OF AGRICULTURAL SCIENCES (NAAS) RATING: 2.3

11. Anirudh Kumar Sharma, **Dinesh Kumar Sharma** and Rashmi Nigam (2015). Studies on the Effect of Nitrogen and Potash on Growth and Fruit Yield of Okra. Proceeding of UGC sponsored National Seminar on Innovative Approaches for Sustainable Agriculture, Livelihood and Environment security. 188-189, ISBN: 978.93-84224-44.1.
12. Lalit Kumar Chaurasia and **Dinesh Kumar Sharma (2021)**. Isolation, Identification and Antibiotic Resistance Profiling of β - Lactamase Producing Microorganisms of Human skin.(**under preparation**).

LIST OF WORKSHOP/ PAPER PRESENTATIONS/ CONFERENCES & SYMPOSIUM ATTENDED (National and International): AND WEBINARS DURING COVID-19:
Total= 06+10+13+18=47

WORKSHOPS: Total=06

1. **4th SERC school in CHRONOBIOLOGY** (DST Activity, Govt of India) organized by Department of Biotechnology and Biochemistry, Annamalai University, Annamalainagar, Chidambarum, TamilNadu (**24 December, 2005 to 04 January, 2006**).
2. National Workshop on **Applied Nematology (NWAN-2009)**, Department of Zoology, C.C.S. University, Meerut (**November, 23-29, 2009**).
3. National workshop on “**RECENT ADVANCES IN NEMATODE TAXONOMY**” -**RANT-2014**organised by Department of Zoology, C. C. S. University, Meerut (**March 25-31, 2014**).
4. One Week Workshop on “**Web Designing**” dated 16th June to 25thJune 2016 at Department of Microbiology, C.C.S. University, Meerut.
5. National Workshop on “**Identification of Mushrooms and Their Cultivation**” organized by Department of Botany, C.C.S. University, Meerut (**October-3, 2018**).
6. National Workshop on “**Impact of Surrounding Environment on Biology of Animals**” on 18-19 August, 2021 organized by Chronobiology laboratory, Department of Zoology, C.C.S. University, Meerut.

PAPER PRESENTATIONS: Total=10

1. National seminar on “**Challenges and opportunities in animal science education and research (COASER-2005)**”, C.C.S. University, Meerut. (**February 19-21, 2005**).

2. XVII National Symposium on **“CHRONOBIOLOGY”** organised by Department of Zoology, Banaras Hindu University, Varanasi, (**October 1-3, 2005**).
3. National Seminar on **“Environmental Issues and Challenges in Present Scenario”** held on March 13 and 14, 2016, at Sanjay Gandhi (PG) college, Sarurpur Khurd, Meerut.
4. National Symposium on **“Environmental toxicology”** (NSETOX), Department of Zoology, C.C.S. University, Meerut. (25 and 26 March -2016).
5. National Conference on **“Natural Resources Management for Sustainable Agriculture”** held on 25th October, 2016 at Janta Vedic College, Baraut, Baghpat (U.P.) India.
6. International Conference on **“Advances in Agricultural and Biodiversity Conservation for Sustainable Development”(ABCD-2017)** held on 27-28 October, 2017 at Brahaspati Bhawan, C.C.S. University, Meerut.
7. National Seminar on **“Recent Technological Trends in Environmental Issues: Needs and Challenges”** held on 21st January-2018 at Krishna College of Science and Information Technology, Bijnor.
8. International Conference on **“Advances in Agricultural, Biological and Applied Sciences For sustainable Future (ABAS-2018)”** held on 20-22 October, 2018 at Sardar Patel Auditorium, Swami Vivekanand Subharti University, Meerut.
9. International Conference on **“Interdisciplinary Research for Sustainable Development: Innovation and Opportunities” (ICIRSD)**, held during February 14-16, 2020 organized at Vardhaman college, Bijnoor (U.P.), India.
10. International Conference on **“Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020) during Pandemic Era of COVID-19”** on December, 26- 28, 2020, organized by ATDS, Ghaziabad, UP, India at Conference Hall, Shobhit University, Modipuram, Meerut, UP, India

CONFERENCES AND SYMPOSIUM ATTENDED: Total= 13

1. National colloquium on **“Wild life Conservation and Animal Welfare Issues in India”** organized by Department of Zoology, Meerut College, Meerut (**21-22 October-2005**).
2. National conference on **“Recent Advances in Applied Zoology (RAAJ)”** organized by Department of Zoology, C.C.S. University, Meerut (**March 24-25, 2006**).

3. National Seminar on **“Thrust Areas in Fish Biotechnology and Fish Conservation”** organized by Department of Zoology, Meerut college Meerut (**19th September, 2009**).
4. National Conference on **“Traditional conservation of Plant biodiversity and Energy resources vis-à-vis Biotechnological tools for sustainability (NCBEB)”** organized by Department of Botany, C.C.S. University, Meerut (**December 25-26, 2010**).
5. National Conference on **“Depletion of water bodies and its effects on Environment”**. Janta Vedic College, Baraut (Baghpat) (**21-22 February, 2012**).
6. National Seminar on **“Traditional milk products of National Capital Region of India”** Department of Dairy Science and Technology, Janta Vedic College, Baraut (Baghpat) (**11 October, 2012**).
7. National Seminar on **“Challenges in Plant Sciences: Now and Then”** organized by Department of Botany, C.C.S. University, Meerut; (**December 8-10, 2015**).
8. National Seminar on **“Environment Scenario: Climate Change and Sustainable Development”** held on 30th January-2016 at Krishna College of Science and Information Technology, Bijnor.
9. One day national seminar on **“Opportunistic Human Pathogens”** held on 25th June-2016 at Department of Microbiology, C.C.S. University, Meerut.
10. International Conference on **“Technological Advancement for Sustainable Agriculture and Rural Development (TASARD-India, 2017)”** held on February 20-22, 2017 at National Agricultural Science Complex (NASC), New Delhi.
11. National Conference on **“Demonetization, Digital India, and Cashless Economy: A Socio Economic Transformation”** held on March, 17-18, 2017 at Institute of Business Studies, C.C.S. University, Meerut.
12. National symposium on **“Helminthiases and Their Control Measures”** and annual meeting of Helminthological Society of India held on 30-31 March, 2018 at Department of Zoology, C.C.S. University, Meerut-250004.
13. National Seminar on **“Ethnomedicinal Wealth of India: Conservation and Sustainable Management”** held on January 29, 2020 organized by Department of Botany, R.G.P.G. College, Meerut.

WEBINARS DURING COVID-19:- Total-18

1. National e-Conference organized by Institute of Business Studies, SCRIET CCS University, Meerut, Uttar Pradesh, India from 14 to 17th May 2020.
2. International Virtual Conference on **“Emerging Infectious and Zoonotic Diseases (IVCEIZD-2020)”** held on May 17-18, 2020 jointly organized by Department of Zoology, CCS University, Meerut, Uttar Pradesh, India and Art of Giving Charitable Trust, Sankarankovil, Tamilnadu, India.
3. International e-Conference on Topic **“Sustainable Development After COVID-19: Environmental Issues and Challenges”** held on June 01-02, 2020 jointly organized by Department of Zoology and Botany, Deva Nagri College, Meerut and Department of Toxicology, CCS University, Meerut, Uttar Pradesh, India.
4. International e-Conference on **“Genetics and Plant Breeding Research in Post Covid-19 Era”** held on 13-14 June, 2020 organized by Department of Genetics and Plant Breeding Ch. Charan Singh University, Meerut – 250 004 (UP) India.
5. National Webinar Series (NWS)-2020 on **“Immunity and Infection: Biochemical approaches to therapies”** from 15th -21st June 2020 organized by Department of Biochemistry Davangere University, Shivagangothri, Davangere-577007, Karnatka, India.
6. National Webinar on **“Impact of COVID-19 Pandemic on Environment and Future Prospects”** held on June 21, 2020 organized by Department of Zoology, N.R.E.C. College, Khurja-203131, Uttar Pradesh, India.
7. International Webinar on Topic **“Innovations and Practices in Biological and Environment Sciences”** held on June 28, 2020 jointly organized by Department of Botany, Raghunath Girl’s(PG) college, Meerut and Department of Biotechnology and Microbiology, M.I.E.T, Meerut, Uttar Pradesh, India.
8. International Webinar on **“COVID-19: Changing and Research Paradigms-Biology and Drug Targets”** held on June 30, 2020 organized by Department of Zoology, Shri Murli Manohar Town P. G. College, Ballia, Jannayak Chandrashekhar University, Ballia, Uttar Pradesh, India.
9. National Webinar on **“Zoonoses”** organized on the occasion of World Zoonoses Day - 2020, from 1st to 7th July, 2020 organized jointly by Veterinary College Hassan & Hassan

Veterinary College Alumni Association, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar.

10. International Webinar on “**Mass Production and Potential Benefits of Cyanobacterial strain *Spirulina platensis***” held on 13th July 2020 organized by K.L.E. Society’s, Post Graduate Department of Botany, Basavaprabhu Kore Arts, Science and Commerce College, Chikodi, Karnataka.
11. National e-Seminar on “**COVID-19: Impact on Environment-Myth or Reality**” held on July 14, 2020 organized by Department of Zoology, Shri Murli Manohar Town P. G. College, Ballia, Jannayak Chandrashekhar University, Ballia, Uttar Pradesh, India.
12. National Webinar on "**Lecture Programme on Yoga Philosophy and Practice Along with Demonstration**" held on on 15th July, 2020 jointly organized by Chaman Lal Mahavidyalaya Landhaura, Roorkee, Haridwar (U.K.) and Indian Council of Philosophical Research (ICPR), New Delhi, Under MHRD, Govt. Of India.
13. International Webinar on “**Past, Present and Future Trends in Vaccinology**” held on 20th July 2020 organized by Madurai Kamraj University, Madurai.
14. National Webinar on “**Role of Medicinal Plant during COVID-19 Pandemic**” held on 20th July 2020, organized by University Department of Botany, Kolhan University, Chaibasa, Jharkhand-833202.
15. National Webinar On “**Impact of COVID-19 in Human Life & Environment**” held on from 29th July 2020 To 30th July 2020, jointly Organised By Government Autonomous PG College, Satna [MP] & Shri Rama Krishna College of Commerce and Science, Satna [MP] In Association with The National Academy of Sciences, India Bhopal Chapter.
16. National Webinar On “**Post Pandemic challenges and opportunities in Animal Health**” held on August 14, 2020, organized by College of Veterinary & Animal Sciences, Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut, Uttar Pradesh – 250110.
17. National e-workshop on “**Faculty Development Programme**” on Development of E Content, Organization of E-Meetings, and Online classes held on from 24 July to 29 July, 2020 organized by Department of Zoology, Shri Murli Manohar Town P. G. College, Ballia, Jannayak Chandrashekhar University, Ballia, Uttar Pradesh, India.

18. National Webposium on “**Entrepreneurial Opportunities in Sericulture and Entomopathogenic Nematodes,**” organized by Department of Zoology, Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut on 9th December, 2020.

e-QUIZES DURING COVID-19

1. E-Quiz on “**CELL BIOLOGY**” organized by PG & Research Department of Biotechnology, Sri Vinayaga College of Arts and Science, Ulundurpet on 21-7-2020 with a passing score of **80%**.
2. E- Quiz on “**Bhartiya Sanskriti Mein Guru Ki Mahima**” organized by Bhartiya Shikshan Mandal, District Rampur & Moradabad Branch, Meerut Prant (U.P.) on 25th July 2020 (95%).

REFERENCES-

1. Prof. Sanjay Kumar Bhardwaj

Department of Zoology, Ch. Charan Singh University, Meerut (UP)

Email ID - drskumar7@yahoo.com

Mobile no. 09412209675

2. Prof. H. S. Singh

Department of Zoology, Ch. Charan Singh University, Meerut (UP)

Email ID - hirdaya_Singh@rediffmail.com

Mobile no. 09412204430

3. Prof. Y. Vimla

Head, Department of Microbiology, Ch. Charan Singh University, Meerut (UP)

Email ID: yvimala17@gmail.com

Mobile no. 09411905180

DECLARATION:-

I hereby declare that all the above information furnished by me is true to the best of my knowledge.



Date: January 3, 2022

(Dr. Dinesh Kumar Sharma)

Place: Meerut