

## **Curriculum vitae including specialization and employment record**



Name : Ravi Kant Upadhyay

Designation : Professor

Father's Name: Shri Prabhu Dayal Upadhyay

Born : 1st October 1967

Sex : Male

Departmental Address: Department of Zoology, Deen Dayal Upadhyaya Gorakhpur University  
Gorakhpur-273009.U.P.India

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**Home Address:** P-2 Professor Colony, D. D. U. Gorakhpur University, Gorakhpur, U.P. India  
273009

### **ACADEMIC QUALIFICATION:**

**Ph D:** Insect Biochemistry Research Topic: "**Cholesterol absorption in locusts**". Doctorate Degree awarded in Dec. 1997 from University of Delhi under joint registration with National Institute of Immunology, New Delhi. 110067

**M. Phil:** Wild life Conservation, Topic: "**Ecological behavior of the common Hanuman Langur *Persbytis entellus entelles Dufresne***". Secured 69.3% marks in theory and practical. Year 1990, Institute of Basic Sciences, Agra University, Agra.

**M. Sc:** Specialization Fisheries, Ist Div 74.80%, Year 1991, Agra University, Agra.

**M. Sc:** Specialization Entomology, Ist Div., 69.75%, Year 1988. Agra University, Agra.

**B. Sc:** Zoology, Botany & Chemistry. Ist Div. 60.44%, Year 1986 Agra University, Agra.

### **ACADEMIC QUALIFICATION:**

**Ph D:** Insect Biochemistry Research Topic: "**Cholesterol absorption in locusts**". Doctorate Degree awarded in Dec. 1997 from University of Delhi under joint registration with National Institute of Immunology, New Delhi. 110067

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**M. Sc:** Specialization Fisheries, Ist Div 74.80%, Year 1991, Agra University, Agra.

**M. Sc:** Specialization Entomology, Ist Div., 69.75%, Year 1988. Agra University, Agra.

**B. Sc:** Zoology, Botany & Chemistry. Ist Div. 60.44%, Year 1986 Agra University, Agra.

### **MERITS AND AWARDS:**

Awarded UGC-CSIR Junior Research Fellowship for research in Biological Sciences qualified through an entrance examination (NET) conducted jointly by University Grants Commission (UGC), New Delhi and Council for Scientific and Industrial Research (CSIR), New Delhi for junior Research fellowship and eligibility Lectureship in May 1991. Received two years JRF and three years SRF.

### **RESEARCH EXPERIENCE:** Thirty years

Engaged in active research in the field of Insect Biochemistry and Physiology from August 1991 to February 1997 in the Laboratory of Professor H.C. Agarwal, Dept. of Zoology University of Delhi. Worked for six months as research associate on xenobiotic studies of certain carcinogens in Human cell lines and animal models under able supervision of Professor R. N. K. Bamezai. Laboratory of Human Genetics, School of Life Sciences, Jawaharlal Nehru University New Delhi. Joined in National Research Center on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi as R.A. and has worked for seven months on Rice Genome Sequencing Project under the able supervision of Dr. N.K. Singh a well known Plant Biotechnologist.

### **Research Interest**

My main thrust area is cholesterol metabolism in insects, mainly role of cholesterol binding proteins in cholesterol transport and absorption. Termite control by using different plant based formulations, evaluation of antimicrobial action of plant natural products, purification of animal toxins, its toxicity determination and neutralization by using polyclonal antibodies in animal models. The goal is to develop poly-specific single antibody as a prophylactic agent for treatment of evenomated patients.

**Ph D students guided:** 12 Seven students have been awarded Ph. D under his supervision. Seven more students are doing their research work for obtaining Ph. D degree working

### **Research papers presented in seminars/conferences/symposia**

1. The 1<sup>st</sup> Georgia-tech International on conference on bio-informatics November 1997, Georgia, Atlanta, US
2. National Seminar on Biological Chemistry: Advancing frontiers from March 22-23, 2005
3. Second Indo-US Workshop on Green Chemistry, 7-8 January 2006, Department of Chemistry. Delhi University, Delhi.

4. International Symposium on Current Issues in Zoology & Environmental Science 11-13 Nov 2006 organized by Department of Zoology (Environmental Science) & Biotechnology D. D. U Gorakhpur University, Gorakhpur and Indian Academy of Environmental Sciences Hardwar, Uttarakhand.
5. Challenge for biosciences in 21<sup>st</sup> century (UGC sponsored), Organized by Department of Zoology, Shiva Pati Post Graduate college, Shohratgargh, Siddharthnagar U.P. India.19-20 February 2011.
6. 1st U.P. Science Congress; on the theme science for shaping the future of Uttar Pradesh' organized by D. D. U. Gorakhpur University, Gorakhpur 273009.U.P. India from March 2-4 2013.
7. U.G.C sponsored Seminar on India's National Security: issues, challenges and options organized by Department of defense and Strategic studies, D. D.U. Gorakhpur University, Gorakhpur 273009. .U.P India from 28-29 September 2013.
8. BioConference Live, on Cancer: Research, Discovery and Therapeutics organized by on 16-17 October, 2013.
9. Why accreditation? Benefits for institutions, Internal Quality Assessment Cell, D D U Gorakhpur University, Gorakhpur, 7th January 2013.
10. 36th All India Botanical Conference, organized by Department of Botany, D.D.U. Gorakhpur University, Gorakhpur 273009. .U.P India from 18-20 Oct. 2013.
11. International Conference, Harmony 2013, organized by National Association of Environmentalists and Department of Zoology, D.DU. Gorakhpur University, Gorakhpur 273009. U.P. India
12. XXXVI Annual Conference of the Indian Botanical; Society October 18-20, 2013. Effects of plant latex based anti-termite formulations on Indian white termite *Odontotermes obesus* (Isoptera:Odontotermitidae) in sub-tropical high infestation areas. Department of Botany, D D U Gorakhpur University, Indian Botanical Society.
13. National Conference on "Man and Biosphere 9-10 February 2016, Isolation and purification of wasp venom toxins and immunotherapy Department of Zoology, Marwar Business School, Gorakhpur, 273009. U.P.
14. National Conference on "Man and Biosphere" 9-10 February 2016, Isolation and purification of spider venom toxins and immunotherapy, Department of Zoology, Marwar Business School, Gorakhpur, 273009. U.P.
15. International Symposium ISLS-2015 on 19<sup>th</sup> December 2015. Frontiers of Natural Product Research and Human Health, Department of Zoology, D.DU. Gorakhpur University, Gorakhpur & Indian Society for Life Sciences, Rajasthan.

16. International conference on “Advances in Biological and Environmental Research for Human Welfare” & 6th Annual Session of Society of Life Sciences. (ICABERHW-2018) 16-18 november, 2018 *Polistes flavus*; The Yellow Wasp Venom Toxin Induced Hematological Alteration in Albino Mice. Krishna Kumar Prajapati and Ravi Kant Upadhayay

17. Use of enzyme-linked immunosorbent assay (ELISA) in diagnostics WORKSHOP ON TOOLS AND TECHNIQUES IN LIFE SCIENCES, March 25-26, 2019, Organized by Department of Zoology, D D U Gorakhpur University, Gorakhpur.

18. Animal toxins as anti-cancer agents organized by Department of Zoology, National Conference in Life Science and Current Environmental issues NCLEI-19, March 1 & 2nd, 2019. Marwar Business School, Gorakhpur, 273009. U.P.

Paper presented “Yellow wasp venom toxin causes hematological alteration in albino mice.” Krishna Kumar Prajapati and Ravi Kant Upadhayay

Paper presented “Effects of the purified venom of *Polistes flavus* on the blood bio-molecules of albino mice” Krishna Kumar Prajapati and Ravi Kant Upadhyay\*

#### **Lectures delivered:**

1. Cells and organs of immune system, Delivered on 19-09-14, Refresher Course on Life Science in Relation to human health. Department of Botany & Academic staff College, D D U Gorakhpur University, Gorakhpur.
2. Immunity, diseases and human health, Delivered on 19-09-14, Refresher Course on Life Science in Relation to human health. Department of Botany & Academic staff College, D D U Gorakhpur University, Gorakhpur
3. Blend of phenomenology and scientific approaches in Yoga and Meditation” delivered on 09-06-15, 100<sup>th</sup> orientation course” organized by Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
4. Science and Metaphysics its role in exploration of reality” delivered on 09-06-15 at 100<sup>th</sup> orientation course” organized by Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
5. Biological information system, its natural integration and coordination” delivered on 02-07-15 Refresher Course on “Information Technology” organized by Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
6. Communication patterns and information response system” delivered on 04-07-15, Refresher Course on “Information Technology” organized by Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
7. Immune responses, its role in body defense” delivered on 06-07-15, Refresher Course on “Information Technology” organized by Academic Staff College(Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
8. Japanese Encephalitis Virus generated neurovirulence, antigenicity and host immune responses, delivered on 09-02-16 at National Conference “Man and Biosphere” organized by Department of Zoology, Marwar Business School, Gorakhpur, 273009. U.P.

9. Epidemiology and control of Japanese encephalitis”, delivered on 101th Orientation course” organized by Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
10. Vaccine for Japanese encephalitis control” delivered on 101th Orientation course” organized by Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
11. Japanese encephalitis generated pathogenesis, delivered on 102th Orientation course” organized by at Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
12. Bioterrorism and development of counter strategies” delivered on 102th Orientation course” organized by Academic Staff College (Human Resource Development Centre) D D U Gorakhpur University, Gorakhpur, 273009. U.P.
13. How to increase skillfulness of employees in modern technological age, Delivered on 30-02-2016 Seminar on “Skillfulness of employees in modern technological age” Human Resource Development Centre) D. D. U. Gorakhpur University.
14. “Natural immune defense to various pathogenic diseases” Delivered on 19<sup>th</sup> of June 2016, 103, in Orientation course
15. Bioinformatics; its uses and applications” Delivered on 3<sup>rd</sup> of July 2016, Refresher Course on Information and communication Technology. Human Resource Development Centre) D. D. U. Gorakhpur University.
16. Research Methodology” Delivered on 12th of July 2016, in 2nd Refresher Course on Information and communication Technology. Human Resource Development Centre) D. D. U. Gorakhpur University.
17. Communication skills and its applications” Delivered on 17<sup>th</sup> of November 2016, Short term refresher course on Communication skills organized by Human Resource Development Centre D. D. U. Gorakhpur University.
18. Immune defense Delivered on 17<sup>th</sup> of January 2017 in 103 orientation course organized by Human Resource development centre D. D. U. Gorakhpur University.
19. Antibodies and their therapeutic applications, on 17<sup>th</sup> of January 2017 in 103 orientation course organized by Human Resource development centre D. D. U. Gorakhpur University.
20. International conference on structure and dynamics of bio-molecules, 27-28 January 2017, Organized by Department of Physics , Spider venom toxin, purification, characterization of its biological effects on albino mice; Wasp toxin peptides: biological effects and production of polyclonal antibodies.

21. Sustainable development: Concept and goals, on 17<sup>th</sup> of February in 1<sup>st</sup> refresher course on Environmental Science, organized by Human Resource development centre D. D. U. Gorakhpur University.
22. Vaccines: , delivered on 26-03-17 at National Conference “Current problems and Challenges of environmental in 21<sup>st</sup> Century” organized by Department of Zoology, Marwar Business School, Gorakhpur, 273009. U.P.
23. Scientific approaches in yoga and meditation, on 31<sup>st</sup> of May 2017 refresher course on Communication, organized by Human Resource development centre D. D. U. Gorakhpur University
24. Scientific approaches in yoga and meditation, on 31<sup>st</sup> of May 2017 refresher course on Communication, organized by Human Resource development centre D. D. U. Gorakhpur University.
25. Advances in Biological and Environmental Research for human welfare (ICABERHW) & 6th Annual Session of Society of Life Sciences. 16-18 Nov. 2018.
26. “Evolution of species and populations” lectured delivered at M.P. P. G. College Jungal Dhusan, Gorakhpur, February 21, 2020
27. Use of enzyme-linked immunosorbent assay (ELISA) in diagnostics WORKSHOP ON TOOLS AND TECHNIQUES IN LIFE SCIENCES, March 25-26, 2019, Organized by Department of Zoology, D D U Gorakhpur University, Gorakhpur.
28. “Biological Communication, its role in improvement of learning behavior” on 19<sup>th</sup> of November 2019 in 106 orientation course organized by Human Resource development centre D. D. U. Gorakhpur University.
29. “Animal toxins as anti-cancer agents” organized by Department of Zoology, National Conference on Life Science and Environmental Issues NCLEI-19, March 1 & 2nd, 2019. Marwar Business School, Gorakhpur, 273009. U.P.
30. Thermal-Aroma-Organic-Carbon-Fusion Therapy: An Open Air Conventional Method for Clearance of Nasal Air Passage, Trachea, Lungs and Immunity Boosting Against Influenza Virus “Leveraging Science and Technology to Combat COVID-19” Webinar organized by Faculty of Science D D U Gorakhpur University, Gorakhpur May 23-24 2020,
31. Thermal-Aroma-Organic-Carbon-Fusion Therapy: An Open Air Conventional Method for Clearance of Nasal Air Passage, Trachea, Lungs and Immunity Boosting Against Influenza Virus Webinar organized by Govt. V.Y.T. PG. Autonomous College, Durg “RECENT PROBLEM AND PROSPECTS OF COVID-19” on May 31 (Sunday), 2020.

32. SUSTAINABLE DEVELOPMENT GOALS: a great need of time National Conference on Climate change, its impact on ecological sustainability, 17-18 April, 2023 Marwar Business School, Gorakhpur, 273009. U.P.
33. Invited lecture delivered “**Tick saliva toxins, its biological effects, pathogen transmission and host immune responses** “ at National Conference on Scientific Advancement for Sustainable Environment, Herbal Medicines and Impact on Health: An Earth day Celebration (SASE), 22-23 April, 2023, Department of Dravyaguna Faculty of Ayurveda Institute of Medical Sciences, BHU, Varanasi.
34. Lecture delivered “**Groundwater recharging to resolve ongoing water crisis in the country**” Underground water week 16 – 22 July 2023 celebrated organized by Department of Zoology, , DDU Gorakhpur University, Gorakhpur, U.P in the department to aware the people.
35. Invited lecture delivered “**Body defense: Immune response and disease resistance to various pathogens**” in 7<sup>th</sup> refresher course organized by Department of Zoology, , DDU Gorakhpur University, Gorakhpur, U.P. has organized an online refresher course under direction of UGC-HRDC on the theme “Recent trends in Animal Sciences” from 3/01/2024 to 16/01/2024.

#### **Educational Programs organized:**

Organized a two days capacity building ICT workshop on March 21st and 22<sup>nd</sup> 2015 to launch Integrating Spoken Tutorial Project (ISTP) at the University Centre in collaboration with IIT Bombay,

Organized a U.G.C sponsored refresher course on “Uses and applications of IT” from 25<sup>th</sup> of June 2015 to 15<sup>th</sup> of July 2015. in Human Resource Development Centre, D.D.U. Gorakhpur University, Gorakhpur, 273009. U.P. India.

National Science day was celebrated on Wednesday 28 February 2024, on the these “Role of indigenous technologies for Viksit Bharat” Time: 1.00 P.M. to 3.00 P.M Venue in Seminar Hall, Department of Zoology Research Building, D.D.U. Gorakhpur University, Gorakhpur, 273009. U.P. India.

प्राणि विज्ञान विभाग में दिनांक 14 फरवरी, माघ शुक्ल पक्ष बसन्त पंचमी को माँ सरस्वती के पूजन समारोह का आयोजन किया गया तथा इस अवसर पर विभाग द्वारा वार्षिक पत्रिका “वसुन्धरा” का विमोचन माननीय कुलपति महोदय द्वारा किया गया।

#### **Contribution to Corporate life and Management of the Institution:**

1. Member of board of studies
2. Member of departmental store committee
3. Member of Waste Management Committee
4. Member of U.G.C committee
5. Member of copy dispose off committee
6. Member of NAAC Steering committee
7. Member RUSA project
8. Nodal Officer ICT program

9. Nodal Officer NIRF Program
10. Served as Assistant Proctor and ADSW
11. Member, Deen Dayal Upadhyaya Centenary year celebrations'

**Reviewer of Journals: More than 35 international journals**

Proceedings of the National Academy of Sciences, Biological Sciences, Annual Research Review in Biology, Journal of Vector Borne Diseases, Annual Research & Review in Biology, Journal of Medicinal plant Research, African Journal of Biotechnology, British Journal of Pharmaceutical research [British Journal of Pharmaceutical Research](#), Biotechnology Journal International, Microbiology Research Journal International (Science Domain International) and several other important journals of Life Sciences, Journal of Intensive Care Medicine

**Editor in Chief: Global Journal of Life Sciences and Biological Research ISSN: 2456-3102**

**Longdom Resarch Publications**

**Member Editorial Board of Journals:**

1. Asian Journal of Research in Biological and Pharmaceutical Sciences, ISSN 2349-4492.
2. Journal of Medical and Biological Science Research (JMBSR), ISSN 2349-4492.
3. Journal of Diseases and Medicinal Plants, ISSN Online: 2469-8210, ISSN Print: 2469-8202.
4. Advances in Zoology and Botany, Horizon Research Publishing group ISSN: 2331-5083 (Print), ISSN: 2331-5091 (Online)
5. Journal Of Stem Cells And Genetics Open Access.
6. Asian Journal of Plant and Soil Sciences
7. Biomedical Journal of Scientific & Technical Research (BJSTR)
8. SciFed Journal of Herbal Medicine
9. SciFed Journal of Mycology
10. Open Journal of Biomarkers Bentham
11. Journal of Research in Medical and Dental Sciences eISSN 2347-2367: PI No. 2347-2545
12. Current Chemical Genomics and Translational Medicine ISSN:2213-9985
13. Pharmaceutical Crops Bentham Open
14. Open Pharmaceutical Science Journal ISSN 1874-8449.
15. Journal of Tissue Science and Engineering ISSN:2157-7552
16. Global Journal of Intellectual & Developmental Disabilities
17. Journal of Biology and Medical Research\*\*
18. Current Chemical Genomics & Translational Medicine
19. "The Open Obesity Journal, Bentham Open
20. Journal of Tissue Science & Engineering
21. The Open Pediatric Medicine Journal, Bentham Open
22. Journal of Cardiology & Diagnostics Research "
23. The Open Diabetes Journal, Bentham Open
24. Medical Journal of Clinical Trials & Case Studies (MJCCS) (invitation)
25. Journal of Drug Development
26. Open Access journal of oncology (OAJOY)



27. International Journal of Nanoparticles & Nanotechnology
28. Advanced research in agriculture and organic farming
29. International Journal of Nanoparticles & Nanotechnology
30. CPQ medicine
31. International Journals on Engineering, Management, Mathematics
32. Current Dentistry (CDENT)
33. The Open Biomarkers Journal
34. Interventions in Gynecology and Women's Healthcare Journal
35. International Journal of Transplantation & Plastic Surgery
36. Journal of Molecular Sciences
37. The Open Diabetes Journal
38. INTERNATIONAL JOURNAL OF CURRENT INNOVATION RESEARCH
39. The Open Pediatric Medicine Journal.
40. The Open Obesity Journal"
41. Current Trends in Biomedical Engineering & Biosciences
42. American Journal of Research Communication
43. Global Medicine and Therapeutics
44. Current Dentistry"
45. Online Journal of Gynecology, Obstetrics and Maternity Care
46. Journal of Regenerative Medicine & Biology Research
47. Open Access Journal of Mycology & Mycological Sciences (OAJMMS)!
48. Journal of Biology and Medical Research
49. Stem cell Research and Therapeutics International.
50. Journal of Embryology & Stem Cell Research (JES)
51. Gynecology and Reproductive Biology.
52. Journal of Pharmaceutical Research and Development
  
53. Clinical Research Notes
  
54. Acta Scientific Clinical Case Reports [www.actascientific.com/ASCR.php](http://www.actascientific.com/ASCR.php)
  
55. Journal of Biotechnology and Bioprocessing! [bioprocessing@auctoresonlinepublishing.org](mailto:bioprocessing@auctoresonlinepublishing.org)
  
- 56** Cancer Research and Cellular Therapeutics
- 57**.Pharmacy and Drug Innovations
58. International Journal of Clinical Case Reports and Reviews!
  
- 58**.Clinical Medical Reviews and Reports!
- 59**.Journal of Genetics, Cellular and Molecular Biology!
- 60**.International Journal on Infectious Disease and Epidemiology (IJIDE)
- 61**.International Journal of Medical Science and Health Research
- 62**.New International Journal of Medicine and Science (NIJMS)
- 63**.Journal of Regenerative Medicine & Biology Research
- 64**.Open Access Journal of Mycology & Mycological Sciences (OAJMMS)!
- 65**.Journal of Regenerative Medicine & Biology Research
- 66**.EC Clinical & Medical Case Reports
- 67**.Journal of Clinical Research and Reports

- 68.**International Journal of Innovative Research in Medical Science
- 69.**Pharmacy and Drug Innovations is
- 70.**Cancer Research and Cellular Therapeutics!
- 71.**Oncology and Cancer Screening
- 72.**AS Clinical Case Reports
- 73.**Acta Scientific Clinical Case Reports [www.actascientific.com/ASCR.php](http://www.actascientific.com/ASCR.php)
- 74.**Journal of Biotechnology and Bioprocessing! [bioprocessing@auctoresonlinepublishing.org](mailto:bioprocessing@auctoresonlinepublishing.org)
- 75.**Cancer Research and Cellular Therapeutics
- 76.**Pharmacy and Drug Innovations
- 77.**International Journal of Clinical Case Reports and Reviews!
- 78.**Clinical Medical Reviews and Reports!
- 79.**Journal of Genetics, Cellular and Molecular Biology!
- 80.**International Journal on Infectious Disease and Epidemiology (IJIDE)
- 81.**International Journal of Medical Science and Health Research
- 82.**New International Journal of Medicine and Science (NIJMS)
- 83.**Open Access Journal of Mycology & Mycological Sciences (OAJMMS)!
- 84.**Journal of Regenerative Medicine & Biology Research
- 85.**EC Clinical & Medical Case Reports
- 86.**Journal of Clinical Research and Reports
- 87.**International Journal of Innovative Research in Medical Science
- 88.**Pharmacy and Drug Innovations
- 89.** Oncology and Cancer Screening
- 90.**International Journal Of Bio-Med Research
- 91.**Biotechnology and Bio-processing
- 92.**World Journal of Pharmaceutical Sciences (Print ISSN: 2321-3310; Online ISSN: 2321-30893.
- 93.**Journal of Regenerative Medicine & Biology Research
- 94.** AS Medical Sciences
- 95.** Journal of Clinical Research and Reports E-ISSN: 2690-1919
- 96.**Obstetrics Gynecology and Reproductive Science
- 97.** AS microbiology
- 98.** International Journal of Biomed Research
- 99.** SM Journal of Endocrinology and metabolism
- 100.** International Journal of Pharmacy and Pharmaceutical Research
- 101.** Journal Of Cancer Therapy And Research

**Life member:**

1. Life member, International Association of Applied Biology.

2. Life member, Aphidological Society of India.

3. Life member, Association of Indian Science, Congress

### **Bibliometrics of the publications based on Scopus/ Web of Science – h-index of the Institution**

<b>S. No.</b>	<b>Title of the paper * enclosed in last</b>	<b>Name of the author</b>	<b>Title of the journal</b>	<b>Year of publication</b>	<b>h-index</b> Google scholar	<b>i-10 index</b> Google scholar
1	All 214 papers RG score 167.75	R. K. Upadhyay	More than 57 journals	Till February 2024	257  Scopus 25	60

**Total citations: Research gate: 2502; Scopus: 1479; Google scholar: 2890, Web of Science: 973**

**World rank by Stanford university: 166695 (2019)- 171685 (2022)**

**List of publications (Recent to past): 214 research publications and 15 articles**

- 1- Upadhyay, R. K. . (2024). Plant origin contraceptives: phytochemistry, mechanism of action and side effects. *International Journal of Green Pharmacy* 17(4):
- 2- Upadhyay, R. K. (2024). Nutritional, therapeutic, and pharmaceutical potential of Hibiscus species, *International Journal of Green Pharmacy* 17(4):294.
- 3- Upadhyay R.K and Nidhi Yadav (2024). Effects of Purified Tick Saliva Toxins on Various Bio-Molecules in Blood Serum, Liver and Muscles of Albino Mice, December 2023, *American Journal of Animal and Veterinary Sciences* 19(1):43-57, DOI: 10.3844/ajavsp.2024.43.57
- 4- Upadhyay, R. K. Archana Rao, and Sunil Kumar Srivastav, (2023). Toxic and biological effects of glyphosate in animals, *World Journal of Pharmacy and pharmaceutical Research*, Volume 13, Issue 2, 1216-1236.
- 5- Upadhyay, R. K. Archana Rao, and Sunil Kumar Srivastav, (2023). Toxic and biological effects of glyphosate in animals, *World Journal of Pharmaceutical Research* 12(19):396-412.
- 6- Upadhyay, R. K. (2023), Mucosal membranes; their interactions to microbial infections and immune susceptibility in human host, *European Journal of Biological Research*, 13(1), 41–70.
- 7- Upadhyay, R. K. and S. Sharma (2024). Production of polyclonal antibodies against Indian Paper Wasp *Ropalidia marginata* Venom Toxins and their efficacy in the reversal of toxic effects, *International Journal of Pharmacy and Pharmaceutical Science*, Vol 16, Issue 2, 2024.
- 8- Upadhyay, R. K, Akansha Srivastava, Sunil Srivastav (2023). Ameliorative Effects of Amla Fruit Pulp Extract and Selenium on Dimethoate Induced Alteration in Serum Calcium and Phosphate Level of Rats, *International Journal of Zoological Investigations* 9(2):1198-1206, 10.33745/ijzi.2023.v09i02.133

- 9- Upadhyay, R. K, Archana Rao, Sunil Srivastav (2023). Ameliorative Effects of Jamun Seed and Orange Peel Extracts on Serum Calcium and Phosphate Levels of Cadmium Challenged Male Wistar Rats, *International Journal of Zoological Investigations* 9(2):1417-1425
- 10- Upadhyay, R. K, Akansha Srivastava, Sunil Srivastav (2023). Cadmium induced pathological and cadmium induced pathological and eco-toxicological effects in animals, *World Journal of Pharmaceutical Research* 12(17):313, DOI: 10.20959/wjpr202317-29718.
- 11- Upadhyay, R. K (2023). High Cholesterol Disorders, Myocardial Infarction and Its Therapeutics, *World Journal of Cardiovascular Diseases* 13(08):433-469. 10.4236/wjcd.2023.138040
- 12- Upadhyay, R. K (2023). Giloy (Amrita) *Tinospora cordifolia*: Its phytochemical, therapeutic, and disease prevention potential, *International Journal of Green Pharmacy* 17(2):137
- 13- Upadhyay, R. K (2023). Pediatric Ulcer, Diagnosis and Management of Patients at High Risk Groups, Review Article *International Journal of Nursing Care and Research*, 2023 *International Journal of Nursing Studies* 1(1):1-7
- 14- Upadhyay, R. K (2023). Health Hazards of Various Micro-Pollutants, Stubble Smoke, Furnace Fumes and Dust Particles in Urban Areas, *Global Research in Environment and Sustainability* March 2023, Vol. 1, No. 1, pp. 57-81
- 15- Upadhyay, R. K (2023). Metal Bound Nanoparticles Drug Delivery Methods for Cancer and Tumor Therapeutics: A Review, [The Journal of Clinical Endocrinology and Metabolism](#) 2(3):1-10.
- 16- Nidhi Yadav and Ravi Kant Upadhyay (2023). Production of polyclonal antibodies against Indian cattle tick *Rhipicephalus microplus* saliva toxins and its efficacy in reversal of toxic effects in albino mice. *International Journal of Pharmacy and Pharmaceutical Sciences*, Vol 15, Issue 11, 2023
- 17- Nidhi Yadav And Upadhyay R.K 2023 Effects of Purified Indian Cattle Tick *Rhipicephalus microplus* Saliva Toxins on Various Enzymes in Blood Serum, Liver and Muscles of Albino Mice, [Advances in Enzyme Research;Vol.11 No.2, June 2023](#)
- 18- Nidhi Yadav And Upadhyay R.K (2023). Effects of purified ticks saliva toxins on glycogen level in liver, atria, ventricle, gastrocnemius and rectus abdominis muscles of albino mice, *World Journal of Pharmacy and Pharmaceuticals sciences*, 2023;12(5):1485-1498.
- 19- Tripathi, A. and Upadhyay, R. (2023). Toxic Effects of *Ficus benghalensis* Latex Based Combinatorial Formulations on Various Enzymatic Parameters in Indian White Termite *Odontotermes obesus*, [Advances in Enzyme Research;Vol.11 No.2, June 2023](#).
- 20- Pandey, L. and Upadhyay, R.K. (2023). Toxic effects of *Citrus maxima* based combinatorial formulations on important metabolic enzymes in Indian white termite *Odontotermes obesus*, [Advances in Enzyme Research;Vol.11 No.2, June 2023](#).

- 21- Pandey, L. and Upadhyay, R.K. (2023). Toxicity of *Tagetes erecta* essential oil based combinatorial formulations on various metabolic enzymes in Indian white termite *Odontotermes obesus*, [Advances in Enzyme Research](#); Vol.11 No.2, June 2023.
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