

Dr. PRASHANT KUMAR

Assistant Professor

Department of Zoology,

K.S. Saket P.G. College, Ayodhya, 224123

Mobile No. - 9453798501 , 7318398449

Email- itiprashant.au1312@gmail.com

Date of Birth : 22nd Jan, 1987
Gender : Male
Marital status : Married
Nationality : Indian
Social Status : Other Backward Class (Kumhar)
Father's Name : Late. Prem Narayan Prajapati
Mother's Name : Late. Amravati Devi
Linguistic abilities : English, Hindi
Current position : Assistant Professor, Department of Zoology,
K.S. Saket P.G. College, Ayodhya
Course Coordinator- Clinical Microbiology

- Academic qualification:

Standard	Board/University	Year of Passing	Subject	Percentage
D.Phil	University of Allahabad	2013	Zoology Topic- Organization of the Neurons of the Hippocampal Complex in a food storing Indian bird <i>Corvus splendens</i>	Awarded
M.Sc.	University of Allahabad	2007	Zoology, Specialization in Cell Biology	64.00%
B.Sc.	University of Allahabad	2005	Zoology, Chemistry, Botany,	56.17%
Intermediate	U.P. Board	2002	Gen. Hindi, English, Biology, Physics, Chemistry	60.04%
High School	U.P. Board	2000	Hindi, English, Mathematics, Social Science, Science,	52.00%

			Sanskrit	
--	--	--	----------	--

OTHER QUALIFICATIONS:

- CSIR-UGC (NET)- 2007 (Life Sciences)
- Certificate course in computer application (2006) - University of Allahabad

Seminar/Symposiums

- Attended National Symposium on “Molecular Approaches in Cytogenetics” from October 20-22, 2005 organized by Department of Zoology, University of Allahabad.
- Attended national symposium on “Health and sanitation: rural perspective” organized by the Institute of Applied Sciences, Allahabad from Feb. 6-7, 2010.
- Participated in 80th annual session of the national academy of sciences, India and national symposium on climate change – research, awareness and capacity building” from Dec.2-4, 2010 organized Jaipur National University, Jaipur. Presented poster on “cytoarchitecture of hippocampal complex of the telencephalon of the food storing Indian bird *Corvus splendens*”.
- Attended 99th session of Indian Science Congress at SRM University, Chennai, from 3-7th January, 2011 and presented paper on “Organization of the neurons of corticoid complex of food storing Indian bird *Corvus splendens*”.
- Participated in 84th annual session of the national academy of sciences, India and national symposium on Desert science-opportunities and challenges” from Dec.4-6, 2014 organized by JNV University, Jodhpur and presented poster on “Spine morphology in hippocampal complex of *Corvus splendens*”.
- Participated in ‘International Conference On Recent Trends in Science, Technology, Agriculture and Management” held at FDDI, Amethi during 20th-21st Oct. ,2019 organised by GESA,New Delhi, SFSN, Lucknow and ABRF, Prayagraj and presented paper “Golgi study of the multipolar neurons of the intermediate corticoid(CI) area of food storing Indian bird *Corvus splendens* (Veillot,1816)”.
- Participated and presented a research paper in international web conference on COVID-19 second wave: challenges for sustainable development (CCSD 2021) during 13th-15th September,2021 jointly organized by ABRF, Prayagraj; Samrat Prithviraj Chauhan government college,Ajmer; Govt.KRG PG college, Gwalior; Govt. degree college Doda; Digamberrao Bindu ACS college , Nanded; Darsh college of education ,Sonepat and GESA ,new Delhi.

- Participated in E-conference on “ **Prevention of communicable diseases**” held on 18th October, 2022 , jointly organized by IQAC and department of Zoology, Bipin Bihari college, Jhansi (U.P.).
- Participated in webinar on “**Biodiversity and its conservation**” held on 21st August, 2023 organized by Government autonomous P.G. College, Satna (M.P.) in collaboration with the NASI-Bhopal chapter.
- Participated in 2nd international web conference “**Anthropogenic Activities, Climate change and Environmental Sustainability**” jointly organized by Dr. Rafiq Zakaria College for women, Aurangabad , Society for advancement of biological sciences, Bengalore, Glocal Environment and Social Association New Delhi and Nepal aquaculture Society , Kathmandu, Nepal on 2nd September, 2024.
- Participated in international conference on “**Emerging trends and innovations in life sciences (ETILS)**” organized by Seethalakshmi Ramaswami College, Tiruchirappalli, Tamilnadu from 05th to 06th February, 2025

Workshops/ Courses /Training

- Attended “**6th All India Summer Research Training Programme on Molecular Techniques**” from 19th May- 02nd June, 2008 organized by Sengunthar Arts and Science College, Tiruchengode, Tamilnadu, India sponsored by Tamilnadu state council for Science and Technology.
- Attended “**Seminar –cum-workshop on Emerging trends in Molecular Biology**” from March 23-24, 2009 organized by Department of Zoology, University of Allahabad.
- Attended neurobiology workshop “**Application of Bioinformatics and Proteomic Techniques in Neurobiology**” from Sep. 07-21, 2009 organized by department of zoology, Banaras Hindu University, Varanasi.
- Attended “**144th All India Warehousing Training Course**” New Delhi, from 12-23th, December, 2011, organized by Central Warehousing Corporation, New Delhi.
- Completed short term training course on “ **Storage pest management and Fumigation**” from 4-18th December, 2012 held at Indian grain Storage Management and Research Institute, Hapur.
- Completed online crash course “**Introduction to birds**” conducted by Bombay Natural History Society (BNHS), Mumbai from 7th June- 19th July, 2020.
- Attended national training workshop on “**Research Article Writing and Plagiarism**” organized by Government girls P.G. College, Ujjain, Madhya Pradesh on 18th September, 2021.
- Completed in seven days international faculty development online certificate course on “**Microscopy: an overview (phase I)**” organized by department of Microbiology, Sacred heart college (autonomous), Tirupattur, Tamilnadu in association with Microbiologist society, India; Biotechnology society of Nepal and Western Rio Janerio state University, Brazil from 3rd to 9th February, 2023.
- Completed one month national level, work shop on “**SPSS- statistical package for social sciences**” from 06th February, 2023 to 06th March, 2023, organized by ESSGEE DIGISKILLS.

- Completed “**Online laboratory practices (molecular biology techniques)**” organized by institute of transgene life sciences, Lucknow from 01st to 30th October, 2024.
- Completed seven days “**National workshop on statistical data analysis using SPSS**” organized by Uttar Pradesh university of medical sciences, Saifai, Etawah , U.P.,India and Science tech institute, Lucknow from Jan. 21-27, 2025.
- Completed three days “**Workshop on sample size determination for survival analysis, RCTs and repeated measure ANOVA**” organized by science tech institute, Lucknow from March, 29 to 31, 2025.
- Completed three days workshop on “**Molecular strategies for heterologous gene expression and protein purification**” sponsored by ANRF, organized by division of plant biotechnology, ICAR-India Institute of Pulse Research, Kanpur from 17-19 March, 2025.
- Completed ten days national level workshop on “**Bibliometric Analysis using VOS viewer**” organized by ESSGEE GIGISKILLS, from 21st to 30th October, 2025.
- Completed 3 days national level workshop on ‘**Questionnaire and Interview Schedule Designing and Validation**’ held in online mode from 17th to 19th December, 2025 organized by DIGI Skill Development Centre and Training Institute, Mumbai.
- Participated in AI Masterclass conducted on 4th January, 2026 organized by Druv Rathee Academy.
- Completed 5 days Hands-on Training Course on ‘**Basic Bioinformatics Tools and Applications**’ organized at ICAR-National Bureau of Fish Genetic Resources, Lucknow from 05th -09th January, 2026.
- Completed 3 days training programme on ‘Freshwater Fish Taxonomy’ organized by ICAR- Central Inland Fisheries Research Institute, Prayagraj from 09th to 11th February, 2026.

Refresher course/ Faculty induction programs/FDP

- Completed refresher course on “Vistas in Zoological teaching” from 30th January-13th February, 2008 sponsored by IASc, INSA, NASI in collaboration with University of Allahabad.
- Completed “**Faculty Induction Program (FIP)**” from 2nd March to 3rd April, 2022 organized by human recourse development center, University of Hyderabad.
- Completed “**Refresher Course in Life Sciences (core)**” organized by human resource development centre, Devi Ahilya Vishwavidyalaya , Indore from 14th to 27th March, 2023.
- Completed “**Refresher Course in Life Sciences and Biotechnology**” organized by MMTTC, Jawaharlal Nehru University, New Delhi from 19th November to 02nd December, 2025
- Completed five days faculty development programme on “**AI Frontiers: Innovation and Emerging Paradigms**” organized by the PG and Research Department of Biotechnology in association with Internal Quality Assurance Cell, Women’s Christian College, Chennai held from 22nd to 26th September, 2025.
- Completed in the four weeks international online faculty development programme on “**Microbiology Laboratory Techniques (Phase III)**” organized by department of Microbiology, Sacred heart college (autonomous), Tirupattur, Tamilnadu in association with “Biotechnology society of Nepal” and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janerio state University, Brazil from 7th May, 2025 to 6th June, 2025.
- Completed seven days international online faculty development programme on ‘**Chromatography-Principles, Techniques and Analytical Applications**’ organized by department of Microbiology, Sacred heart college (autonomous), Tirupattur, Tamilnadu

in association with “Biotechnology society of Nepal” and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janerio state University, Brazil from 12th December, 2025 to 18th December, 2025.

•

Research / Review Articles :

1. **Durgesh Singh, Prashant Kumar, U. C. Srivastava (2013)** “Neuronal specialization in hippocampal complex of food storing Indian bird *Corvus splendens*.” Natl. Acad. Sci. Lett. (May–June 2014) 37(3):233–235. DOI 10.1007/s40009-014-0226-7.
2. **U.C. Srivastava, Durgesh Singh, and Prashant Kumar (2013)** “Neuronal classes and their specialization in the corticoid complex of a food-storing bird, the Indian House Crow (*Corvus splendens*)”. Can. J. Zool. 92: 423–432 (2014) DOI dx.doi.org/10.1139/cjz-2013-0116.
3. **U.C. Srivastava, Durgesh Singh, and Prashant Kumar, and Sippy Singh (2016)** “Neuronal diversity and their spine density in the hippocampal complex of the House Crow (*Corvus splendens*), a food storing bird”. Can. J. Zool. 94: 541–553 (2014) DOI dx.doi.org/10.1139/cjz-2015-0260.
4. **Prashant Kumar (2020)** “Reproductive Behavior and Parental Care in Little Brown Dove, *Streptopelia senegalensis* During COVID-1 Lockdown Period in Prayagraj (Allahabad) UP, India”. World Journal of Zoology 15 (3): 14-23, 2020. DOI: 10.5829/idosi.wjz.2020.14.23.
5. **Prashant kumar and Anil kumar Ojha (2021)** - “Feeding resource utilization strategies of House Crow (*Corvus splendens*) in urban habitat of Prayagraj (U.P.), India”. Uttar Pradesh journal of Zoology. 42(23): 55-61, 2021.
6. **Prashant kumar and Anil kumar Ojha (2023)** – “Some aspects of feeding ecology and behavior of House crow (*Corvus splendens*) in an urban habitat of city Prayagraj (U.P.), India. Journal of applied biology and biotechnology. 11(1):45-50. doi.10.7324/JABB.2023.110105
7. **Prashant kumar and Anil kumar Ojha (2024)** - “Current population scenario of black kite (*Milvus migrans*) in a part of the city Prayagraj (Uttar Pradesh), India”. J.Exp.Zool. India 27 (1): 421-427. DOI: <https://doi.org/10.51470/jez.2024.27.1.421>
8. **Prashant kumar and Anil kumar Ojha (2024)** - “Population trend of house crow (*Corvus splendens*) in a part of the city Prayagraj (Uttar Pradesh), India”. J.Exp.Zool. India 27 (1): 449-455. DOI: <https://doi.org/10.51470/jez.2024.27.1.449>
9. **Prashant Kumar, Arvind Kumar Sharma, Kavita Pal and Awadhesh Kumar Shukla (2025)**- ‘ Effect of environmental factors on the communal roosting behavior of House crow (*Corvus splendens*)’. Journal of Environmental Biology, 46, 792-801. <https://doi.org/10.22438/jeb/46/6/MRN-5706>
- 10.

Research articles published in conference proceedings:

1. **Prashant kumar and Ramendra kumar Dwivedi (2021)** - “Impact of COVID-19 pandemic on mental health and sociality”. International web conference on COVID-19 second wave: challenges for sustain able development (CCSD2021). ISBN:978-93-559305-5-2.90-95.
2. **Prashant Kumar and U.C. Srivastava (2019)** “Golgi study of the multipolar neurons of the intermediate corticoid area (CI) of food storing Indian bird *Corvus splendens* (Veillot, 1816)”. In the proceeding of Internatinal conference on science, technology, agriculture and management at FDDI, Amethi (2019). RSTAM: Vol. – 1, Chapter-34: 238-247. ISBN: 978-81-935728-4-9
3. **U.C. Srivastava and Prashant Kumar (2011)** “Neuronal classes in the corticoid complex of the food storing Indian bird *Corvus splendens*.” In the proceeding of 98th Indian Science Congress. Section II: Animal, veterinary and fishery sciences page no. 69.

Book chapter published

1. “*A brief account of the biology and ecological importance of the Indian house crow (Corvus splendens)*” in book entitled “Environmental challenges and biodiversity (impact, peril and conservation)”. 147-165. ISBN No. 978-8194906179. (2021)
2. “*Role of birds in agriculture and environment: Some aspects*” in book entitled “Emerging Trends in Environmental Science”. First edition (2020): 50-71. ISBN No.987-81-942503-7-1. (2020)
3. “*Some recent approaches in bird’s identification and classification*” in book titled Animal Diversity: Taxonomical and Physiological Aspects pp. 251-257, 2023, ISBN-978-81-964368-9-6. Editors: P. R Yadav, R. A. Balikai and D. Sagar. Publisher: M/S Academic Publishers & Distributors, Lucknow. (2023)
4. “*Uses of invertebrate stem/culture cells in ecotoxicological and developmental biology research*” in edited book titled Environmental stress and its impact on society (first volume) pp 338-348. ISBN No. 978-1-68576-585-9. Editors: Prof. Satyendra Kumar Verma, Dr. Prem chand, Dr. Ajay Kumar, Dr. Asha Rani and Dr. Gyaneshwar Sharma. Publisher: Selfypage Developers Pvt Ltd., Chikkamangaluru, Karnataka. (2025)

Edited book published

Published book titled “Wildlife and conservation strategies in current environmental scenario” edited by Sharma AK, Kumar P and Sonker R (2023). ISBN- 978-93-5470-692-9. Swaranjali Publication, Ghaziabad.

Text Book

Published book titled “**Fundamentals of Human Anatomy and Physiology**” by Dr. Prashant Kumar, Dr. Aashikumar M. Nagwanshi, Mr. Sandipkumar M. Gahane, , Miss. Dimple Sukhdev Shinde, Dr. Virendra K. Sangode (2026). ISBN- 978-93-47944-16-1. Shine book publishing , Ghaziabad.

Editorial article

Biofloc Technology: Hope for Profitable and Sustainable Aquaculture (2023). Acta Scientific Veterinary Sciences 5(9): 01-02 ISSN: 2582-3183.

Invited lectures

- Delivered an invited lectures in “**One day seminar on national science day 2025**” organized by MatLite club , Department of mathematics, K.S. Saket P.G. college, Ayodhya, Uttar Pradesh, India on 28th February, 2025.
- Delivered an invited talk on “**How anthropogenic light and sound are affecting communal roosting behavior of the House crow (*Corvus splendens*)**” in international conference on “Environmental stress and global challenges in current perspective” organized by department of Zoology, T.D.P.G. college, Jaunpur (U.P.) from 04-05 March, 2025.
- Delivered lecture on “**Migration patterns in marine mammals**” as keynote speaker at Shri Vishwanath P.G. College, Kalan, Sultanpur on 09th February, 2025.
- Delivered guest lecture on “**Cell is basic structural and functional unit of life**” at Jhunjhunwala P.G.college, Dabhasemar, Ayodhya on 30th august, 2025.
- Delivered lecture on ‘**Environmental education and Climate change**’ and ‘**Health and Sanitation**’ as resource person at district education and training institute (DEIT), Kaushambi , Uttar Pradesh during training programme for government school teachers on 28th July, 2025.
- Delivered invited lecture on ‘**Avian Intelligence**’ in international conference on ‘**From Molecule to Ecosystem: Global Security Through Sustainable Resource Management**’ organized by Tilak Dhari P.G. College, Jaunpur from 12th -14th March, 2026.
- Delivered lecture on ‘**Career Counselling**’ as resource person at district education and training institute (DEIT), Kaushambi , Uttar Pradesh during training programme for government school teachers on 19th March, 2026.
- Delivered lecture on ‘**Use of AI Tools in teaching**’ as resource person at district education and training institute (DEIT), Ayodhya, Uttar Pradesh during training programme for government school teachers on 24th March, 2026.
-

AFFILIATIONS TO SCIENTIFIC SOCIETIES:

1. Life member of Indian Science Congress Association (ISCA), Kolkata. Membership no. L15424 (2011).
2. Life member of Glocal Environment and Social Association (GESA), New Delhi. Membership no. 113/2019(2019).
3. Life member of Asian Biological Research foundation (ABRF), Prayagraj. Membership no. 11/2019 (2019).
4. Life member of Indian Academy of Neurosciences (IAN). Membership no. LK-159 (2020).

AWARDS:

- 1- Awarded “ Teacher of the year 2019” in the field of popular teaching by GESA, New Delhi, during international conference on Recent Trends in Science , Technology, Agriculture and Management held at FDDI (Ministry of commerce and Industry, Govt. of India), Fursatganj, Amethi on 20th Oct.2019.
- 2- Awarded “ ABRF excellent award for Zoological research” by Asian biological research foundation, Prayagraj , national conference on ‘Ozone layer, its depletion and impact on

living being(ODIL 2022)' held at National camel research institute, Bikaner on 16th-17th September, 2022.

Radio Talks

- 1- Delivered radio talk 'Vanya jeev sanrakshan aur jan bhagidari' at akashvani Ayodhya on 03rd March, 2023.
- 2- Delivered radio talk 'Jiv Jantuo ki anokhi dunia' at akashvani Ayodhya on 10th August, 2023.
- 3- Delivered radio talk 'Pakshiyo ka manav jeevan me mahatva' at akashvani Ayodhya on 05th January, 2024
- 4- Delivered radio talk 'Haathi prakriti ke saathi' at akashvani Ayodhya on 09th July, 2025

Patent

Patented a design to '**Portable Device for Measurement of Cardiac Arrhythmia**'
Design No. 489585-001 category 24-02 dated 03/02/2026

Date:

Place:

(DR.PRASHANT KUMAR)