

## CURRICULUM VITAE



**NAME** : Dr. Ashok Kumar  
**DESIGNATION** : Associate Professor & Head  
**DEPARTMENT** : Zoology  
**SPECIALIZATION** : Fish and Fisheries  
**EMAIL ID** : abmlk1515@gmail.com  
**MOBILE** : 9456087215  
**BLOOD GROUP** : B<sup>+</sup>

### QUALIFICATION DETAILS

S.NO.	QUALIFICATION	NAME OF UNIVERSITY	PASSING YEAR
1.	PhD	Dr. Rammanohar Lohia Avadh University	2016
2.	NET	Life Science CSIR- UGCNET	2004
	GATE	Life Science	2004
3.	M.Phil	Chaudhary Charan Singh University, Meerut	2002
4.	M.Sc. / M.A.	Chaudhary Charan Singh University, Meerut	1999
5.	B.Sc. / B.A.	Chaudhary Charan Singh University, Meerut	1997

### POSITIONS HELD

S.NO.	EMPLOYER	DESIGNATION	DATE FROM	DATE TO
1	M.L.K (PG) College	Lecturer	15.03.2007	23.10.20
2	M.L.K (PG) College	Associate Professor	24.10.2020	
3				

## ACADEMIC DETAILS

### Significant Publications and Articles

S.N O.	TITLE	JOURN AL	VOLUME / ISSUE	YEA R
1.	Effect of exercise on glycogen content in brain of <i>Channa punctatus</i> (Bloch)	J.Parasit Appl Anim Biol	Volume 11, Number 1&2 pp:37-42	2002
2	Prevalance of ectoparasites on fingerlings of indigenous major carps at Balrampur (U.P)	Bioherald( Int. Jour. of Biodiversit y & Environme nt),	1(2) Dec: 157-158.	2011
3	Effect of probiotic fermented milk and chlorophyllin on gene expressions and genotoxicity during AFB1-induced hepatocellular carcinoma	Gene	490 : 54–59	2011
4	Monitoring of <i>Helicoverpa armigera</i> (Hubner) through light and effect of weather on its larval development in the Tarai region of Balrampur District, U.P.,	India. Bioherald( Int. Jour. of Biodiversit y & Environme nt),	2(1): 73-75.	2012
5	Suicidal Generation of Tomato Fruit Borer, <i>Helicoverpa armigera</i> in Tarai region of U.P.	The Scientific Temper,	3(1&2): 99-100.	2012

6	Host plant preference for development and reproduction by <i>Helicoverpa armigera</i> (Hubner ) in Balrampur U.P.	J. Exp. Zool. India,	15(2): 605-607.	2012
7	Biology of <i>Helicoverpa armigera</i> (Hubner) on Tomato in Tarai Region of Uttar Pradesh.	J. Exp. Zool. India,	16(1): 101-104.	2013
8	Effects of Neem extracts on metamorphosis of <i>Helicoverpa armigera</i> (Hubner )	J. Exp. Zool. India	16(1): 199-203.	2013
9	Marigold as a trap crop for the management of tomato fruit borer, <i>Helicoverpa armigera</i> in Tarai region of Uttar Pradesh	The Scientific Temper	3(1&2): 65-68.	2013
10	Crowding effect on <i>Paramphistomum</i> sp. In ruminants under natural conditions	J. Exp. Zool. India	Vol. 15 No.1 pp263-264	2012
11.	Prevalence of <i>Paramphistomum</i> infection in dairy animals in district Balrampur (U.P)	India. Flora and Fauna	Vol 18, No.2: 311-312. ISSN 0971-6920	2012
12	Effect of hypoxia on carbohydrate metabolites of snake headed fish, <i>Channa striatus</i> (Bloch)	Bioherald( Int. Jour. of Biodiversity & Environment)	2(1) :55-57.	2012

13	Anticarcinogenic effect of probiotic fermented milk and chlorophyllin on aflatoxin-B1-induced liver carcinogenesis in rats.	British Journal of Nutrition	107, 1006–1016	2012
14	Targeted cancer therapies: the future of cancer treatment	ACTA BIOMED	83: pp 220-233	2012
15	Probiotic metabolites as epigenetic targets in the prevention of colon cancer	Nutr Rev	71 (1):pp 23- 34	2013
16	Probiotic Lactobacillus rhamnosus GG and Aloe vera gel improve lipid profiles in hypercholesterolemic rats	Nutrition	29, 574–579	2013
17.	In Pursuit Of Porcine Pluripotent Stem Cells for Autologous Cell Therapy	Stem Cell Discovery,	4, 107-124.	2014
18	Cord Blood Banking: An Indian Perspective,	Cell Mol Biol	62:3	2016
19	Stem Cell Therapy: The Methods in the Madness	Cell MolBiol	62:3	2016
20	Probiotic Approaches For Targeting Inflammatory Bowel Disease: An Update On Advances And Opportunities In Managing The Disease International	Journal of Probiotics and Prebiotics Vol. 11,	No. 3/4, pp.	2016
21	Butterfly Fauna in Jhansi District, Uttar Pradesh, India	SCITECH	Vol.11 No.2 pp 26-30	2016
22	Cancer preventing attributes of probiotics	Shodh-Bodh	Vol 2 pp 54-59ISSN 0974-0511	2016
23	Effect Of Hypoxia On Carbohydrate Metabolites And Haematological Indices	Flora and Fauna	Vol 23No. 1 pp173-178	2017

	Of Snakehead Fish, <i>Channa Punctatus</i>			
24	Immuno haematological Alterations With Acute Calcium Carbide Toxicity In <i>Rattus rattus</i>	J. Exp. Zool. India	Vol. 20, No. 1, pp. 527-530	2017
25	Effect Of Sodium Fluoride On Growth And Development Of Fingerlings Of <i>Labeo rohita</i>	J. Exp. Zool. India	Vol. 20, No. 1, pp. 543-545,	2017
26	Length Weight Relationship Of Fresh Water Fish <i>Labeo bata</i> (Ham.) From River Ghaghra	The Scientific Temper	Vol. VIII , NO <i>Labeo bata</i> -37,	2017
27	Morphometric And Meristic Variations Of <i>Labeobata</i> (Ham.) Collected From Two Populations : A Landmark Based Analysis	J. Exp. Zool. India	Vol. 20, No.2 pp 1093-1098,	2017
28	Study of reproductive biology of <i>Labeo bata</i> from river ghaghra	J. Exp. Zool. India	Vol. 21 No.2 pp 1185 –1190	2018
29	Nanomedicine in cancer stem cell therapy: from fringe to forefront Cell and Tissue Research	springer	<a href="https://doi.org/10.1007/s_00441018-2928-5">https://doi.org/10.1007/s_00441018-2928-5</a>	2018
30	Cholecalciferol induced regulation of calcium and inorganic phosphate in <i>capra aegagrus hircus</i> eye lens.	Flora and Fauna.	Vol 24 No.2pp 363-364.ISSN 0971-6920	2018
31	Modulation of triglyceride in female <i>rattus rattus</i> with steroid contraceptive	J. Exp.India	vol22 no.2 pp1029-1030	2019

	algestoneacetophenide (DHPA)			
32	Impact Of Sex Steroids On Plasma T3 And T4 Levels In The Fresh Water Catfish, <i>Heteropneustes fossilis</i> (Bloch)	J. Exp.India	vol22 No.2 pp1031-1033.	2019
33	seasonal variation in haematological parameter in surface, column and bottom dweller fish Local Environmental Change Have Global Effect(LECGE-2019)		vol 1 ISBN- 978=93-88838-2 pp102-109	2019
34	Environmental Pollution and their impact on health : an overview Local Environmental Change Have Global Effect(LECGE-2019)		vol 1 ISBN- 978=93-88838-2 pp263-279	2019
35	Butterfly diversity and distribution in different habitats at Jhansi Local Environmental Change Have Global Effect(LECGE-2019)		vol 1 ISBN- 978=93-88838-2 pp364-379	2019
36	The effect of detergent on haematological parameters in <i>Clarias batrachus</i>		vol 1 ISBN- 978=93-88838-2 pp150-157	2019
37	Impact of paper mill effluent on behaviour and immune response of snake headed fish, <i>channa punctatus</i> (Bloch) Local Environmental Change Have Global Effect(LECGE-2019)		vol 2 ISBN- 978=93-88838-2 pp22-35	2019

38	Cannibalism studies on eggs and newly hatched caterpillars in a wild population of <i>Helicoverpa armigera</i> (Hubner)( Lepidoptera : Noctuidae) Change Have Global Effect(LECGE-2019)		vol 2 ISBN- 978=93-88838-2 pp225-245	2019
39	Acute Melamine Toxicity In Immunohaematological Parameter With In <i>Rattus rattus</i> Change Have Global Effect(LECGE-2019)		vol 3 ISBN- 978=93-88838-2 pp90-101	2019
40.	Effect of cadmium on fresh water teleost, <i>Heteropneustes fossilis</i> (Bloch)	International Journal of Biological Innovations IJBI 1 (1)	(14-17)ISSN: 2582-1032.DOI: <a href="https://doi.org/10.46505/IJBI.2019.1103">https://doi.org/10.46505/IJBI.2019.1103</a>	2019
41	Morphometric, meristic characteristics and conservation of the threatened fish, <i>Puntius sarana</i> (Hamilton, 1822)(cyprinidae)in the rapti river, Balrampur.		Biodiversity and Development: challenges of 21st century. pp 227-234 ISBN978-93-89703-08-5.	2020
42	<i>Rhizopus stolonifer</i> (black mold) fungal infection on freshwater fish <i>Clarias batrachus</i>		Biodiversity and Development: challenges of 21st century pp272-280 ISBN 978-93-89703-08-5.	2020
43	Limnological Condition Of Tulsidas Tal Of Balrampur (U.P) in relation to fish production		Biodiversity and Development: challenges of 21st century pp267-271 ISBN 978-93-89703-08-5	2020

44	A survey of fish fauna of rapti river, Balrampur (u.p)	India International Journal of Biological Innovations IJBI	(76-81) E-ISSN: 2582-1032 DOI: <a href="https://doi.org/10.46505/IJBI.2020.2110">https://doi.org/10.46505/IJBI.2020.2110</a>	2020
45	Effects Of Large Doses Intake Of Ascorbic Acid On Blood glucose Level And Oxytocin In Female Rattus rattus	J. Exp. Zool. India	Vol. 23, No. 1, pp. 127-130, <a href="http://www.connectjournals.com/jezISSN0972-0030">www.connectjournals.com/jezISSN0972-0030</a>	2020
46	Glucose, Protein, Cholesterol And Immunohaematological Alterations With Acute (Sds) Sodium Dodecyl Sulfate Toxicity In Clarias batrachus	J. Exp. Zool. India	Vol. 23, No. 1, pp. 401-404, <a href="http://www.connectjournals.com/jezISSN0972-0030">www.connectjournals.com/jezISSN0972-0030</a>	2020
47	Pleurotus Florida :An Antifatigue Growth Modulator Of Clarias Batrachus	J. Exp. Zool. India	Vol. 23, No. 2, pp. 1149-1152, <a href="http://www.connectjournals.com/jezISSN0972-0030">www.connectjournals.com/jezISSN0972-0030</a>	2020
48	Evaluation Of Growth Performance Of Carp Fingerlings Fed With Methanolic Extract Of Oyster Mushroom (Pleurotus Florida)	J. Exp. Zool. India	Vol. 23, No. 2, pp. 1571-1575, <a href="http://www.connectjournals.com/jezISSN0972-0030">www.connectjournals.com/jezISSN0972-0030</a>	2020
49	Effects of Dietary vitamin-C on Biochemical and Morphometric parameters of Labeo rohita.	International Journal of Biological Innovations	. 2 (2): 174-177. <a href="https://doi.org/10.46505/IJBI.2020.2114">https://doi.org/10.46505/IJBI.2020.2114</a>	2020



50	Impact Of Pleurotus Opuntiae On Serum And Mucolysogenic activity Of Clarias batrachus Fingerlings	J. Exp. Zool. India	Vol. 23, No. 2, pp. 1895-1898, www.connectjournals.com/jez ISSN 0972-0030	2020
51	Effects Of Oyster Mushroom Extract (Pleurotus Florida) On Hematological Parameter And Skin Mucus Antibacterial Activity Of Farmed Indian Major Carp Fingerlings (Labeorohita)	J. Exp. Zool. India	Vol. 23, No. 2, pp. 1905-1913, ISSN 0972-0030 www.connectjournals.com/jez	2020
52	Effect of Rhizopus Stolonifer On Morphology and Haematology of Catfish, Clarias Batrachus (Linn.)	IRE Journals	Volume 4 Issue 5 pp.6-9 ISSN: 2456-8880	2020
53	Seasonal Alteration in Blood Parameters in Surface, Column & Bottom Dweller Fishes"	Iconic Research And Engineering Journals	Volume 4 Issue 6 Page 7-9 ISSN: 2456-8880	2020
54	Stomach content analysis of snake headed fish Channamarulius (Hamilton) from Rapti river of Balrampur, U.P., India	International Journal of Biology Research	Volume 5; Issue 3; 2020; Page No. 20-22 ISSN: 2455-6548 www.biologyjournal.in	2020
55	Toxic Effect Of Melamine, Ammeline And Mixture Of Melamine And Ammeline In Biochemical Parameters And Nephrotoxicity Of Rattus rattus	J. Exp. Zool. India	Vol. 24, No. 1, pp. 249-254, www.connectjournals.com/jez ISSN 0972-0030 eISSN 0976-1780 DocID: https://connectjournals.com/03895.2021.24.249 .	2021
56	Alterations In Hematological And Biometric Parameters Of Clarias batrachus (Linn,	International Journal of	http://ijbi.org.in   http://www.gesa.org.in/journals.php Doi:	2021

	1758) Following Short-Term 2021 Starvation	Biological Innovation s	<a href="https://doi.org/10.46505/IJBI.2021.3119">https://doi.org/10.46505/IJBI.2021.3119</a> IJBI 3(1): 186-193 () E-ISSN: 2582-1032.	
57	Cannibalism of newly hatched instar larvae and eggs in <i>Helicoverpa armigera</i> (Hubner)	International Journal of Advanced Research in Biological Sciences	8(7):157-163 ISSN:2348-8069 DOI: <a href="http://dx.doi.org/10.22192/ijarbs.2021.08.07.018">http://dx.doi.org/10.22192/ijarbs.2021.08.07.018</a>	2021
58	Stem cells-derived invitro meat: from petridish to dinner plate,	Critical Reviews in Food Science and Nutrition,	62:10, 2641-2654, DOI:10.1080/10408398.2020.1856036 To link to this article: <a href="https://doi.org/10.1080/10408398.2020.1856036">https://doi.org/10.1080/10408398.2020.1856036</a>	2022
59	Introduction to the effects of environmental pollutants on human health.	Int. J. Adv. Res. Biol. Sci.	9(4): 100-108. DOI: <a href="http://dx.doi.org/10.22192/ijarbs.2022.09.04.011">http://dx.doi.org/10.22192/ijarbs.2022.09.04.011</a>	2022
60	Effect of Heavy Metal Chromium on Haematological Parameters of <i>Clarias batrachus</i> .	Int. J. Adv. Res. Biol. Sci	9(5): 129-135. DOI: <a href="http://dx.doi.org/10.22192/ijarbs.2022.09.05.014">http://dx.doi.org/10.22192/ijarbs.2022.09.05.014</a> ISSN: 2348-8069	2022
61	The liver and kidney of <i>Clarias batrachus</i> suffer from Cobalt chloride-inducing necroptosis.	J. Exp. Zool. India	25, 2129-2132. DocID: <a href="https://connectjournals.com/03895.2022.25.2129">https://connectjournals.com/03895.2022.25.2129</a>	2022
62	Mucus bactericidal activity of <i>Pleurotus florida</i> on <i>Clarias batrachus</i> fingerlings.	J. Exp. Zool. India	25, 2145-2148. DocID: <a href="https://connectjournals.com/03895.2022.25.2145">https://connectjournals.com/03895.2022.25.2145</a>	2022

## Conferences, Seminars, Workshops & Talks

S.NO.	DETAILS	YEAR
1.	Frontiers in Biological Sciences (dept. of biotechnology ,Veer Bhadur Singh Purvanchal University, Jaunpur)	Dec 4-5,2011
2.	Update on tuberculosis(Dr.Rml Institute Of Medical Sciences, Lucknow)	18 <sup>th</sup> March,2013
3	Environmental degradation and aquaculture (BSNV PG College Lucknow)	28 <sup>th</sup> april 2013
4	Environmental Problems and their remedial measures(CCS University)	24-26 <sup>th</sup> march 2012
5.	Role of bio sciences to save environment (Kisan PG College, Bahraich)	6 <sup>th</sup> &7 <sup>th</sup> Oct.2012
6	Science for shaping the future of India (Indian Science Congress Association,Bhopal chapter)	30 <sup>th</sup> - 31st october 2012
7.	Environment, quality of life and eco-development ( MLK PG College, Balrampur)	oct27-28 (2012)
8.	Advances in Molecular Techniques and their application in health and disease (AGRA College)	30 <sup>th</sup> nov and 1 <sup>st</sup> dec 2011
9	Frontiers in biological science (VBSP University, Jaunpur)	4-5 december 2011
10	Environmental Degradation vis-à-vis Biodiversity Conservation (MLK PG College Balrampur)	5 <sup>th</sup> and 6 <sup>th</sup> nov. 2011
11	Higher Education: Issues, Challenges ,Prospects and Strategies (Mumtaz PG College, Lucknow)	11 <sup>th</sup> september2016
12	Ganga pollution: Analysis and remedies (DAV PG College, Kanpur)	7-8 oct ,2016
13	Conservation of natural resources and its management (MMM PG College Bhatpar Rani, Deoria)	25-26 Oct 2016
14.	National conference on bio-degradation of wildlife, environment and biodiversity (B-WEB2017)Gandhi Faiz-E-AAM PG College Shahjhanpur	19-20 march 2017
15	.Ecological Imbalance: a threat to flora, fauna economy and human survival (EITFES 2017) Govt.pg college Saidabad Allahabad	22-23 SEP 2017

16	Pollution control for sustainable environment (MMM PG College Bhatpar Rani, Deoria), Gorakhpur University, Gorakhpur)	10-11 Feb 2018
17	Diversity and utilization of tropical plants (Department of Botany, DDU Gorakhpur University, Gorakhpur)	22-23Feb2018
18	BioSangam – Innovations and Translational dimensions: food , health and environmental biotechnology (Motilal Nehru National Institute of technology Allahabad )	9-11march 2018
19.	Recent trends in agriculture biodiversity and social sustainability(ABSS 2018) Blue Planet Society Allahabad & Govt.pg college Saidabad Allahabad	30 <sup>th</sup> sep and1st oct2018
20	Eco – centric thought and action : a need for human existence (ETANHE - 2018) Dr, Shyma Prasad Mukherjee Govt. Degree College, Bhadohi	24 -25 Feb 18
21	Indiscriminate development : Current scenario and socio-environmental challenges (IDCSC 2018) Botanical Survey of India, Allahabad	18-19 march2018
22.	Advances in biological and environmental research for human welfare (ICABERHW-2018) Department of zoology DDU Gorakhpur	16-18 nov18
23	Global conference – our biodiversity , our food & our health (BSI ) – CRC Pryagraj (UP)	21-22 may 2019
24	NAAC evaluation process and importance MLK PG College, Balrampur	5th Oct 2019
25	International conference Recent trends in science , technology, agriculture and management FDDI Amethi UP	20th&21st October2019
26	Biodiversity and development : challenges of 21st century MLK PG College Balrampur	24th&25th Nov 2019
27	International conference on environment and society (ICES 2019) Socio- economic challenges of agriculture, biodiversity& environment Harcourt Butler University (HBTU) Kanpur, UP	22nd& 23rdDec 2019
28	International conference on environment and society (ICES 2019) Socio- economic challenges of agriculture, biodiversity& environment Harcourt Butler University (HBTU) Kanpur, UP	24,25,26thfeb 2020

	6th International Conference on Environment and Ecology 24th,25th& University of Allahabad, Praygraj	

### **Awards & Recognitions**

S.NO.	NAME OF AWARDS	YEAR
1.	FELLOWSHIP (Blue Planet Society) (FBPS)	
2.	FELLOWSHIP (Asian Biological Research Foundation) (FABRF)	
3.	FELLOWSHIP (Global Environment and Social Association) (FGESA)	
4.	FELLOWSHIP (International Association of Zoology) (FIAZ)	
5.	GESA Distinguish Teacher Award in the field of FISH AND FISHERIES	
6.	Eminent Biologist Award for Biodiversity Conservation (International Foundation for Environment and Ecology. Kolkata )	
7.	Best Faculty For Teaching Innovations (GESA)	

### **Academic / Administrative Services to the College / University**

S.NO.	DETAILS
1.	Head, Department of Zoology
2.	Chairman Criteria 7 Institutional Value and Best Practices (NAAC)
3.	NSS (National Service Scheme) Programme Officer: 5.12.09- 4.12.12
4.	Head of Psychology Dept.: 7.07.2017 to 2.07.2018
5.	Games Superintendent
6.	Garden Incharge
7.	IQAC Coordinator
8.	Executive Council (Siddharth University) ;2015-16, 2016-17
9.	Board of Studies (Siddharth University) ; 2015 -16, 2016-17, 2017-18, 2018,2021,2022
10.	Research Advisory Committee (Siddharth University)

## Research Guidance

S.NO.	NAME OF RESEARCH SCHOLAR	TOPIC	STATUS / YEAR
1	Asha KC	Efficacy of oyster mushroom in promoting biochemical, hematological and health status of catfish <i>Clarias batrachus</i> (linn.)	
2	Dhananjay Pratap Rao	Effect Of Immunostimulant <i>Ocimum sanctum</i> In Disease Management Of Fresh Water Carp <i>Labeo rohita</i>	
3			

### Book Published:

- i) A Polyphagous pest: *Helicoverpa armigera* (2019) ISBN 978-81-938174-5-2
- ii) Local Environmental Changes have Global Effect (LECGE-2019) ISBN 978-93-88838-38-2
- iii) Basic concept of Immunology (2020) ISBN 978-93-90110-65-0
- iv) Basic concept of Toxicology ISBN 978-93-90573-33-2 v) Cytology, genetics & infectious disease ISBN 978-93-91152-67-3 (Text Book B.Sc. Zoology -1)
- vi) ,Environmental Chemistry and Its Applications for the Pollution Abatement, ISBN No. 978-93-94741-53-9, Blue Hill Publications, 2022