

BIO-DATA

Name: Dr. Akhilesh Kumar

Designation: Associate Professor of Zoology

Address: Department of Zoology, A.N.College, Patliputra University Patna
Bihar, India. Pin: 800013.

Residence : Road No:24-O, Adarsh Vihar Colony Rajiv Nagar, Patna-800024 (Bihar), India.

Mobile No: +91-9334255764, 9123467826

Email Id: kakhilesh1971@gmail.com

Teaching Experience: UG: 24Years (Since 1995 to till now)

PG: 18 Years (Since 2003 to till now)

Research Experience: Since 1998 to till now

Administrative Experience: Nodal Officer BEDCET-2022

UR: Krishna College of Teacher Education(PPU)-2021-22

Prof In Charge Dept. of Biotechnology (Jan 2020-21).

IQAC Member A N College Patna PPU in 2020-21

Convener A N College Alumni Association Meet 2019

UR : Kanti Indra Mahila Mahavidyalaya (MU) 2015-16

Coordinator of UGC-Merge-Scheme (2007- Continue)

Chief Proctor A.N College Patna in 2019-221.

Proctor A.N College Patna Since 2016-2019

Campus-In-Charge A N College in 2019-21

Educational Qualification:

Examination	Board/University	Year of passing
D.Sc	Magadh University	Submitted in 2013
Ph.D in Sericulture	Magadh University	2001
M.Phil in Bioinformatics	EIILM University	2012
M.Sc in Bioinformatics	V M U	2010
B.E.T	B.U.S.C, Patna	1997
M.Sc. in Zoology	Magadh University	1995
B.Sc.	Magadh University	1993
H.S.C	B.I.E.C	1988
S.S.C	B.S.E.B	1986

Courses attendant :

ICGEB Workshop at Istanbul Bilgi University Turkey	2012
CIMAP Workshop at Lucknow	2007
Short by ICAR in Biotechnology	2004

Refresher Course :

UGC Academic Staff College BRABU, Muzzafarpur	2010
---	------

UGC Academic Staff College, Patna University .	2009
--	------

Orientation Course :

UGC Academic Staff College, Patna University	2004
--	------

Doctoral and Post-Doctoral work:

Ph.D Topic	BIO CHEMICAL STUDY ON THE SERICIN CONTENT AMONG ANTHERAEA SPECIES UNDER DIFFERENT CONDITIONS (<i>Saturniidae: Lepidoptera</i>)			
Ph.D Guide	Prof. K.B. Sharma			
Department & Institution	P.G Department of Zoology, Magadh University, Bodh Gaya.			
Ph.D Details	(a) Thesis submission	(b) Open-defense	(c) Ph.D declaration	(d) Ph.D award
	5-Jan-1999	21-Feb-2001	5-Mar-2001	15-Mar-2001
D.Sc. Topic (Post Doctoral thesis)	“BEHAVIORAL PHYSIOLOGY OF TASAR- SILKWORM”.			
D.Sc Guide	Prof. K.B. Sharma.			
Dept. and Institution	P.G Department of Zoology & Biotechnology, Magadh University, Bodh Gaya.			
	Thesis Submitted for Defense in 2013			

Prize /Awards/Felicitation:

Gold medal by ZSI : 2001

Young Scientist Award by Zoological Society of India

Research Project Completed

Topic of Project”	“Relative study of Bio-fertilizer and Organic Fertilizer farming in Tasar Culture”
Project Approved by	UGC (2006-09)
Project workplace	P.G Department of Zoology, A.N. College, Patna(MU).

Ph.D Awarded under supervision: 4(Four)

No.	Title of project	Ph.D Student	Registration No.	Award Year
1	A STUDY OF IMPACT OF BIOMEDICAL WASTE IN INDIA	Manikant Kr. Sinha	XM/R/1168/12	2021
2	STUDY OF PSEUDOMONAS AERUGINOSA IN REFERENCE OF T3SS GENE EXPRESSION	Sudhir Kr Mishra	120/1161/05	2021
3	STUDY OF MOLECULAR CHARACTERIZATION AND ANTIBIOTIC PROPERTIES OF ACTINOMYCETES FROM AIR	Yogesh Kr. Ujjawal	14901001369	2021
4	STUDY OF LIPID PROFILE IN DIABETIC PATIENT IN RESPECT OF AGE GROUP	Sanjay Kr Pandey	1113001302/13	2020

5	COMPARATIVE BIOCHEMICAL STUDY OF FIBROIN AND SERICIN AMONG THE SPECIES OF ANTHERA(AE) (SATURNIIDAE: LEPIDOPTERA)	Deepti	2022/2029	2019
6	PHYSICO-CHEMICAL AND BIOLOGICAL ANALYSIS OF GANDAK RIVER AT SONPUR	Som Nath	1113000690	2018
7	STUDY OF WETLAND ECOLOGY WITH REFERENCE TO KANWAR LAKE.	Aradhana Singh	0015225/2000	2012
8	PHYSICO-CHEMICAL STUDY OF SEWAGE SYSTEM OF PATNA.	Udesh Paswan	0003177/1996	2012
9	IMPACT OF EXTRINSIC FACTORS ON THE QUALITY OF TASAR COCOONS	Kumar Prashant Sinha	0014769/98	2011
10	HYDRO BIOLOGICAL STUDY OF RIVER SONA IN RELATION TO FISHERIES	Kumar Vimal	11262/97	2009

Ph.D Submitted under my supervision: 4(Four)

No	Title of project	Ph.D Student	Year	Unive rsity
1	Study on Phosphate Solubilizing Microbes from Agroland of Inbankment of River Ganga at Patna.	Lucky Kri Sharma	2017	MU
2	Effect of Zinc Oxide Nanoparticles on the microbes in Reference to different a Biotic Factors.	Rinku Kumari	2017	MU
3	Conceptual Analysis Of Immunity System Protecting Body From Inflammation Using Multiple Reagents	Goush Talab	2017	MU
4	Study on the impact of Silver Nanoparticles of Saccharomyces Cerevisiae.	Ayesh Alam	2017	MU

Hands-on-experience on different techniques:

- A. Plant tissue culture
- B. Isolation of DNA
- C. PCR
- D. Microbiology technique
- E. Biochemical technique
- F. Sequencing

Book Publications:

1. Concept of Vitamins (2020)-ISSN:978-93-86143-73-0
2. Concept of Nucleic Acid (2020)-ISSN:978-93-86143-71-6
3. Bioinformatics terminology (2012)- ISBN:978-93-81922-20-0.

4. Application of Silk yarn A review (2012)- ISBN: 978-93-81922-21-7.

5. Sericin composition of tasar yarn (2001).

Research Publications:

Sharma kri. lucky and Kumar Akhilesh (2019): Analysis of phosphate solubilization activity of bacterial strains isolated from river Ganga. ISSN: 2320-3714 (online) Airo International Research Journal Volume XVIII Issue Jan 2019 Impact Factor 0.75 to 3.19.

Kumari Rinku and Kumar Akhilesh (2019): Approach Towards The nanoparticles of zinc Oxide in various Factors. ISSN:2320-3714 (online) Airo International Research Journal Volume XVIII Issue Jan 2019 Impact Factor 0.75 to 3.19.

Mishra Kr. Sudhir and Kumar Akhilesh (2019): A Study Of Pseudomonas Aerregionosa in T3SS Gene expression. ISSN:2455-3085(Online)Research Reviwe International Journal Of Multidiciplinary Volume-04 Issue Jan 2019.

Kumar Akhilesh(2015): A preliminary screening of Silk protein(sericin) for the anti-Leishmanial properties and effect on immune response in visceral leishmaniasis ISSN 2320-5407 (Online); International Journal of Advance Research(2015), Volume 3, Issue 7, 1182-1187.

Kumar Akhilesh (2014): Effect of Silk protein(sericin) on the growth and proliferationof Leishmania donovani, the causative agent of visceralleishmaniasis ISSN 2320-5407 (Online); International Journal of Advance Research(2014), Volume 2, Issue 4, 1103-1106.

Deepti and Kumar Akhilesh(2013): A Comparative Research on Generation of Silk Sericin/Silk Fibroin Nan fibers ISSN 2230-9659(Online); Journal of Advances in Science and Technology Vol. V, No. X, August-2013.

Deepti and Kumar Akhilesh(2013): A Analysis on Impact of Natural Solvents on Tensile Power of Muga Silk Made by Antheraea assamensis ISSN 2230-9659(Online); Journal of Advances in Science and Technology Vol. V, No. X, August-2013.

Deepti and Kumar Akhilesh(2013): A Comparative study on Sustence Possibilities via Dericulture ISSN 2230-9659(Online); Journal of Advances in Science and Technology Vol. V, Issue VIII, May-2013.

Deepti and Kumar Akhilesh(2013): A profile about Several Improvements in Sericulture Procedure ISSN 2230-9659(Online); Journal of Advances in Science and Technology Vol. IV, Issue IX, Feb-2013.

Kumar Akhilesh and Deepti (2013):Bioinformatic analysis of carbon profile in silk protein of silkworm, Samia synthia ricini.DAV International Journal of Science ISSN 2277-5536 (Print); 2277 - 5641(Online)

Kumar Akhilesh (2012): Studies on insect behavior In response to leaves of different Host Plants.Bihar research journal ISSN-0975-4288.

Kumar Akhilesh, Aradhana Singh, Deepti and Md.Akhlaque Sadri (2012): Physico-chemical analysis of water of Danapur Cantt Canal., Patna (Accepted).

Kumar Akhilesh and Aradhana Singh (2011): Study of Wetland Ecology of Kanwar Lake Proc.Zool.Soc.India.10 (1):91-93(2011).

*Kumar Akhilesh and Kumar Prasant Sinha(2010):Bionomics of Tasar Silkworm, *Antheraea mylitta*(Saturniidae:Lepidoptera) Int. J. Biol. Sci. Vol.1(1st Issue),pp.55-58,2010.*

Kumar Akhilesh,Santosh Kumar Mishra, P.P.Singh(2009-10):Isolation, Screening & storage of useful bacterium from soil samples Sectrum Vol.II No.1-4,2009-10.

Kumar Akhilesh and Kumar Prasant Sinha: Hydrobiology of water pond of Patna (Bihar)Bull.Biol.Sci.VII(2nd Issue),pp.135-141,2009.

Kumar Akhilesh and Kumar Prasant Sinha: Limnological studies of Sikandarpur marsh of Muzaffarpur,Bihar. Bull.Env.Sci.Vol.XXVII(3rd Issue),pp. 197-203,2009.

Kumar Akhilesh et al: Biological and Biochemical behavior of Actinomycete isolated from air.Indian Science Congress (2008).

*Kumar Akhilesh,Rajeev Ranjan,KumarVimal,S.N.Das and V.P.Singh: Study of sericin in indoor and outdoor harvested Tasar cocoon of species of *Antheraea mylitta*.Int.J.Mendel,Vol.24(3-4),121-122,2007.*

*Kumar Akhilesh(2006): Comparative Study of the Total Sericin Content Among Indoor and Outdoor Harvested Tasar Cocoon in Different Species of *Antheraea* Int J.Mendal.Vol.23(1-2),35.*

*Kumar Akhilesh(2006):Relative studies of Environment Interaction on Phenotypic expression in ecotpe of *Antheraea mylitta*: Int J.Mendel.Vol.23(1-2),36.*

*Kumar Akhilesh,Singh V. P and Singh R.S(2005): Study of Relative Variation in the amino acid Composition of Sericin Among Different Species of *Antheraea*:Proc.Zool.Soc.India 4(2):95-97.*

*Kumar Akhilesh, Pandey B.N.et.al (2000): Evolution of the effect of Fertilizer (Urea) on Toxicity and Behaviour in a fresh Water Teleost, *Anabas, Testudineus* (Bloch): Biojournal Vol,12,NO.1&2,177-180, June & December.*

*Kumar Akhilesh and Sharma K.B (1997): Seasonal Effects on reeling performances of Tasar Cocoons an *Antheraea mylitta*.Biojournal, Vol.9 NO.1&2,125-126 June and December.*

DECLARATION

I hereby declared that the above-mentioned information are complete and correct to best of my knowledge.

Date:

Akhilesh Kumar