

CV

Name: Dr. Akshay Kumar Haloi

Designation & Department: Assistant Professor, Post Graduate Department of Zoology
Bajali College, Pathsala.

Academic Qualification

Degree	Name of the institution	Year of passing
10th	Jnanapith High School, Nalbari	1990
12th	Nalbari College	1993
BA/BSc/BCom	Nalbari College	1996
MA/MSc/MCom	Gauhati University	1998
MPhil		
PhD	Gauhati University	2007

Publications in Journals:

a) Names of the paper(International/National/Regional Level):

- (1) “Environmental estrogens mimic the function of endogenous estrogen”. **National Seminar on Challenging frontiers in Applied Zoology**, (2006) Zoological Society of Assam & Department of Zoology, Rongia College, **Proceedings**, pp-44, Aug 25 & 26
- (2) “Uterotrophic activity of Bisphenol-A and Octylphenol in immature mice” **Journal of the Assam Science Society**, (2007). Vol-47, pp-32-35
- (3). “Studies on the inhibition of pregnancy in albino mice by pre-gestational exposure to methanolic extract of roots of *Careya arborea* Roxb.” **Journal of the Assam Science Society**, (2008) Vol-48, pp-21-26
- (4) “ Studies on the oestrogenic activity of Bisphenol-A and Octylphenol on the testis and epididymis of adult mice” **Journal of the Assam Science Society** (2009). Vol-50, pp-131-136.
- (5) “Effects of methanolic root extract of *Careya arborea* Roxb. on ovarian histology of albino mice” **Journal NeBIO**, (2010). North East Centre for Environmental Education and Research, Imphal, Manipur (India)
- (6) “Studies on the adverse reproductive effects of xenobiotics-Bisphenol-A and Octylphenol in adult cyclic female albino mice” **Journal of Applied Bioscience**, (2010) International Society of Applied Biology, Lucknow, (India)
- (7) “ Pre-gestational exposure to Environmental oestrogen Bisphenol-A and Octylphenol affects pregnancy, litter size, birth weight and puberty in albino mice”. **The Ecoscan**, An international journal of Environmental Sciences, (2011) Vol-1, pp-357-362, **ISSN:0974-0376** (Paper presented in the 3rd International conference on Climate change, Forest resource and Environment (ICCFRE, 2011) December, 09-11, Thiruvananthapuram, University of Kerala in association with National Environmentalists Association, India
- (8) Philosophy of Health, **Philosophica**, Vol-II, Sept 2012, ISSN-2249-5053
- (09) Studies on the Uterotrophic activities of Environmental estrogens Bisphenol-A & Octylphenol in ovariectomized albino mice. **Environmental degradation & its impact on Biodiversity**, 2013, EBH Publishers, ISBN-978-93-80261-84-3

(10) “Studies on the rearing performance of Muga Silk Worm *Antheraea assama* Ww. In Jarua crop “**Research Journal, Bajali College, Pathsala**,(2014)A peer reviewed research journal of Science and Humanities, Vol-1, No-1

Publications in Books:

a) Names of the Chapters in Books:

b) Names of the Books edited:

- i) Environmental oestrogens: Bisphenol-A and Octylphenol, An assessment of *in vivo* endocrine effects in Albino mice (*Mus musculus*). VDM Verlag Dr. Muller GmbH & Co.KG, Germany, ISBN:978-3-639-33273-5, 2011 (Thesis)
- (ii) Co-authored a book entitled “HEALTH AND HYGIENE”, 2012, MBS Publication, Shillong.
- iii) Co-authored a book entitled “FUNDAMENTALS OF BIOLOGICAL TECHNIQUES” Kalyani Publications, 2013, ISBN-978-93-272-3621-7
- iv) “ FUNDAMENTAL OF BIOSTATISTICS” Kalyani Publications, 2013, ISBN-978-93-272-3546-3

Publications in News Paper/ Magazine etc. if any:

- (1) “Endogenous estrogen versus environmental estrogen” a scientific article published in the **Journal of Gauhati University Research Scholars’ Association**. (2003). Vol I, 44-45
- (2) “ Srimanta Sankardev Kalakhetra-Ek samanyar prangan” **Luit to thames**, a bilingual annual magazine, January, 2001 pp-118.
- (3) “ **Malbhumir gahaj: yak**” a scientific article published in the assamese daily “**Amar Asom**” , August, 2006, pp-09,
- (4) “**Mahekia chakra aru hormonal bhumika**” a scientific article published in the assamese daily “**Dainik agradoot**” , April, 2005, pp-05,
- (5) “**Paribesat Estrogen Hormone**” an scientific article published in “**Bijnan Jeuti**” An Assamese Popular Science Bi-Monthly, Feb- March, 2007, pp-26-28.
- (6) “**Environmental Estrogens: A Major Health Risk Concern**” a scientific article published in “**Souvenir**” Assam Science Society “46th Biennial Conference cum National Seminar”, 2007, pp-106-109, 21-23 April, Bajali College, Pathsala,
- (7) “**Prasab Bedana: Matrityar Jantranadayak Muhurtya**” a scientific article published in the assamese daily “**Dainik Batori**”, June, 2007, pp-10.
- (8) “**Sisur krandanar bivinna dasha: Niramayar upaya**” an assamese article published in “**Ajari**” a monthly assamese magazine, April, 2008, pp-52-53,
- (9) “**Sisur pustikar ahar sambandhe gurutapura keitaman katha**” an assamese article published in “**Ajari**” a monthly assamese magazine, pp-58-59, 2008
- (10) “**Phytoestrogens: A mysterious gift of nature to health**” a scientific article published in “**Bajalian**” **Bajali College Magazine**, 2007-08, pp-105-106.
- (11) **Superstitions: A threat to the society**” an article published in “**Bajalian**” **Bajali College Magazine**, 2009-10, pp-79-81.
- (12) “**Stress: The present day malady and its remedies**” an article published in “**Bajalian**” **Bajali College Magazine**, pp-118, 2014-15.
- (13) “**Strings of melody**” an article published in **The Assam Tribune**, 12th June , 2014
- (14) **Teachers: Nourishing the future**” an article published in **The Assam Tribune**, 5th Oct, 2016.

Acted as Resource Persons(if any):

1. Acted as a resource person and delivered lecture on “**Chemicals in our everyday life**” at Jatiya Vidyalaya, Tihu on the occasion of National Science Day, 2nd Feb, 2011

2. Acted as a resource person and delivered lecture on “**Environmental Biotechnology: Challenges & Perspectives**”, DBT sponsored three day workshop on Biotechnology: A new avenue of research, 8-10 Sept, 2015, Institutional Level Biotech Hub, Bajali College, Pathsala.

Seminar /Workshop/ Short term Course attended if any-

- (1) U.G.C Sponsored National Seminar on “Socio- Economic Development: Education for Tribal people with special reference to Bodo community in Assam, 8 & 9th Feb, 2002, B.B. Kishan College, Assam
- (2) U.G.C Sponsored National Seminar on “Rural Development in N. E. India, Problems and Prospects”10&11th Feb, 2002, Tihu College, Tihu, Assam
- (3) National Symposium on “Recent Trends in Zoological Sciences”, 12 -13th March, 2003, Department of Zoology, Punjabi University, Punjab.
- (4) National Symposium on “Assessment and Management of Bioresources”28-30th May, 2003, Department of Zoology, North Bengal University, Darjeeling.
- (5) Workshop on “Disaster Management”18th Aug, 2003, Handique Girls’ College and DBYES, Donbosco.
- (6) Workshop on “Nutrition and National Development”29th Sept, 2003, Department of Women and Child Development (Guwahati branch), Ministry of Human Resource Development, Govt. of India.
- (7) Seminar on “International year of Fresh water-2003” 8th Nov, 2003, UNESCO Association, Guwahati
- (8) The Annual General Meeting & Conference of the Zoological Society of Assam, 18&19th Jan, 2004, Nalbari College, Nalbari.
- (9) National Symposium on “Current Trends in Chemical Research, 27 & 28th Feb, 2004, Department of Chemistry, Gauhati University.
- (10) Workshop on “Application of Statistical Techniques in Basic and Social Science Research, 9 & 10th May, 2004, Assam Science Society, Academic Staff College, Gauhati University, Guwahati, Assam.
- (11)UGC sponsored national workshop on “Quality issues in under-graduate education: challenges and opportunities” Department of Education, 14-15th Oct, 2004,Tihu College, Tihu, Assam
- (12) ISI-Sponsored North-East Region Workshop on “Longitudinal Data Analysis [LDA]”6-10th Dec, 2004, Department of Statistics, Gauhati University.
- (13) National level seminar on “Problems and Prospects in Interlinking the Indian Rivers”28th March, 2005, Indian Science Congress Association and Guwahati Chapter of the Indian Science Congress Association.
- (14) UGC sponsored national seminar on “The Need of Entrepreneurship education in colleges”18-19thNov,2005,Bajali College, Pathsala.
- (15) National Seminar on “Zoology for Human Welfare”2nd Feb, 2006, Zoological Society of Assam, Gauhati University, Assam.
- (16) National Seminar cum Awareness programme on Radiation, Health and Environment, Indian Society of Radiation Biology, 7 & 8th April, 2006, Department of Veterinary Physiology, Faculty of Veterinary Science, Assam Agricultural University, Khanapara, Ghy, Assam
- (17) Seminar on “Strengthening quality collegiate education after provincialisation: An analysis”3rd Feb,2007,Gauhati University Alumini Association & Bajali College, Pathsala.
- (18) Assam Science Society “46th Biennial Conference cum National Seminar”,21-23 April, Bajali College, Pathsala, 2007
- (19) Workshop cum training programme on “Identification and Conservation of butterfly”6-8th Oct, 2007, Butterfly North-East & Bajali College Butterfly Society, Department of Zoology, Bajali College, Pathsala.
- (20)Training course on “Bioinformatics tools and their application in biological research”3-6th Dec, 2007,Bioinformatics infrastructure facility, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati.

- (21) International Conference on Yak Husbandry, Challenges & Strategies, 20-22nd April, 2009, National Research Centre on Yak, Indian Council of Agricultural Research, Dirang, Arunachal Pradesh, India.
- (22) 55th Annual Technical Session, Assam Science Society, February, 15, 2010, Gauhati University, Guwahati.
- (23) One day workshop on Semester system vis-à-vis Examination reforms, IQAC (Internal Quality Assurance Cell), 28th May, 2011, Bajali College, Pathsala, Barpeta Dist, Assam.
- (24) Participated in the 58th Annual Conference of ACTA. 23-26th June, 2011 at Duliajan College, Duliajan, Assam.
- (25) Training programme on “Introduction to Molecular Genetics and Bioinformatics” 7-8th September, 2011. National Research centre on Pig (ICAR), Rani, Guwahati
- (26) 3rd International Conference on “Climate change, Forest Resource and Environment, ICCFRE -2011 and 6th National Environment Congress, December 9-11, 2011, University of Kerala, Thiruvananthapuram.
- (27) State level workshop cum lecture on “Aesthetic value of Dr. Bhupen Hazarika’s works and his contributions to the socio-cultural life of Assam” 26th December, 2011, Nirmal Haloi College, Patacharkuchi, Barpeta Dist, Assam.
- (28) National seminar on “Environmental degradation and its impact on biodiversity in India with special reference to NE region” 17th to 18th Feb, 2012, Department of Botany, M.C. College, Barpeta, Assam.
- (29) Sensitization workshop for development of location specific R&D and demonstrative projects for SC/ST dominated locations, 17th Aug, 2012, College Development Council and Assam Science Technology and Environment Council (ASTECC). Gauhati University
- (30) One day workshop on “Agricultural products and IPR” 12th Feb, 2013, Krishi Vigyan Kendra, Nalbari
- (31) Two day National seminar on “Emerging trends in Chemistry and Technology” 27-28th June, 2013, Bajali College, Pathsala in association with Assam Science Society, Bajali Branch.
- (32) “Orientation programme for academic councillors” 18-19th January, 2014, IGNOU Regional Centre, Guwahati in association with Regional Services Division (H.Q.s).
- (33) Participated in “North-East Graduate Congress-2014” 22-23rd February, 2014, University of Science and Technology, Meghalaya.
- (34) National level seminar on “RUSA-its implication in the North Eastern Region: Problems and Prospects, 11th Sept, 2014, Bajali College, Barpeta Zone, ACTA in association with Bajali College Unit, ACTA (BCTA)
- (35) DBT sponsored Seminar on “Biotechnology for human welfare and Hands on training on plant tissue culture” 26th Sept, 2014, Institutional Biotech Hub, Bajali College, Pathsala.
- (36) Participated in the Zonal conference of ACTA, Barpeta Zone, 15th Oct, 2014, BB Kishan College, Jalah.
- (37) Participated in the 61st Annual Conference, ACTA, 26-29th Oct, 2014, Moran College, Moranhat, Sivasagar, Assam
- (38) Faculty Development Programme on Instructional Objectives-“Teaching Science as Science” organized by ICFAI University Tripura. 5th December 2014.
- (39) Participated in “North-East Graduate Congress-2015” 3-5th January, 2015, University of Science and Technology, Meghalaya.
- (40) Participated in National workshop on “Application of quantitative techniques in physical geography” 1-3rd July 2015, Bajali College, Pathsala
- (41) Participated in a DBT sponsored Three Day workshop on “Biotechnology: A new avenue of research, 8-10th Sept, 2015, Institutional Level Bio Tech Hub, Bajali College, Pathsala
- (42) Participated in the 62nd Annual Conference of ACTA. 1st - 4th Nov, 2015 at Barnagar College, Sorbhog, Barpeta, Assam.
- (43) Participated in a two day NAAC sponsored National workshop on “Academic audit, Principles and practices” 14-15th Oct, 2016, Assam Don Bosco University in collaboration with Cotton College State University, Azara, Guwahati.

UGC-Orientation/Refresher Course attended:

- (1) UGC Sponsored orientation programme, 24th Jan to 20th Feb, 2011, UGC-HRDC (Academic Staff College), Gauhati University.
- (2) UGC Sponsored Refresher course on Life Science (ID), 17th December to 6th Jan, 2013, UGC-HRDC (Academic Staff College), Gauhati University.

(3) UGC Sponsored Refresher course Special Winter school on Research methodology-II (ID), 29th Jan-18th Feb,2016,UGC-HRDC(Academic Staff College), Gauhati University.

Guideship (Yes/No): No

Patent Registered (Yes/No): No

Award received (if any): No

Engagements with the College (other than academics)

1. Member, Entrepreneurship Club, Bajali College
2. Member, Campus Discipline Committee, Bajali College
3. Appointed Prof. In-Charge, Social Service, Bajali College
3. Appointed Presiding Officer, BCSU Election.
4. Guide students to participate in different co-curricular activities.
5. Organize motivational and popular lectures.
6. Active involvement in different cultural activities of the Institution.
7. Active involvement in Inter College Youth Festival.

Hobbies/Interests: Teaching, Research & Instrumental music

Any other relevant information:

- i) Life member, International Society of Applied Biology, Lucknow (India)
- ii) Life member, The Indian Science Congress Association, Kolkata
- iii) Appointed as the Invigilator/Internal Examiner/Evaluator in the H.S. U.G and P.G. examinations.
- iv) Appointed as the Teacher In-Charge to arrange and conduct Educational Excursion /Field Studies pertaining to the prescribed syllabus of U.G. and P.G. Courses.
- v) Appointed as the Invigilator in the Teacher Eligibility Test (TET).
- vi) Appointed as the question paper (Practical) setter in TDC Examinations.
- vii) Appointed as the Supervisory Officer/External Officer/ External Examiner (Theory & Practical Examination) in H.S, Under Graduate(UG) final Examination.
- viii) Appointed as the Evaluator and Scrutinizer of Answer scripts of TDC Semester Examination.