

**Dr. SK.SAHANAWAZ ALAM**  
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Garhbeta College  
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**Academic Qualification:**

- Ph.D, Kalyani University in 2014
- M.Sc, Vidyasagar University in 2007
- B.Sc. Burdwan University in 2005
- Advance Laboratory Technology Course from W.B Technical Education

**Employment History:**

- August, 2019 to till date: Assistant Professor at Garhbeta College, Govt of West Bengal
- January, 2019 to July, 2019: Assistant Registrar at West Bengal university of Health Sciences (WBUHS), Govt of West Bengal
- June, 2017 to December, 2018: Microbiologist at Malda Medical College & Hospital under WB Health Department, Govt of West Bengal
- May, 2014 to June, 2017: Research Scientist at Shalimar group
- February 2008 to April 2009: Microbiologist at West Bengal Chemical Industries Ltd.

**Quality Trainings:**

- ISO 22000: 2005 Lead Auditor training from IRCA
- ISO 22000: 2005 Food safety Internal audit
- ISO 17025 ,NABL Internal audit
- HACCP internal audit & certification training
- Training on Advanced Laboratory Techniques by DST of Govt of India
- Certificate course on Intellectual Property right.
- Certificate course on Cryopreservation

**Research Experience:**

- Research Scientist -May, 2014 to June, 2017
- Junior Research Fellow (JRF) & Senior Research Fellow (SRF), Department of Biotechnology (DBT), Govt. of India. April 2011 – May, 2014
- Project Associate, Department of Science & Technology (DST), Govt. of West Bengal. August 2009 – April 2011
- Project trainee at, Department of Biotechnology, Jadavpur University. June 2007 – January, 2008

**Computer proficiency:**

- Working knowledge of computers and software packages (Microsoft Office, Adobe Photoshop, Microsoft Excell, Blast search etc) and Bioinformatics tool.

## Training and work shop:

- Workshop on introductory Bioinformatics and its genome analysis at NICED, Kolkata by ICMR.
- Workshop on Intellectual Property right by Patent Information Center.
- Workshop on Electron Microscopy by NICED and Electron Microscope Society.
- Training on Advanced Laboratory Techniques by DST of Govt of India
  
- Training on ELISA, Waste water & Sewage treatment process.
- Training on fish processing & mushroom cultivation

## Publication:

1. Transformation efficiency on E.Coli in response to different bivalent salts- Journal of Research in Biology- ISSN no-2284-0230 – 2012
2. Immunobiochemical characterization of leptin from Indian major carps-PROC.Nat.Con.Cha.Bio.Res.Man –ISBN – 978-81-927762-0-0 – 2013
3. Effect of mahua oil cake on blood parameter of carps catla catla ,labeo rohita cirrhinus mrigala- Asian academic research journal of multidisciplinary- ISSN no-2319-2801- 2013
4. Effects of water borne iron on toxicity and path physiology on Indian major carp- A review.- Global journal for research analysis- ISSN no- 2277-8160- 2014
5. Immuno biochemical characterization of native leptin from goat: serodiagnostic potentiality revealed. Advances in Animal and Veterinary Sciences – ISSN no- 2307-8316- 2014
6. Effect of Monogenean fish parasites on Indian major carp,labeo rohita with reference to abundance and pathophysiology- Global journal for research analysis- ISSN no- 2277-8160- 2014
7. Seromonitoring of Newcastle Disease in backyard poultry by indigenously developed user friendly tool:dipstick elisa.- Advances in Animal and Veterinary Sciences – ISSN no- 2307-8316- 2014
8. Study of protein profile variation in healthy and diseased black Bengal goat- Indian Journal of Biology- ISSN NO- 2455-8249-2015
9. Haringhata black chicken shows resistance to pathogenic E.Coli by high immune effector activities – Journal of experimental biology and agricultural sciences –Issn no- 2320-8694-2015
10. Detection of T and B cell Target Antigens of Fowlpox virus isolated from Backyard Chickens in India, Avian Diseases - ISSN NO-1938-4351- 2015
11. Studies on antigenic cross- reactivity of Trichuris Ovis with host mucosal antigens in goat Asian pacific journal of Tropical Disease –ISSN NO-1995-7645- 2015
12. Leptin- a pleiotropic cytokine molecule Indian Journal of Animal Health- ISSN no- 0019-5057 - 2016
13. Native breed of chick en entertains different B cell target antigens than popular breeds for protection against pathogenic E.Coli- Advances in Animal and Veterinary Sciences – ISSN no- 2307-8316- 2016
14. Elementary composition and electron microscopial studies of dirofilaria immitis.- Internal Medicine Review – Issn no- 2470-3532-2016
15. Native Leptin protein from mithun shows serodiagonostic potentiality – Indian J.Comp Microbial Immunol.infect Diseases – ISSN No- 0974-0147 – 2017
16. A study on endoparasitic and ectoparasitic fauna of snakes in Mizoram,india- Asian pacific journal of Tropical Disease –ISSN NO-1995-7645- 2017
17. Morphological and molecular characterization of Gordius,a horse hairworm recovered from cricket- Asian pacific journal of Tropical Disease –ISSN NO-1995-7645- 2017

18. Morphological study on parasitic fauna of four species of lizards in Mizoram, india.- International Journal of Applied Microbiology and Biotechnology research.- ISSN no- 2053-1818- 2017
19. Bovine hypodermosis : A review – International Journal of Advance agricultural research- ISSN No- 2053-1265 -2018
20. Recovery of ophidascaris sp. And polydelphis sp from the Indian python in aizal district of Mizoram. - Internation Journal of Applied Microbiology and Biotechnology research.- ISSN no- 2053-1818- 2018
21. Molecular characterization and pathogen detection in Amblyomma gervaisi and
22. Amblyomma varanense collected from snakes of India- Polish Polar Research- ISSN No- 0138-0338- 2020
23. Molecular Characterization of Plasmodium relictum in Four Common Bird Species in India- Pakistan J. Zool.ISSN NO- 0030-9923 -2021
24. Molecular detection of Eimeria acervulina isolated from broiler birds- Informatica- ISSN No- 0868-4952- 2021

**Seminar/ Conference:**

- Attended and presented paper more than 25 nos at National and International level seminar/conference

**Academic and Scientific Membership :**

- Life Member of The Indian Science Congress Association (ISCA), Governement of India
- Life Member of International Academy of Science and Research (IASR),India

**Awards :**

- Best Poster présentation award in scientific seminar at Indian Statistical Institute (ISI),Kolkata, 2013
- Young Scientist Award received from International Research Conference on “Recent Trends in Life Sciences” at Sidho Kanho Birsha University (SKBU),2019