

BILAL NASIR

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Personal Details

Name : Bilal Nassir
Father's Name : Nasir Mehmood
Gender : Male
Date of Birth : 05/01/1992
NIC# : 34201-3116437-1
Marital Status : Single
Nationality : Pakistani
Domicile : Gujrat, Punjab, Pakistan.
Language : English, Urdu, Panjabi, Hind-Ku, Sarai-Ki

Academic Qualification

Degree	Major subjects	Institute/ Board	Year
M.Phil. (Zoology) (18 years of education)	Aquaculture, Limnology, Fish and Aquatic Toxicology, Fish Requirements, Modern Approaches to Ornithology , Cellular Biochemistry, Blood and Immunochemistry, Biochemical Regulators	University of Agriculture Faisalabad , Punjab, Pakistan	2016-2018

M.Sc. (Zoology) (16 years education)	Fisheries, Animal Cell Biology, General Genetics, Elements of Statistics and Biometry, Economic Zoology, Wildlife Management, Developmental Biology, Functional Animal Ecology, Ichthyology, General Principles of Physiology, Environmental Biology, Ethology, Environmental Impact Assessment	University of Agriculture Faisalabad , Punjab, Pakistan	2014-2016
B.Sc. 14 years education	Zoology, Botany and Chemistry	University of Gujrat, Punjab, Pakistan	2011-2014
F.sc. (Pre- Medical)	Biology, Chemistry and Physics	Board of Intermediate and secondary education Gujranwala	2009-2011
Matric	Biology, Chemistry and Physics	Board of Intermediate and secondary education Gujranwala	2007-2009

M.Phil. Thesis Title

**THE EFFECT OF INULIN IN PRACTICAL DIET FOR *L. ROHITA* JUVENILES,
WITH THE ADJECTIVE TO IMPROVE FISH HEALTH AND PRODUCTIVITY
THROUGH IMPROVING FEED QUALITY.**

M.Sc. Technical Report Title

**THE EFFECT OF ACIDIFIED DIET ON MICRO-MINERAL DIGESTIBILITY IN
LABEO ROHITA FINGERLINGS.**

Academic/Research/Administrative Experiences

- **Field Research Officer:** Fisheries Development Board, Ministry of National Food Security and Research, Islamabad, Pakistan. (July 2022- till present).
- **Research Associate:** Department of Zoology, Abbottabad University of Science & Technology AUST, Abbottabad, Khyber Pakhtunkhwa, Pakistan (2020-2022).
- **Lecturer Zoology:** Kingston Group of Collages, Faisalabad, Punjab, Pakistan. (2018-2020).
- **Research Assistant:** Fish Toxicology and Cell Biology Lab, Department of Zoology, wildlife and Fisheries, University of Agriculture Faisalabad, Punjab, Pakistan. (2016-2018).
- **Research Assistant:** Re-circulating Aquaculture System (RAS) at Fish Nutrition Lab, Department of Zoology, wildlife and Fisheries, University of Agriculture Faisalabad, Punjab, Pakistan. (2014-2016).

Professional Courses, Seminar and Trainings

- Seminar on fisheries and aquaculture Fisheries research facility, Department of Animal Sciences, Quaid-I-Azam University Islamabad Pakistan 23rd June 2019
- Workshop on Tilapia culture and breeding NARC Islamabad 5-7 March 2019
- Seminar on Earth day 22nd April, Abbottabad University of Science and Technology, Abbottabad, Pakistan (April 23rd, 2018).
- 6TH International Fisheries Symposium and EXPO-2017 Punjab fisheries, Lahore, Pakistan
- 5th international fisheries symposium Punjab fisheries Lahore, Pakistan (24-25 Feb 2015).
- Seminar on computational Modelling in biological sciences Abbottabad University of Science and Technology, Abbottabad, Pakistan (22nd January, 2018). Organized the signing of Memorandum of Understanding between Abbottabad University of Science & Technology and National Cleaner Production Centre Pakistan.
- Seminar on “Human Impact on Environment and Biodiversity” Abbottabad University of Science and Technology, Abbottabad, Pakistan (23rd October 2018)

Expertise and Skills

- Responsible for Full Lab Management.
- Responsible for all aspects of operations in fish hatchery and fish farms from induced spawning to rearing of fry until the production of edible fish.
- Expertise in induced breeding of Indian major carps (*Labeo rohita*, *Cirrhinus mrigala* and *Catla catla*) and Chinese carps (Silver carp and Grass carp).
- Bloodstock management.
- Expertise in proper regulation and functioning of (RAS) Re-circulating Aquaculture System.
- Responsible for directing maintenance program for facility and accessories.
- Multiple tours of renovated facilities and organized and attend different workshops regarding the feeding, breeding and culturing of fish.

Laboratory Skills

- Spectrophotometry
- PCR
- Gel Electrophoresis
- ELISA
- GC-MS

Field Based Skills

- Fish Tagging Techniques and Surveys
- Macro-invertebrates Sampling using Kick Nets and Surber Sampler
- Periphyton Biomass Assessment Surveys
- Terrestrial and Riparian Vegetation Surveys using the Transit Method
- Terrestrial Fauna (Mammals, Birds and Reptiles) Surveys
- Aquatic and Terrestrial Habitat Mapping
- Artificial propagation
- Water sample analysis and water quality parameters
- Toxicity assessment e.g. Heavy metals detection
- Molecular approach based study of aquatic animals, wetlab skills

I.T Skills

- Professional Working Skills on MS Excel , MS Word, MS Project, MS Power point
- Statistical programs (SPSS & R)
- Outlook & Internet Applications
- Command on multiple software.

Hobbies & Interests

- Hands on Lab and Field work.
- Seeking for Skills Enhancement Opportunities.
- Teaching & Book Reading.
- Playing Soccer, Cricket and other Indoor and Outdoor Games

Reference

Dr. Imdal Ullah Salar, PhD

Assistant professor

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University of Science & Technology
(AUST), Khyber Pakhtunkhwa, Pakistan.

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Dr. Khalid Abbas, PhD

Associate professor

Department of Zoology, Wildlife &
Fisheries University of Agriculture
Faisalabad, Punjab, Pakistan.

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