

BIO DATA

Name : **Dr. YUMNAM BEDAJIT SINGH**
Designation : **Professor**
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Academics :

Degree	Specialization	Institute/University	Year
B.F.Sc.	Fisheries Science	College of Fisheries, Lembucherra Central Agricultural University, Imphal	2003
M.F.Sc.	Fisheries Biology	Fisheries College & Research Institute, TANUVAS, Chennai	2005
Ph.D.	Fisheries Resource Management	Central Institute of Fisheries Education, Mumbai	2015
PGDAEM	Agricultural Extension Management	MANAGE, Hyderabad	2017

* ASRB- National Eligibility Test (NET) in Fisheries Science (2010)

Overseas Exposure:

Name of Fellowship	Awarding Organization	Institute
IDP-NAHEP Faculty Development Programme	ICAR, New Delhi	Asian Institute of Technology, Bangkok, Thailand

Employment:

Institution	Designation	From	To
C P Aquaculture (India) Private Limited, Red Hills, Chennai - 600 067	Technician (Hatchery Division)	10.08.2005	11.02.2007
Krishi Vigyan Kendra, Thoubal Manipur	Subject Matter Specialist (Fisheries)	12.04.2007	18.10.2016
Central Agricultural University, Imphal Manipur	Deputy Director of Instruction	19.10.2017	16.02.2022
Central Agricultural University, Imphal Manipur	Deputy Director of Instruction/ Professor	16.02.2022	18.11.2023
College of Fisheries, Lembucherra Central Agricultural University, Imphal	Professor	20.11.2023	-

Awards and Honours:

- Manipur State Merit Scholarship (1997-2000)
- ICAR Nominee for PG Admission (2003 - 2005)
- TANUVAS MFSc (Fish Biology) Topper Award - 2005
- ICAR-CIFE Institutional Fellowship for pursuing PhD (2010-13)
- IDP-NAHEP Faculty Development Programme Overseas Fellowship - 2023

Research Areas: Fish Taxonomy, Fish Stock Assessment, Fish Biology and Diversity

Professional Trainings:

- **“Post-Harvest Fisheries Management”** at Central Institute of Fisheries Technology, Cochin during 28th January – 10th February, 2003.
- **“Office Package”** at Indian Institute of Information Technology, Imphal during 2nd September – 4th October, 2003.
- **“Packaging of Different Fish and Fish Products”** organized by Central Institute of Fisheries Technology, Cochin at ICAR Research Complex for NEH Region, Imphal during 23rd - 25th April, 2007.
- **“Orientation Programme”** at ICAR Research Complex for NEH Region, Imphal during 28th May - 1st June, 2007.
- HRD programme on **“Recent Advances and Technologies for Fisheries Development in the Northeastern region for KVK Staff”** organized by CIFRI, Barrakpore and Zonal Coordinating Unit, Barapani during 4th - 6th July, 2007.
- ICAR sponsored short course on **“New Initiatives in Aquaculture Extension”** at CIFA, Bhubaneswar from 14th - 23rd November, 2007.
- Workshop on **“Fisheries conservation and Enhancement: Linking Researchers and Stakeholders”** organized by NBFGR, Lucknow held at Guwahati during 18th – 19th December, 2007.
- CAS Training programme on **“Advances in Aquaculture Technology”** at ICAR-CIFE, Mumbai during 8th - 28th January, 2008.
- Training on **“I.T. for Rural Development”** at State Institute of Rural Development, Porompat, Imphal during 4th – 8th February, 2008.
- Training on **“Strengthening of Agricultural Extension Personnel in Manipur”** at Central Agricultural University, Imphal during 17th – 19th March, 2008.
- Training on **“Enhancing skills in ICT based DSS for market and Agri business orientation of research and sustaining rural livelihood”** at National Institute of Agricultural Extension Management, Hyderabad during 3rd – 12th November, 2008.
- Training on **“Soil and water conservation”** organized by IGNOU, New Delhi at KVK, Sylvan, Manipur during 4th – 7th May, 2009.
- Training on **“Capacity building of extension personnel of NE region with special reference to Hill Aquaculture”** organized by Directorate of Extension Education, CAU at College of Fisheries, Lembuchera, Tripura during 12th -15th October, 2011.
- Training programme on **“Capacity building on commodity future market”** organized by Institute of Cooperative Management, Imphal during 18th - 19th October, 2012.
- **“International consultative meeting on Seribiotechnology, 2012”** organized by Institute of Bioresources and Sustainable Development, Imphal, Manipur during 5th - 7th December 2012.

- Training programme on “**Coldwater Fisheries Management and Eco-tourism for Upliftment of Rural Livelihood for NEH region**” organized by Directorate of Coldwater Fisheries Research, Bhimtal during 1st - 7th February, 2013.
- Training programme on “**Capacity building of extension personnel of NE region with special reference to Diversification of Aquaculture Practices in N. E. region**” organized by College of Fisheries, Lembuchera, Tripura on 8th August, 2013.
- Training programme on “**Feed Based Aquaculture in North East Region: Status, Constraints and Potential**” organized by Central Institute of Fisheries Education, Mumbai and College of Fisheries, Lembuchera, Tripura during 11th - 12th October, 2013.
- Training programme on “**Capacity building programme for Subject Matter Specialists of KVKs in North Eastern Region**” organized by Central Institute of Fisheries Education, Mumbai during 11th – 15th February, 2014.
- Training programme on “**Prevention and control of diseases in rainbow trout**” organized by Directorate of Coldwater Fisheries Research, Bhimtal during 10th - 14th March, 2015.
- Workshop on “**Integrated online Management Information System for Agriculture Education and students**” held at College of Agriculture, Imphal during 17th - 18th January, 2017.
- Training programme on “**Integrative Taxonomy and Systematics in Freshwater Fishes**” organized by ICAR-NBFGR, Lucknow during 5th - 10th February, 2018.
- National workshop on “**Management of University Administration**” at MGU, Meghalaya during 5th – 7th March, 2018.
- “**Workshop for the Administrative Leaders of the Institutions of Higher Education**” at New Delhi from 12th - 14th February, 2018.
- **21 days summer school on “Agricultural Education, Entrepreneur and Skill Development in India”** during 27th August - 16th September, 2019.

Externally Funded Projects:

S. No	PI/ Co-PI	Title	Funding Agency	Status of Project
1	Co-PI	Potentials of Fish cum Duck farming for socio - economic development of the Weaker sections of Manipur	DST, Govt. of Manipur	Completed
2	PI	“Exploration and collection of fish germplasm resources of the Chindwin drainage in Manipur”	NBFGR, Lukhnow	Completed
3	PI	Research programme on Culture of pengba, (<i>Osteobrama belangeri</i>) along with Chinese carps.	ICAR-DCFR	Completed
4	PI	Research project on Culture of <i>Bangana devdevi</i> along with grass carp	ICAR-DCFR	Completed
5	Co-PI	Enhancing Socio economics status and livelihood security of Tribal farmers of North East Hill states through Agricultural Interventions	ICAR, New Delhi	Ongoing
6	Co-PI	Farmers FIRST Programme	ICAR. New Delhi	Ongoing
7	Co-PI	Setting up of Aquatic Animal Health Laboratory at CAU Central Farm”	NFDB, Hyderabad	Ongoing

8	PI	Exploration and characterization of Fish germplasm resources and indigenous knowledge in north eastern region of India.	NBFG, Lucknow	Ongoing
9	Assoc. Nodal Officer	IDP-NAHEP, CAU, Imphal	ICAR, New Delhi	Ongoing

Publications:

Singh, Y.B., Saha, H., Mandal, B. and Tandel, R. (2011). Indoor-Induced breeding of climbing perch *Anabas testudineus* (Bloch, 1792) by ovatide for conservation and aquaculture ***The Israeli Journal of Aquaculture***, Bamidgah, 64: 766-769.

Singh, Y.B., Venkataramani, V. K. and Neethiselvan, N. (2011). Length-Weight relationship of *Sepia prabahari* (Class: Cephalopoda) from Thoothukudi Coast, Southeast Coast of India, ***World Journal of Fish and Marine Sciences***, 4(3): 237-239.

Singh, Y.B., Singh, S.K., Saha, H., Tiwari, V.K., Das, P., and Waikhom, G. (2011). *Euryale ferox* Salisb Integration into fish pond in Manipur, India: A sustainable approach, ***African Journal of Basic and Applied Sciences***, 3 (5): 198- 200.

Saha, H., Saha, R. K., Kamilya, D., Mandal, B., Kumar, P. and **Bedajit, Y.** (2012). Low pH, dissolved oxygen and high temperature induces *Thelohanellus rohita* (Myxozoan) infestation in tropical fish *Labeo rohita* (Hamilton), ***Journal of Interacademia***, 16(3): 747-758.

Zeshmarani, S. and **Bedajit, Y.** (2012). Fish cum duck farming for Socio-Economic development of Rural People of Manipur, ***Journal of North East Foods***, 1(2): 12-14.

Bedajit, Y., Chakraborty, S.K., Deshmukhe, G., Jaiswor, A.K., Motilan, Y. and Vishwanath, W. (2013). Ichthyofaunal Diversity of Thoubal River, Manipur, India, ***NeBIO***, 4(4): 65-67.

Motilan, Y., **Bedajit, Y.** and Vishwanath, W. (2014). Captive breeding of endangered Barb *Pethia manipurensis* (Menon et. al, 2000) by oral delivery of gonadotropic signaling molecular analogue WOVA-FH, ***International Journal of Scientific Research and Publication***, 4(1): 1-4.

Motilan, Y., **Bedajit, Y.** and Vishwanath, W. (2014). Induced Breeding of Giant Zebra Fish *Devario acquipinnatus* (Mc Clelland, 1839) for conservation of species and sustainable utilization, ***NeBIO***, 4(5): 75-77.

Motilan, Y., **Bedajit, Y.** and Vishwanath, W. (2014). Induced Breeding of Giant Zebra Fish *Devario acquipinnatus* (Mc Clelland, 1839) by Oral Delivery of Synthetic Gonadotropin Releasing Hormone Analogue (SALMON-Gn-RhA) GONOPRO-FH, ***International Journal of Scientific Research***, 3(1): 502-503.

Bedajit, Y., Chakraborty, S.K., Motilan, Y., Vishwanath, W., Deshmukhe, G. and Jaiswor, A.K. (2014). Length-Weight Relationship and Condition Factor of an Endemic Carp, *Osteobrama cunma*, (Day, 1888) of Manipur. ***Fishery Technology***, 51: 64-68.

Bedajit, Y., Chakraborty, S.K., Vishwanath, W., Deshmukhe, G., Jaiswor, A.K. and Motilan, Y. (2014). Feeding habits and reproductive biology of an endemic carp, *Osteobrama cunma* (Day, 1888) of Manipur (Teleostomi: Cyprinidae), ***International Journal of Scientific Research***, 3(5): 563-65.

- Zeshmarani, S. and **Bedajit, Y.** (2016). Comparative studies in different stocking densities of duck in duck cum Fish culture in Thoubal district, Manipur. *Advances in Life Sciences* 5(4):1264-1266.
- Motilan, Y., **Bedajit, Y.**, Vishwanath, W. Hussain H.M. and Pathak, M. (2016). Captive breeding of air breathing loach, *Lepidocephalichthys berdmorei* (Blyth, 1860) for conservation of species and sustainable utilization. *Journal of Applied Zoological Research*, 27(1): 29-32.
- Ramananda, Y., **Bedajit, Y.**, Vishwanath, W., 2018. *Devario heirokensis* a new Danionine Fish species from Manipur, Northeast India (Teleostomi: Cyprinidae). *International Journal of Scientific Research and Reviews*, 7(2): 781-793.
- Saha, R.K., **Bedajit, Y.**, Saha, H. and Chakraborty, R. (2018). Breeding and seed production of catfish (Magur and Singhi). *CAU Farm Magazine*, 8(2): 6-9.
- Bedajit, Y.** (2018). The fisheries scenario of Manipur. *Fishing Chimes*, 38(1&2): 81-83.
- Bedajit, Y.** (2018). Rice fish rotation in valley districts of Manipur. *Souvenir: CAU Regional Agri Fair 2017-2018* 45-47.
- Bedajit, Y.**, Irungbam, S.K., Yumnam, R., Behera, B.K., Chimwar, W., Robindro, Th., Salam, M.A., and Saha, R.K. (2020). Reproductive biology and optimisation of hormone dosage for breeding of *Bangana devdevi* (Hora, 1936). *Journal of Krishi Vigyan*, 9(1): 260-263.
- Salam, M.A., Oinam, G., Ramananda, H., **Bedajit, Y.** and Irungbam, S.K. (2020). Potentiality of Periphyton based Aquaculture Technology in Water reed (*Schoenoplectus lactustris* Linn) - fish Environment in Manipur, India. *International Journal of Current Microbiology and Applied Science*, 11: 2074-2081.
- Bidyasagar, S., **Bedajit, Y.**, Basudha, Ch., Deshmukhe, G., Jaswar, A.K., Monalisha, S. and Waikhom, G. (2023) A pioneering assessment on the physico-chemical and health status of a small sub-tropical reservoir in North-Eastern, India. *Indian J. Animal Res.* <https://doi.org/10.18805/IJAR.B-5195>

Any other info.:

Reserved Columnist in Local Vernacular Newspaper (Hueiyen Lanpao) since 2016.

(Y. Bedajit Singh)