

FACULTY PROFILE OF DR. SUNIRMAL GIRI

DEPT. OF ZOOLOGY

BELDA COLLEGE

NAME:	DR. SUNIRMAL GIRI	
DESIGNATION:	Assistant Professor & Coordinator	
ACADEMIC QUALIFICATION:	M.Sc., Ph.D.	
DEPARTMENT:	Zoology	
MOBILE NO:	9434941288	
EMAIL ID:	giridrsunirmal@gmail.com	
PREVIOUS EMPLOYMENT:	(a) Ex-Guest Teacher in Ramnagar College (b) Ex-Guest Teacher in Nandigram Sitananda College	
TEACHING EXPERIENCE: UG:	23Years	
AREA OF TEACHING:	Zoology	
AREA OF SPECIALISATION:	Fisheries	
ADMINISTRATIVE RESPONSIBILITIES:	Member, Biodiversity Board, Narayanagarh, Paschim Medinipur. W.B.	

RESEARCH EXPERIENCE:

- i) Two years (22nd November, 2001 to 31st December, 2003) research experience as a **Senior Research Fellow** under the research project entitled “*Mangrove Ecosystem: Biodiversity and its influence on the natural recruitment of selected commercially important finfish and shellfish species in fisheries*” sanctioned by the **Indian Council of Agricultural Research (National Agricultural Technological Project)** Sanc. No. F. AED (FLP)/P – 14, dated, 24th August, 2001.
- ii) One year (14th January, 2004 to 31st December, 2004) research experience as a **Junior Research Fellow** under the research project entitled “*Water Quality Monitoring of two*

rivers Kansai and Dwarkeswar (Memo No. 2759-2k-6/2003 dated, 30.12.2003)” sanctioned by **West Bengal Pollution Control Board.**

- iii) One year (4th March, 2005 to 28th February, 2006) research experience as a **Junior Research Fellow** under the research project entitled "*Water Quality Monitoring of Three Rivers of West Bengal viz. Subarnarekha, Shilaboti and Rupnarayan*" (Sanction No. - 6626-2k- 3/2004 dated, 28.01.2005) sanctioned by **West Bengal Pollution Control Board.**

PUBLICATION: (JOURNALS/BOOK CHAPTER /ARTICLES/CHAPTER)

YEAR	TITLE	JOURNAL DETAILS	ISSN/ISBN	PAGE NO
2004	Ecological Status of ‘Jamboo Island’- A Virgin Mangrove Island in South East Sundarbans, West Bengal, India.	<i>Fish Diversity in Protected Habitats. Nature Conservators</i>	ISBN: 81-900467-6-4.	8:219-239.
2004	Distribution of coliform bacteria in different estuaries of West Bengal Coast, India.	<i>Protected Habitats and Biodiversity. Nature Conservators,</i>	ISBN: 81-900467-6-4.	8::395-401.
2004	Invasive species in Sunderbans Mangrove Ecosystem, India.	<i>Protected Habitats and Biodiversity. Nature Conservators</i>	ISBN: 81-900467-6-4.	8:403-408.
2006	Ecological gradients determining the density and diversity of Rotifera in a fresh water river system of south West Bengal, India.	<i>Journal of Aquatic Biology.</i>	ISSN: 0971-4235.	21(1):21-24.
2007	Zooplanktonic Rotifers in river Kansai, West Bengal, India.	<i>Journal of Inland Fisheries Society of India.</i>	ISSN: 0379-3435.	39(2): 43-47.

2008	Studies on hydrobiological status of Kansai and Dwarkeswar river in West Bengal, India.	<i>Journal of Inland Fisheries Society of India.</i>	ISSN: 0379-3435.	40(1): 59-64.
2009	Impact of Eco-restoration on the Biodiversity of Sundarbans Mangrove Ecosystem, India.	<i>Water Air Soil Pollution:Focus.</i>	ISSN: 1567-7230.	33-38.
2012	Assessment of fishery resources in relation to some physico-chemical parameter of water in Sundarbans Mangrove Ecosystem, India.	<i>Advances in Applied Science Research.</i>	ISSN: 0976-8610.	3(4):2337-2345,
2012	Water quality assessment through the study of coliform bacteria and heavy metals of river Subarnarekha in south West Bengal, India.	<i>International Journal on Environmental Sciences</i>	ISSN: 0976-4534.	3(2): 225-232.
2021	Sea Fish Consumption is Associated Lower Risk of Diabetes Mellitus: A Cross-Sectional Study.	International Journal of Nutritional Science 6(4)	ISSN: 2690 – 0173	Page no. :1060
2022	Ecological Study of Soil of Digha Coast, Digha, Purba Medinipur, West Bengal.	Eco.Enu.& Cons.28(1)	ISSN: 0971-765X	Page no :250-254

BOOKS AUTHORED:

Title: *Mangrove Ecosystems: A manual for the assessment of Biodiversity.*

Published by Central Marine Fisheries Research Institute (ICAR),
Cochin, Kerala. Pub. No. 83. ISSN: 0972-2351.

Chapter: 4 (pp. 20-35), 5(36-82), 6(pp. 83-116), 10(pp. 150-157), 11(pp.

158-168), 12(pp. 169-171), 13(pp. 172-175) and 14(pp. 176-189).

PAPER PRESENTATIONS IN SEMINARS/CONFERENCES/WORKSHOPS/SYMPOSIA:

YEAR	TITLE OF THE SEMINAR	TITLE OF THE PAPER	STATELEVEL/ NATIONAL/ INTERNATIONAL
2004	State –of- The- Art on Conservation of Biodiversity in India with particular reference to the Himalaya.	Assessment of fishery resources in relation to some physico-chemical parameter of water in Sundarbans Mangrove Ecosystem, India	NATIONAL LEVEL
2012	Modern Trends in Research in medicinalPlants and phytochemicals	Medicinal value of Mangrove	NATIONAL LEVEL
2015	Food Habit and Cancer	Mangrove and Cancer	NATIONAL LEVEL
2017	Global Warming & Biodiversity Loss	Effect of traditional fishing on Biodiversity	NATIONAL LEVEL
2019	Coastal Zone of West Bengal is in Peril : Needs Immediate Conservation Effort	Study of Physiochemical Parameters and Faunal Diversity of Kansai River, PaschimMedinipur, West Bengal.	NATIONAL LEVEL
2019	Environmental Change: Challenges and Management	Interactive Effects of Climate Change andBiodiversity Loss on Ecosystem Functioning	NATIONAL LEVEL
2020	Covid -19 Pandemic : Nature’s Teaching To TheMankind	Effect of Covid 19 on human stress and it'simpact on marketing vegetables.	NATIONAL LEVEL

TRAINING /WORKSHOP/ SEMINARS/CONFERENCES/SYMPOSIA/ WEBINAR ATTENDED:

- i) On job training on Fish Pathology, Fisheries Economics and Management of Ornamental Aquaria held at CICFRI , Barrakpore from April 5 to 14, 1999
- ii) On job training on Industrial Fish and Fisheries held at CICFRI, Barrakpore from March 19-28, 2001.
- iii) Attended a workshop on ‘Mangrove Ecosystem and Biodiversity’ held at Central Marine Fisheries Research Institute, in April, 2002.
- iv) Attended a ‘National Seminar on Protected habitats’ held at Hardwar, Uttaranchal during 25th to 26th May, 2002.
- v) Attended a training programme on "Bioinformatics and its application" organized by Department of Biotechnology, Indian Institute of Technology, Kharagpur, during 27 - 28 September, 2002.
- vi) Attended a training programme on “Identification of Phytoplankton, Zooplankton and Ichthyoplankton” from Central Marine Fisheries Research Institute, Cochin in June – August, 2003.
- vii) Attended a workshop on ‘Vermitechnology’ held at Digha and Vidyasagar University, Midnapore during 18th to 20th September, 2003.
- viii) Attended a workshop on ‘Mangrove Ecosystem and Biodiversity’ held at Central Agricultural Research Institute, Port Blair, Andaman, during 27th October to 31st October, 2003.
- ix) Attended and paper presented in the National Seminar on “State –of- The- Art on Conservation of Biodiversity in India with particular reference to the Himalaya” Organized by Center for Research for Development & Post – Graduate Department of Environmental Science, The University of Kashmir, Shrinagar, during 22nd March to 24th March,2004.
- x) Attended the National Seminar on “Quality Assurance and Quality Management in Higher Education: A Post – Globalization Perspective”, organized by Belda College, Belda, Paschim Medinipur, West Bengal, India, sponsored by UGC during 19th – 20th January,2005.
- xi) Attended the Departmental Seminar on “Swadeshi Andolaner Satavarsher Aloy – Acharya Prafulla Chandra Roy” organized by Department of History, Belda College, Belda, Paschim Medinipur, West Bengal, India, on 28th February,2005.
- xii) Attended and paper presented in the National Seminar on “Management Challenges in Fisheries of Rivers and Associated Ecosystems-Issue and Strategies” organized by

Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120 during 16-17th April,2005.

- xiii) Attended and paper presented in the National Seminar on “Biodiversity Studies on Zooplankton” and “National Seminar on Developments in Limnology” respectively organized by Department of Zoology, Acharya Nagarjuna University during 10-12th November,2005.
- xiv) Attended the National Seminar on ‘Biosensor’ organized by Post Graduate Department of Zoology, Raja N. L. Khan Women’s’ College.
- xv) Attended and presented research paper in the State Level Seminar on ‘Biodiversity and Society’ organized by Department of Zoology, Tamralipta Mahavidyalaya, Tamluk, Purba Medinipur, West Bengal in collaboration with Gourav Guin Memorial College,
Chandrakona Road, Paschim Medinipur on 25th January, 2012
- xvi) Attended the National Seminar on ‘Modern Trends in Resaerch on Medicinal Plants and Phyto-chemicals’ organized by Dept. of Botany and Chemistry, Egra S.S.B. College, Egra, Purba Medinipur, West Bengal in collaboration with Belda College, Belda, Paschim Medinipur during 14th and 15th March,2012.
- xvii) Attended and presented research paper in the National Seminar on ‘Food Habit and Cancer’ organized by Jointly by Dept. of Zoology, Egra S.S.B. College & Belda College during 7th & 8th March, 2015,
- xviii) Attended and presented research paper in the National Seminar on ‘Global Warming & Biodiversity Loss’ organized by Jointly by Dept. of Zoology, Egra S.S.B. College & Biodiversity Management Committee, Egra, Municipality, Purba Medinipur during 15th & 16th April, 2017.
- xix) Attended and presented research paper in the National Seminar on ‘Coastal Zone of West Bengal is in Peril: Needs Immediate Conservation Effort’ organized by P.G. Dept. of Zoology, Egra S.S.B. College, Purba Medinipur on 8th April, 2019.
- xx) Attended and presented research paper in the National Seminar on ‘Environmental Change: Challenges and Management’ organized by Dept. of Botany, Belda College on 18th April, 2019.
- xxi) Attended and presented research paper in the National Seminar on ‘Environmental Change: Challenges and Management’ organized by Dept. of Botany, Belda College on 18th April, 2019.
- xxii) Attended the International Level Webinar on “Covid -19 Pandemic: Nature’s

Teaching to The Mankind”, organized by Department of Zoology, Belda College, W.B. in collaboration with Department of Botany, Belda College, W.B. and Department of Zoology Banaras Hindu University, U.P., India, 27th June,2020.

- xxiii) Attended the International Level Webinar on” Infection and Immunity: Physiological Aspects and Preventive Strategy”, organized by Department of Physiology, Belda College, W.B. in collaboration with Physiology in association with IQAC, Belda College, W.B., 14th August, 2020.**
- xxiv) Attended the State Level Webinar on “Ideas on Swami Vivekananda on the Responsibilities of Youth towards Society”, organized NSS Unit, Belda College in Collaboration NSS, RD,Kolkata, 13th September, 2020.**
- xxv) Attended the International e-Conference on “After the Asteroid: Earth's Comeback Story”, organized by Barrackpore Rastraguru Surendranath College, West Bengal, India, 11th October, 2020.**
- xxvi) Attended the National Level Webinar on “Biodiversity in Coral Reef Ecosystem”, organized by Flora and Fauna Asia Facebook Group., Department of Botany, Seva Bharati Mahavidyalaya, Kapgari, Jhargram, W.B. in collaboration with DRISHTICON West Bengal, India, 31st October, 2020.**
- xxvii) Attended the National Level Webinar on “Ecological restoration of degraded habitats: An approach towards biodiversity conservation”, organized by Flora and Fauna Asia Facebook Group., Department of Botany, Seva Bharati Mahavidyalaya, Kapgari, Jhargram, W.B. in collaboration with DRISHTICON West Bengal, India, 07th November,2020.**
- xxviii) Attended the National Level Webinar on “Investor Awareness Programme”, organized by Department of Commerce and Economics, Belda College, West Bengal, India, 16thJanuary, 2021.**
- xxix) Attended the National Level Webinar on “New Assessment and Accreditation Process of NAAC with special focus on the Challenges faced by Rural Colleges”, organized IQAC, Raidighi College, University of Calcutta, 27th January, 2021.**
- xxx) Attended the National Level Webinar on “Indian Biodiversity: An Overview and Conservation”, organized by Brahmananda Keshab Chandra College, Kolkata-700108,West Bengal, India, 28th January,2021.**
- xxxi) Attended the National Level Webinar on “E-Resources For Academic Excellence With Special Reference To MOOCs”, organized by Department Of Library &**

Information Science In Association With IQAC, Adusumilli Gopalakrishnaiah And Sugarcane Growers Siddhartha Degree College Of Arts And Science, (Autonomous) Vuyyuru Andhra Pradesh, 08th February,2021.

- xxxii) Attended the National Level Webinar on “NAAC Related Quality Enhancement Strategies for HEIs & Preparation of NAAC Documents”, organized Internal Quality Assurance Cell (IQAC), Belda College, 11th February, 2021.**
- xxxiii) Attended the National Level Webinar on “Modern Research and Practice: From Specific to Interdisciplinary”, organized by Department of English, Dukhulal Nibarn College., 14th February,2021.**
- xxxiv) Attended the National Level Webinar on “Teacher (Self) Development Workshop”, organized by Kids & Teens Education Research Pvt. Ltd., 18th February, 2021.**
- xxxv) Attended the National Level Webinar on ” Current Cyber Threats To Industries and Solutions”, organized by Department of Logistics , Rajagiri College of Management and Applied Science, Kakkanad, Cochin, 23rd February,2021.**
- xxxvi) Attended the National Level Webinar on “Workshop For Effective Classroom Management”, organized by Kids & Teens Education Research Pvt. Ltd., 23rd February, 2021.**
- xxxvii) Attended the National Level Webinar on ” Emerging trends in Life Sciences”, organized by Department of Botany, Baburaoji Adaskar Mahavidyalaya Kaij, Beed (MS) In association with Microbiologist Society, India, 27th February,2021.**
- xxxviii) Attended the National Level Webinar on ” Cyber Security, Law and Information Assurance”, organized by Information Science Division, Dept. of Computer and Information Science, Raiganj University, WB, India, 07th March, 2021.**
- xxxix) Attended the National Level Webinar on “Trends in Artificial Intelligence: A Modern Perspective”, organized by Wiley India, 16th March 19, 2021.**
- xl) Attended the National Level Webinar on “Creativity & Innovation Into Classroom”, organized by Kids & Teens Education Research Pvt. Ltd., 21st March, 2021.**

TEACHING EXPERIENCE:

- i) Part time / Guest lecturer in Zoology and Industrial Fish and Fisheries of Ramnagar College from 02.01.97 to 29.07 2000.**
- ii) Part time / Guest lecturer in Industrial Fish and Fisheries of Nandigram College**

from 02.11.98 to 31.10 2001.

OTHER INFORMATION:

- A)** Life member of National Environmental Science Academy, New Delhi.
- B)** Annual member of Inland Fisheries Society, Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120 from 2004-2005.
- C)** Member, Biodiversity Board, Narayangarh Block, Paschim Medinipur, West Bengal.

COMPUTER SKILL:

Completed the CITA course on computer application from the Youth Computer Training Center, Govt. of West Bengal, Midnapore.

INVITED SPEAKER:

Invited as a resource person to delivered a speech in a “Nature Study Camp” organized by Digha Science Centre and National Science Camp, National Council of Science Museums, Ministry of Human Resource Development.