

RESUME



Dr. Yashaswi Nayak

Date of Birth: 06th May 1973

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Mobile No:

9861522222

Languages:

English, Hindi and Odia
(Spoken and Written)

Contact Address:

Flat: DE 613, Arcon Retreat,
392/1772 Patia Square
Bhubaneswar, Orissa, INDIA
PIN 751031

Marital Status:

Married

EXPERIENCE:

- Presently working in Centurion University of Technology and Management as Associate Prof in Zoology since August 2019. Designated as Dean of School of Applied Sciences (SoAS) Centurion University of Technology and Management since 2020 & also assigned the position of Head of the Department of Zoology since April 2020.
- Worked with Akash Institute (Adyant +2 Science) as Biology Faculty from the period of July 2017 to February 2018
- Worked as Zoology Lecturer in KIIT +2 Science College, Patia, Bhubaneswar from the period of September 2011 to November 2016.
- Worked as guest lecturer in PG Dept of Zoology Utkal University from June 2014 to December 2014 and August 2015 to October 2015. Taught Physiology and Biodiversity.
- Worked with Triveni Academy, Bhubaneswar as Vice-Principal & Zoology and Environmental Science Lecturer from July 2007 to April 2010.
- Worked with Times College of +2 Science & Commerce, Bhubaneswar as Zoology Lecturer from August 2005 to July 2007.
- Worked as a Teacher in Seventh Day Adventist School, Surat (Gujarat) June 2002 to July 2003.
- Worked as a Teacher in Ambe Vidyalaya, Baroda (Gujarat) from June, 2000 to April, 2002.

EDUCATIONAL QUALIFICATION:

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| <ul style="list-style-type: none">• 10th from K.V., Tambaram, Chennai, CBSE in 1988 with 55%• 12th from K.V., Jalahalli, Bangalore, CBSE in 1990 with 53%• B.Sc. (Zoology), Pune University in 1994 with 68%.• M.Sc.-Ed (Life Science), Regional Institute of Education, Bhubaneswar, Utkal University in 1996 with 73%. It was an integrated course for M.Sc. & Education. | <ul style="list-style-type: none">• Diploma in Teacher's Training Education from All India Council for Management Studies, Chennai in 2000 with 68%.• Undergone a basic Computer Course (Swift India-2000) from NIIT.• Ph.D. from Utkal University in 2014. |
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ABSTRACT PUBLISHED

- Chemical and physical analysis of egg quality traits of domestic fowl and Turkey.
- Effect of storage methods on egg quality traits of layers in hot climate of Bhubaneswar.
- Egg quality traits of three native poultry species of fowl, duck and goose reared under backyard system.
- Role of earthworms, as ecosystem engineers and the most important subterranean detritivores in soil.
- Vanya cluster promotion programme of Tasar culture in Mayurbhanj- A boon to tribal farmers.
- Vermicomposting : An alternative method for organic waste management

RESEARCH SYNOPSIS:

- Ph.D. awarded 24th April 2014 in the topic **“Comparative Evaluation and Genetic Characterization of Different Poultry Eggs”** under the guidance of Prof. P. K. Mohanty at P.G. Department of Zoology Utkal University having Registration No.: 01-ENV-Sci-2009-2010.
- Undergone a Pre-Ph.D. coursework in Environmental Science for the year 2013 at P.G. Department of Botany, Utkal University, Vani Vihar, Bhubaneswar

RESEARCH PAPER PUBLICATION

- Comparative Evaluation of Egg Quality traits of Native Chicken Population of Bhubaneswar with other improved chicken breed.
Published: Indian Journal of Poultry Science (2011) 46(3):390- 395; Research Article
- Bioconversion of lignocellulosic organic wastes into nutrient rich vermicompost by Eudrilus eugeniae
L Pandit, D Sethi, SK Pattanayak, Y Nayak
Bioresource Technology Reports 12, 100580
- Influence of Phytobiotic Essential Oils on Growth Performance and Hematological Parameters of Broiler Chickens
L Samantaray, Y Nayak
Advances in Animal and Veterinary Sciences 10 (6), 1289-95
- Studies on biology, seed production & rearing of Cyprinus carpio robrofuscus (Koi carp)
G Sahoo, MK Sinha, Y Nayak
International Journal of Fisheries and Aquatic Studies 8 (2), 633-638
- The influences of black pepper, turmeric and fennel essential oils supplementation in feed on egg quality characteristics of layers
L Samantaray, Y Nayak
J. Anim. Health Prod 10 (4), 522-528
- Fly Ash Amendment for Sustainable Agriculture through Vermicomposting
S Satapathy, Y Nayak, KB Satapathy
PalArch's Journal of Archaeology of Egypt/Egyptology 17 (9), 2274-2287
- Physicochemical And Biological Properties of Chitosan Extracted from Fish Scales of Labeo Rohita
A Baral, Y Nayak, SK Das, S Dash
Journal of Survey in Fisheries Sciences 10 (2S), 1769-1780
- Effects of Black Pepper, Turmeric, and Fennel on Essential and Non-essential Chemical Contents of Egg
L Samantaray, Y Nayak
Journal of World's Poultry Research 13 (1), 61-70
- IMPACT OF GLOBAL CLIMATE CHANGE ON EXTREMOPHILIC DIVERSITY
SK Deep, B Patra, A Baral, Y Nayak, SN Pradhan
Journal of East China University of Science and Technology 65 (3), 842-853
- Chitosan Synthesis, Properties and Applications : A Review
A Baral, Y Nayak
GIS SCIENCE JOURNAL 8 (8)
- Review Article The Effectiveness of Phytobiotic Additives in Poultry Nutrition
L Samantaray, Y Nayak
Strad Research 8 (6), 424-28
- Soil Amendment with Flyash through Vermicomposting by the Action of Epigeic Earthworm
S Satapathy, Y Nayak, KB Satapathy
Annals of the Romanian Society for Cell Biology, 1990-1999
- Fish protein hydrolysate production, treatment methods and current potential uses: A review
A Das, Y Nayak, S Dash
Skin 8, 12
- EFFECT OF REARING SYSTEM IN PRODUCTION PERFORMANCE AND EGG QUALITY CHARACTERISTICS OF VANARAJA LAYERS (GALLUS GALLUS DOMESTICUS)
Y Nayak, B Samantaray, Lipsa, Biswa
International Journal of Modern Agriculture 9 (4), 332-341
- Studies on Calcium Profile of Some Locally and Commonly Consumed Food Stuff, Dhenkanal, Odisha, India
L Samantaray, Y Nayak
Indian Journal of Natural Sciences 10 (60), 24087-95
- Studies on Estimation of Phytochemicals from Plumeria rubra and Plumeria alba
L Samantaray, Y Nayak
Indian Journal of Natural Sciences 10 (60), 23207-13
- Anti-Bacterial Activity and Catalytic Degradation by Silver Nanoparticle from Plumeria rubra and Plumeria alba
L Samantaray, Y Nayak
Indian Journal of Natural Sciences 10 (60), 24065-71
- Diversity and nutraceutical values of selected indigenous fishes of Odisha, India
M Jena, Y Nayak, SK Rath
Medico-Biowealth of Odisha, 137

- Studies on analysis of bone calcium content in fresh water and marine water fishes
L Samantaray, Y Nayak
Indian Journal of Natural Sciences 10 (59), 18697-18707
- Impact of mining activities on odonates diversity in adjacent villages of Balaram open cast project, Talcher, Angul, Odisha, India
U Sahoo, Y Nayak
Journal of Entomological Research 44 (3), 449-454
- Cytotoxicity of Combretum roxburghii and Terminalia bellirica against brine shrimp
Y Nayak
Medico-Biowealth of Odisha 2, 196
- Medicinal plants used for the treatment of various skin diseases in different villages of Puri district of Odisha
A Baral, A Das, Y Nayak
Medico-Biowealth of Odisha 2, 168-171
- Traditional animal based remedies: a social belief of tribals
Y Nayak
Medico-Biowealth of Odisha 2, 159-167
- Fishes involved in offering therapeutic utilities
Y Nayak
Medico-Biowealth of Odisha 2, 122-136
- Improvement of Tasar farmers' economic status in Mayurbhanj district of Odisha through cluster approach
N Kar, Y Nayak, PK Kar
Journal of Entomological Research 43 (4), 541-545
- Physico-chemical analysis of eggs of native fowl, duck and goose reared under backyard condition
Y Nayak, PK Mohanty
Ethiopian Journal of Biological Sciences 12 (2), 223-233
- The Effectiveness of Phytobiotic Additives in Poultry Nutrition
L Samantaray, Y Nayak
- Studies on Estimation of Phytochemicals from Plumeria rubra and Plumeria alba
Y Nayak
- Studies on Calcium Profile of Some Locally and Commonly Consumed Food Stuff, Dhenkanal, Odisha, India
Y Nayak
- Anti-Bacterial Activity and Catalytic Degradation by Silver Nanoparticle from Plumeria rubra and Plumeria alba
Y Nayak
- Temperature and storage period modulate the egg quality
YN SKI
International Journal of Research Culture and Society 4 (3), 198-207
- Effect of rearing sysytem in production performance and egg quality characteristics of Vanaraja layers (Gallus gallus domesticus)
YN PSLB
International Journal of Modern Agriculture 9 (4), 332-341
- Cytotoxicity of Combretum roxburghii and Terminalia bellirica against brine shrimp
RD A Panda, S Mishra, Y Nayak
Medico-Biowealth of Odisha, 196
- Egg quality traits of laying indegenous hens reared in Organic and Backyard environmental condition. Journal of Emerging Technologies and Innovative Research .6(1) 42-47 ...
PKM Yashaswi Nayak
Journal of Emerging Technologies and Innovative Research 6 (1), 42-47
- To Study the Role of Earthworms in maintaining sustainable environment by the process of Vermicomposting.
LP Yashaswi Nayak
Journal of Emerging Technologies and Innovative Research 6 (4), 424-428
- Role of Moly fish on detoxification of waste water collected from Oriplast limited Balasore Odisha.6(5)139-145. May -2019
AAD Yashaswi Nayak
Journal of Emerging Technologies and Innovative Research 6 (5), 139-145
- Adoption of Tasar culture Technologies in Mayurbhanj districts of Odisha. 8(2).3189-3201. June-2019
YN PKK N.Kar
International Journal of Scientific Research and Reviews 8 (2), 3189-3201
- Comparative analysis of egg quality traits of chicken and Turkey
YN BPB
International Journal of Research Culture and Society 8 (4), 85-89

- Studies on analysis bone calcium content in freshwater and marine water fishes
YN LS
Indian Journal of Natural Sciences 10 (59), 18697- 18707
- Effect of Propolis extract on egg quality parameters and microbial activity of Japanese quail eggs
B Nayak
Indian Journal of Natural Sciences 10 (59), 18912- 18922
- Comparative study on haematological parameters of Mugil cephalus and Catla catla
YN PM
International Journal of Creative Research Thoughts 8 (4), 2857- 2862
- Studies on analysis bone calcium content in freshwater and marine water fishes
YN LS
Indian Journal of Natural Sciences 10 (59), 18697-18707
- Effect of Propolis extract on egg quality parameters and microbial activity of Japanese quail eggs
YN BPB
Indian Journal of Natural Sciences 10 (59), 18912-18922
- Optimization, Extraction and Proximate composition analysis of gelatin from fish(Labeorohita and Catlacatla) skin and scales
YN AS
Indian Journal of Natural Sciences 10 (59), 19775-19780
- Study of Diversity of Molluscs from Puri sea beach ,Odisha India
YN RO
Indian Journal of Natural Sciences 10 (60), 25709-25725
- COMPARATIVE HAEMATOLOGICAL STUDIES OF BOTH MALE AND FEMALE RED JUNGLE FOWL (Gallusgallus)
YN KR
Indian Journal of Natural Sciences 10 (60), 25635-25638
- Effect of dietary calcium level on egg shell quality of aged laying hens housed in conventional cage
YN IN
Indian Journal of Natural Sciences 10 (60), 25606-25612
- Effect of Classical Music Stimuli on Laying Performance & Egg Quality Characteristics of Duck (Anas platyrhynchos) & Swan Geese (Anser cygnoides)
YN PD
Indian Journal of Natural Sciences 10 (60), 24072-24077
- Growth Performance Of Penaeus Monodon (Marine Water Prawn) Under Different Feeding Supplements
YN R
Indian Journal of Natural Sciences 10 (60), 24080-24086
- COMPARATIVE EVALUTION OF EGG QUALITY CHARACTERISTICS OF INDIGENOUS VARIETY OF GALLUS GALLUS DOMESTICUS
YN BPB
Indian Journal of Natural Sciences 10 (60), 24097-24103
- Induced Breeding of Gold Fish (Carassiusauratus) Using Synthetic Hormone (Ovatide) and PituitaryExtract
YN AB
Indian Journal of Natural Sciences 10 (60), 23200-23206
- Study the effect of alcohol on heart rate of chicken embryo
MPDY Nayak
Indian Journal of Natural Sciences 10 (59), 20362-20366
- Comparative analysis of nutrient and mineral content present in fresh fish Hilsa with that of dried fish.
YN S
Indian Journal of Natural Sciences 10 (60), 20383-20390
- Impact of mining activities on butterfly diversity in and around areas of Bharatpur Open Cast project Talcher Angul Odisha
YN Udaynath Sahoo
Indian Journal of Natural Sciences 10 (60), 20369-20375
- Study of Haematological Parameters of Fresh Water Fishes (Clarias batrachus and Pangasius hypophthalmus) and Marine Fishes (Mugil cephalus and Parastromateus niger)
Y Nayak
- BIOCHEMICAL EXTRACTION AND

CHARACTERIZATION OF PROTEIN
HYDROLYSATE AND TRYPSIN FROM FISH
VISCERA OF LABEO ROHITA

A Das, Y Nayak, S Dash

- Anthelmintic activity of selected plants of Odisha
R Sahoo, S Marndi, Y Nayak, S Mishra
Medico-Biowealth of Odisha, 82
- In Sillico Discovery and Evaluaton of
momordicacharantia L phytocomponents Against
Dinp Phthalates Induced Oxidative Stress Proteins
Associated with Nerodegenerative Diseases
African Journal of Biological Sciences
- A Review on- Nutraceutical and Neuroprotective
approaches of Momordica charantia L. fruits
against neurodegenerative disease
International journal of Basic and Clinical
Pharmacology
- In Sillico Discovery and Evaluation of
Momordicacharantia L. Phytocomponents against
Dinp Phthalates Induced Oxidative Stress Proteins
Associated with Neurodegenerative Diseases
Scope
- Torry Herbicide : An Extensive Examination of
Toxicity and its Effects in Freshwater Carps
- In-Silico Analysis of Bael Leaves Phyto-
Components Treatments Against Corneal Opacity
of Amur Carp (Cyprinus rubrofasciatus)
- Unravelling the Enzymatic Mechanisms
underlying phthalate Exposure : Implications for
Human and Animal Health Risk Assessment
Scope
- A comprehensive Review on : Nutraceuticals
Approaches of Momordicacharantia L. Fruits for
Neurodegenerative Disease
Scopus
- In-Silico Studies of Momordicacharantia L.
Extract as a Potential Treatment Against
Alzheimer's Disease Targeting Amyloid Beta
Protein (3NYL)

Scopus

- Elucidating earthworm growth and fecundity in
vermiculturing, and its bioefficiency in
vermicomposting.
Environment Development and Sustainability
- Bioconversion of lignocellulosic organic wastes
into nutrient rich vermicompost by Eudrilus
eugeniae
Bioresource Technology Reports

PhD Guidance : (03)

- 01.Dr. Sunita Satapathy “ Studies on Earthworm Activity, Soil metabolism and plant growth with respect to industrial fly ash of district Jharsuguda, Odisha, India” - **2021**
02. Dr. Pradip Kumar Prusty “ Studies on the exploitation of some selected protein hydrophytes in based water” - **2020**
- 03.Dr. Lopamudra Samanataray “ The effectiveness of phytobiotic additives in diet of Vanaraja (Gallus Gallus domesticus) - **2024**

Patents Published and Granted : 04

JOB RESPONSIBILITY:

- Takes care of all Administrative and Academic activities of SoAS and also conduct the M.Sc. & B.Sc. Classes.
- Taught Physiology and Biodiversity in M.Sc. part II and part I classes respectively.
- Taught Zoology in +2 Science sections
- Taught Biology and Chemistry in Secondary Sections (CBSE Schools)

HOBBIES:

- Reading Books
- Interior Decoration
- Listening Music
- Gardening

STRENGTH:

- *Hardworking
- *Sincere
- *Result Oriented

WHAT I LOOK FOR:

- Dynamic work environment
- Challenging job responsibility

DATE : 28th October 2024

PLACE: Bhubaneswar

(Yashaswi Nayak)