

Biodata

1. Name : Dr Hrushikesh Nayak
2. Designation: Asst. Professor
3. Department: Botany
4. Date of joining Service: 11.11.1999
5. Academic Qualifications

Degree / Qualifications	Board / University	Year
Post Doc	Nil	
Ph.D	Utkal University Ecophysiological studies on N ₂ - fixing cyanobacteria from rice fields of Orissa state for their use as biofertilizer.	2000
M. Phil	Utkal University, Bhubaneswar	1994
M.Sc. Botany (Cytogenetics)	Utkal University, Bhubaneswar	1991
GATE (Life Sciences)	I. I. T. - Kharagpur	1994
NET (Life Sciences)	C.S.I. R.-U.G.C.	1996
NET (Plant Physiology)	Agricultural Scientist Recruitment Board (ASRB), New Delhi	1996 1997

Work Experience : 22 years of teaching experience

Research Publications

1. Sahu, J. K.; **Nayak, H.K.** and Adhikary, S.P. 1996. Blue green algae of rice fields of Orissa state I. Distribution pattern in different agroclimatic zones. **Phykos** 35 (1&2): 93 -110
2. **Nayak, H.K.**; Sahu, J. K. and Adhikary, S.P. 1996. Blue green algae of rice fields of Orissa state II. Growth and nitrogen fixing potential. **Phykos** 35 (1&2): 111 -118
3. **Nayak, H.K.**; Sahu, J. K. and Adhikary, S.P. Screening of iron stress compatible strains of diazotrophic cyanobacteria from rice fields of orissa state, India for using as Biofertiliser. In: Subramanian, G.; Kaushik, B. D. and Venkatramman, G.S. (eds.) **Cyanobacterial Biotechnology**. Oxford & IBH Publishing Co. Pvt. Ltd, New Delhi. 1998.pp. 383-395
4. Adhikary, S.P.; **Nayak, H.K.** and Sahu, J. K. Use of region specific nitrogen fixing blue-green algae as biofertiliser in rice cultivation. In: Roy, A.K.; Dogra, J.V.V. and Varma, S.K. (eds.). **Phytodiversification and Human Welfare**, MD Publications Pvt. Ltd, New Delhi. 2001.pp.67-86
5. **Nayak, H.K.** and Adhikary, S.P. Growth, nitrogen fixation and extracellular amino acids of cyanobacteria from rice fields at different temperatures. In: Kannaiyan, S.; Kumar, K and Govindarajan, K. (eds.) **Biofertilisers Technology For Rice Based Cropping System**. Scientific Publishers (India).2001. pp 84-92
6. **Nayak, H.K.** and Adhikary, S.P. Growth response and nitrogenase activity of cyanobacteria to various environmental variables. In: Mishra, A.K. and Mohapatra U B (eds.) **Biotechnology: Microbes to Man**. 2003. 117- 149

Textbook Publications

1. **Fundamentals of Botany** Vol I
By Hrushikesh Nayak , S CHAND & Co. New Delhi
A Textbook for Higher Secondary Students **Published in 2007**
2. **Fundamentals of Botany** Vol II
S CHAND & Co. New Delhi
3. **Higher Secondary Biology** Vol I & II (chapter contribution)
Published by Text Book Bureau, Govt. of Odisha

. Papers presented in Conferences, Seminars, Workshops, Symposia:

Sl No	Title of the Paper presented	Oral/Poster/invited lecture/Plenary lecture/ Chairing session	Title of conference/ Seminar/Workshop	Organized by	Whether International/ National / State / Regional/ University/ College level
1	DNA as Genetic Material Recombinant DNA Technology	Invited lecture	Orientation Training Programmes	<i>Scheduled Castes & Scheduled Tribes Research and Training Institute, GOVERNMENT OF ODISHA</i>	State Level
2	Cyanobacteria in Pollution Control	Oral	Biotechnological Intervention for Abatement of Industrial and Mining Pollution	Dhenkanal Autonomous College	National Level

Declaration: The information furnished above is true to the best of my knowledge and belief.

Dr Hrushikesh.Nayak

