

Supervisor's Certificate

DR. AJAYA KUMAR PATRA
Ph.D., F.Z.S.I.F.I.S.E.C.F.I.P.H

Ex-Course Coordinator,
Master of Fishery Science,
(Sponsored Course) &
Ex-Director U.U., Ph. Sc.
Utkal University, Vani Vihar
Bhubaneswar - 751004



U.G.C. EMERITUS FELLOW


Former Professor
P.G. Department of Zoology
Utkal University
Bhubaneswar- 751004
Mob.: 9438621391, Fax: 0674-2587389
E-mail: ajayapatra2@gmail.com

No. :

Date :

CERTIFICATE

This is to certify that the research work embodied in the thesis entitled "*Studies on seasonal variations in biological, anatomical and biochemical aspects of some freshwater air-breathing fishes of India*" submitted by Smt. Ajanta Sarkar for the Degree of Doctor of Philosophy in Fishery Sciences at Vidyasagar University, Midnapore, West Bengal, India is an accepted original record of investigations carried out by her under my stewardship, supervision and guidance. The thesis has not only fulfilled but also met all valid standards as per the regulations laid by Vidyasagar University and the work is worthy for consideration and conferment of award of Ph. D. degree to her judiciously. It is also declared that the title of the thesis is within the area and domain of research field. Furthermore, it is well-confirmed that on such work has not been submitted for any other degree or diploma to any University or Institute whatsoever.


(PROF. Dr. A. K. PATRA) 22/09/2022
Plot No: 3334/5875
Vill: Chakeisiahani
P.O.: Rashlgarh
Bhubaneswar- 751010
Mobil No: 09438621391
e-mail ID: ajavapatra2@gmail.com

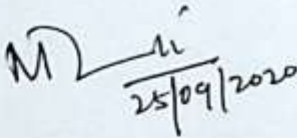


VIDYASAGAR UNIVERSITY

P.O.: MIDNAPORE, DIST.: PASCHIM MEDINIPUR, WEST BENGAL, PIN- 721102
Phone: (03222) 276554 :: 276555 :: 276557 :: 276558 :: 262297

CERTIFICATE

This is to certify that the thesis entitled '**Studies on Seasonal Variations in Biological, Anatomical and Biochemical Aspects of Some Freshwater Air-Breathing Fishes of India**' submitted for the degree of Doctor of Philosophy in the subject of Aquaculture Management & Technology of the Vidyasagar University, Midnapore, West Bengal is a faithful record of bonafide and original work carried out by **Ms. Ajanta Sarkar** under my supervision and that no part of the thesis has been submitted for any other degree or diploma or any other academic award anywhere before.


25/09/2020

(Dr. Manoj Kr. Pati)
Assistant Professor
Department of Fishery Sciences
Vidyasagar University
Midnapore - 721102, West Bengal, India