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Dr. Y. Shanti Prabha is a Senior Lecturer in the Department of Zoology at Dr. V.S. Krishna Government Degree and PG College (Autonomous). She is a distinguished academician specialized in Zoology and Fisheries. She completed her postgraduate studies at Andhra University, securing first rank and a gold medal for her exceptional performance, and later earned her Doctorate from the same university with research in the fisheries domain. Her academic excellence has been recognized with several awards, including the Nyapati Lakshmi Srinivas Iyyengar Prize and the Jayanthi Venkubai Memorial Medal. Dr. Shanti Prabha maintains an active research profile with numerous publications in reputed national and international journals, and her research interests include Zoology with special emphasis on Molecular Biology, Immunology, Medical Physiology, Nutrition, Fisheries, and Aquaculture. She has successfully guided several student research projects and currently supervises postgraduate and doctoral candidates. She adopts a student-centered teaching methodology that integrates technology, interactive learning, practical laboratory sessions, and field and educational visits. She has played a key role in designing undergraduate curricula and serves on various Boards of Studies, contributing to the development of academic programs across institutions. Dedicated to professional growth, she regularly participates in workshops, faculty development programs, and international conferences. She has also authored practical manuals and textbook chapters for the School of Distance Education at Andhra University, prepared a Bit Bank for APPGCET in advanced Zoology topics, and written a textbook on Immunology as per the APSCHE-designed syllabus. Dr. Y. Shanti Prabha is widely recognized for her academic excellence, research contributions, and unwavering commitment to education and community service.

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FOUNDATIONS OF FISHERIES SCIENCE PRACTICAL MANUAL

(Semester I, Course I – B.Sc. (Hons.) Fisheries,
as per the APSCHE-prescribed syllabus)

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By

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