



## CURRICULUM VITAE

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- 1). **Name** : **Dr. Roshmon Thomas Mathew**
- 2). **Date of Birth** : 30<sup>th</sup> May, 1983
- 3). **Sex** : Male
- 4). **Nationality** : Indian
- 5). **Marital Status** : Married
- 6). **Passport No** : F9746359  
**Place of Issue** : Trivandrum  
**Date of Issue** : 09/11/2006  
**Date of Expiry** : 08/11/2016
- 7). **Languages known** : English, Hindi, Malayalam, Tamil and  
Kannada
- 8). **Current Address** : King Faisal University  
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**10). Educational Qualifications:****B.Sc**

Year of Passing	Subjects	Percentage	Name of the University
2002-2003	Botany, Zoology, Chemistry	First Class	Kerala University, India

**M.Sc**

Year of Passing	Subject	Percentage	Name of the University
2004-2005	Marine Biology	First Class	Karnatak University, Dharwad Karnataka, India

**PhD**

Year of Registration	Subject	Year of Award	Name of the University
2006	Marine Biology	2012	Karnatak University, Dharwad Karnataka, India

**Title of the MSc Dissertation:** “Food preference study in some demersal fishes in relation to Benthos”

**Title of the PhD thesis:** “Studies on the Bird diversity in the mangrove areas of Kali and Agnashini estuaries””

**11). Work/ Research Experience:**

Name of the Office/Instt./Orgn	Post held	From	To	Nature of duties/ Experience
<b>King Faisal University,</b> Al-hasa, KSA	Assistant Professor	20-7-2014	Till date	1. Teaching at College of veterinary medicine and Animal Resources 2. Research activities at Fish Resources Research Centre
<b>Central Marine Fisheries Research Institute</b> ( Indian Council For Agriculture Research, Govt. of India) Karwar Research Centre.	Senior Research Fellow	05-6-2013	15-07-2014	1.Demonstration of open cage culture technology to different maritime states 2.Assisting in conducting Training programs on open sea cage culture to the fishermen, researchers, Post graduate students and fisheries officials from state and central agencies 3.Open sea cage culture of finfish and

				<p>Shellfish</p> <ol style="list-style-type: none"> <li>4. Maintenance of brood stock of Seabass, Red snappers, Silver pompano and cobia in open sea cage</li> <li>5. Cannular biopsy of snapper, Silver pompano, Seabass and Cobia</li> <li>6. Microbial analysis, including sample collection, enrichment and separation, spread and/or pour plating, biochemical identification, Staining of microorganisms</li> <li>7. Nursery rearing of marine fin fish, health monitoring, disease management of fish.</li> <li>8. Water and sediment sample collection and quality analysis</li> <li>9. Induced breeding in Seabass, Silver pompano, cobia and Red Snapper, Tagging, Broodstock conditioning, grading, quality control etc</li> </ol>
<p><b>Saudi Fisheries Company (Alasmak),</b> Red Sea Shrimp Farm, Al-Huraidha, KSA</p>	<p>Grow-out and Hatchery Supervisor</p>	<p>09-10-2010</p>	<p>06-04-2012</p>	<ol style="list-style-type: none"> <li>1. Planning and Implementation of shrimp culture (<i>Fenneropenaeus indicus</i>) activities of the Red sea shrimp farm.</li> <li>2. To define ,plan, organize &amp; execute production plans in Hatchery to meet the seed requirements of the farm considering the best use of available resources &amp; in the best interest of the company</li> <li>3 To organize and execute R&amp;D activities in Hatchery and Farm</li> <li>5 To coordinate with Technical department for routine maintenance of equipments, building, and machineries and shut down operations</li> </ol>
<p><b>Rajiv Gandhi Centre For Aquaculture</b> ( Marine product export development authority, Govt. Of India )</p>	<p>Assistant Technical Manager</p>	<p>02-07-2008</p>	<p>31-07-2010</p>	<ol style="list-style-type: none"> <li>1. Seabass and Mud crab larval rearing technology developments</li> <li>2. Worked as Seabass Brood stock house (RAS) in-charge ( Recirculation facility).</li> <li>3. Live feed culture maintenance ( Rotifer, Various micro-algal species, artemia biomass etc.</li> <li>4. Bacterial platings, induced breeding in seabass and mud crab, Tagging, Broodstock conditioning, grading, quality control.</li> <li>5. Quality control</li> </ol>

<p style="text-align: center;"><b>Skyline Aqua Hatcheries, Kumta, Karnatak, India</b></p>	<p style="text-align: center;">Quality Controller</p>	<p style="text-align: center;">25-05- 2005</p>	<p style="text-align: center;">15-09- 2006</p>	<ol style="list-style-type: none"> <li>1. Micro algal culture - indoor and outdoor (Chetoceros, Skelotema, Chlorella)</li> <li>2. Maintenance of pure stains of microalgae</li> <li>3. Larval rearing of <i>P. monodon</i> (Tiger shrimp)</li> <li>4. Induced maturation in shrimps</li> <li>5. Disease management for the shrimp seeds through the use of PCR tests for viral diseases such as (WSSV, HPV, MBV)</li> <li>6. Microbiological testing of shrimp seeds Water quality testing</li> </ol>
<p style="text-align: center;">Seven years of research experience in the field of Marine Ecology as part of my PhD research. Field experience in Mangrove ecosystems, Avifauna of mangroves, Off-shore cruise experiences, Marine hydrology, onboard CTD operations, Onboard Multi plankton sampling and analysis, sediment and benthic fauna analysis.</p>				

## 12. Papers published:

- ❖ Roshmon, T. & Nayak, V.N. (2012): Checklist of avifauna in the mangrove areas of Aghanashini estuarine complex, Uttara Kannada. *Ecology and Fisheries*, Vol.5(1):75-86
- ❖ Roshmon, T. & Nayak, V.N. (2012): “Avifaunal diversity in the mangrove areas of Kali and Aghanashini estuarine complex, Uttara Kannada, Karnataka, West coast of India” Proc.Nat.Conference on Science and technology for societal transformation, KSTA Souvenir & Book Of Abstracts 2012, Bangalore, Pp. 50-52
- ❖ Roshmon, T. & Nayak, V.N. 2013: “Vegetation, Benthos and Avifaunal activity as bioindicators to the health status of mangrove ecosystems along the Kali estuary, Uttara Kannada, West coast of India” Proc.Nat.Conference on Wetlands and Water , Karnataka science and Technology academy, Karwar ,2013 Pp. 146-148
- ❖ Pradnya, D. B., Kusuma, N., Salaskar, G. M & Roshmon T. (2011): *Metapograpssuss latifrons* a Violet-crab of Devbag mangrove Karwar, Karnatak, west coast of India. *World Journal of Science and Technology 1(1): 19-21*
- ❖ Roshmon, T. & Nayak, V.N. (2012): Avifaunal diversity in the mangrove areas of Kali estuary, Uttara Kannada, Karnataka, West coast of India. *In Press*
- ❖ Roshmon, T & Nayak, V.N. (2011): Netrani, A biodiversity rich island is a safe habitat for rare edible nest swiftlets. Report published in Karnataka biodiversity board News letter. Vol.1.
- ❖ Harish R, Bhat & Roshmon, T. (2013): Bird diversity in coastal ecosystems of Karnataka, In: *Mangroves of India: their biology and uses*, Zoological survey of India (ed.) Bhatt,

J.R., Ramakrishna, S. M., Remadevi O.K., Nilaratna B.P. and Venkataraman, K., xvi, 296-306.

- ❖ Philipose, K.K., Senthil, M., Divu, D., Krupesh, S., Jayashre, L., Srinivas, R., Roshmon. T., Sonali. M. and Selvakumar, N. 2014: Nursery rearing of marine finfish in hatchery systems, Cited in training manual on “*Technological advancements in the seed production of marine finfish and shellfish*” published by Central Marine Fisheries Research Institute, Mandapom regional centre. Pp. 100-102.
- ❖ Divu, D., Senthil murugan, T., Jayashre, L., Krupesh, S., Srinivas, R., Roshmon. T. and Phipose, K.K. 2014: Nursery rearing of marine high value finfish species in indoor rearing systems, Proc.Nat.Workshop on “Marine biodiversity and climate change” organized by Central Marine Fisheries Research Institute, Karwar research centre on 21-22<sup>nd</sup> May 2014.

### **13). Seminars/ Conference/ Symposium attended:**

1. Attended national symposium on “Tsunami and Uttara kannada coast” organized jointly by Uttara Kannada Zilla Vigyana Kendra and PG Centre Karwar, on 11-12<sup>th</sup> February, 2005.
2. Attended National Seminar on “Emerging trends in Tourism in the changing scenario” organized by Arts and Science College, Sadashivgad, Karwar, Karnataka, on 16-17 March 2007.
3. Presented a paper in UGC sponsored National seminar on “Emerging trends in Tourism in the changing scenario”, organized by Bapuji Grameen Vikas Samiti’s Arts and Commerce college, Sadashivgad, Karwar, Karnataka on 16-17<sup>th</sup> March 2007.
4. Attended and presented a paper in the Karnataka state archives department sponsored National seminar on “National Movement in Uttara Kannada District”, organized by Gokhale Centenary College, Ankola, Karnataka on 28-29<sup>th</sup> August 2009.
5. Attended UGC sponsored National Seminar on “Environmental challenges of 21<sup>st</sup> century- The role of Academic institutions” organized by Govt.Arts and Science college, Karwar on 17-18<sup>th</sup> October, 2008.
6. Presented Poster in 5<sup>th</sup> annual KSTA conference jointly organized by Karnataka Science and Technology Academy and Dayananda Sagar Institutions during 19-20 December 2012.
7. Presented Research paper in National conference on “Wetlands and Water” jointly organized by Karnataka Science and Technology Academy, Bangalore and Uttara kannada Jilla Vijnana Kendra held at Karwar, during 1-2 February 2013.
8. V.N. Nayak & Roshmon T. (2013): “Conservation of mangroves in Devbagh creek of Kali estuary near Karwar, Karnataka, West coast of India” Paper presented during international workshop on Mangrove conservation in India

organized by Gujrat ecology commission on July 26<sup>th</sup> and 27<sup>th</sup> at Gandhinagar, Gujrat, India

9. Presented a paper in National Workshop on “Marine biodiversity and Climate Change” organized by Karwar Research Centre of CMFRI, Karwar during 21-22<sup>nd</sup> may 2014.
10. Attended a national symposium on "Taxonomy & Biogeography" organized by Dept of Marine Biology, PG Centre, Karwar, Karnataka on 7<sup>th</sup> December 2013.

#### **14). Workshops/ Training Attended:**

1. Participated in 5 days international PCR training workshop on “Application of PCR for improved shrimp health management in Asian region” organized by NACA, MPEDA, CIBA, ACIAR, CSIRO, held at Central institute of Brackish water Aquaculture, Chennai on 17-21<sup>th</sup> October, 2005.
2. Participated in 2 days national workshop on “Western Ghats and Coastal biodiversity: Status, Threats and Conservation Strategies” held during 3<sup>rd</sup> - 4<sup>th</sup> March 2012 at Uttara Kannada Jilla Vijnana Kendra, Karwar.
3. Participated in 13 days National training programme on “Hyper spectral Remote sensing and Object Oriented image analysis” Sponsored by NNRMS, ISRO, organized by Dept of Earth Sciences, Annamalai University, Tamilnadu, on 17-29<sup>th</sup> December, 2008.
4. Participated and presented a Research paper in national workshop program sponsored by Karnataka Biodiversity Board, Bangalore on “Costal Biodiversity and Management” conducted at Karwar, Karnataka on 15-16<sup>th</sup> June 2009.
5. Participated in 2 Days workshop on “Fishing and Safety” organized by Dept of Marine Biology, Karwar, Karnatak in association with INCOIS, Hyderabad, on 11-1<sup>2th</sup> July, 2008 .

#### **15). Scholarship**

1. Received Karnatak University PhD studentship award for five years (2006-2011)

#### **16). Other Activity**

- i. Participated in one month cruise program “SAIC Tsunami buoy installation and maintenance” under ministry of Earth science project, onboard Ocean Research Vessel- Sagar Kanya(SK\_303) in February 2013 jointly organized by National centre for Antarctic Ocean Research(NCAOR) and Indian National Centre for Ocean Information service (INCOIS).

- ii. Participated in cruise program as part of project on “Potential Fishery Zone” (PFZ) onboard ORV Matsya Vishwa organized by Fishery Survey of India.
- iii. Assisted in Conducting Training programmes on “Open Sea Culture” by engaging theory and practical classes on Nursery rearing of finfishes, Growth monitoring, Stocking Density, Health monitoring, Cage maintenance etc.

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.

Yours truly,

(Roshmon Thomas Mathew)

Date: 5/02/2016

Place: Al-hasa

**References**

**1. Dr. V. N. Nayak**

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**2. Dr. K.K. Philipose,**

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