

Curriculum Vitae – Suresh Babu Cheekurthi

Address : 12-285, Gandhi Nagar, Vuyyuru, Krishna Dt, AP
Mobile : 9440689393
E mail : chsbabu008@yahoo.co.in
Date of Birth : 6th, June, 1977

Educational Qualifications

Degree	Year	University	%
Ph.D. Zoology	2017	Acharya Nagarjuna University	
M.Phil. Aquaculture specialization	2002-2004	Acharya Nagarjuna University	'A' Grade
M.Sc. Zoology		Acharya Nagarjuna University	63.5
M.Sc. Coastal Aquaculture & Marine Biotechnology	1999-2001	Andhra University	57.8
B.Ed		Acharya Nagarjuna University	

- **Qualified APSET, Life Science**

Previous Employment Details

Teaching Experience:

- **Academic Consultant (Teaching Associate) (Oct,2008 onwards):** in Dept. of Biotechnology, Krishna University, Machilipatnam, Krishna Dt. (6 academic years)
Taught Biodiversity & Taxonomy, Microbiology, Tools & techniques in Biology, Embryology, Animal Physiology, Food & industrial Biotechnology, Reproduction & transgenics, Marine Biotechnology, Ecology,
- **Degree Lecturer, (Jul,2005 – Oct,2008):** in A.G.&S.G.S. Degree Collage, Vuyyuru.
Taught Cell Biology, Aquaculture, Animal Physiology, Embryology, Type study of invertebrates.

Industrial Experience:

- **Chemist & Microbiologist (Dec,2001 - Sep,2002):** in prawn disease diagnostic & water quality analysis laboratory, *AVANTI FEED'S. Ltd.*

University Administrative and Co-Curricular Activities

1. Examinations Associate – Krishna University
 - Preparation of question paper setting formats
 - Preparation of examinations remuneration statements
 - Coding of answer booklets.
 - Attended other confidential works.
2. Incharge for Chemical Store, Lab, & Instrumentation Room (2009-2011)
3. Programme Officer NSS (National Service Scheme) (2009-2010) – Krishna University

Innovative Skills & Membership

Designed working models on

- Muscle contraction theory
- Mediated transport through plasma membrane
- Model explaining the airbladder role in vertical movements of fish

Member & Resource person, Regional Science Center (APCOST), Vijayawada

Dissertation

M.Phil. (2003, –2005)

Research Supervisor: Prof. M.Balaparameswara Rao, Department of Aquaculture, Acharya Nagarjuna University.

Title – “Impact of Some Environmental Parameters on the Opercular Beat Frequency of the Indian Major Carp *Catla catla* (Hamilton)”

Research Interests:

Marine Biotechnology, Aquaculture

List of Research Publications

1. *Balaparameswararao.M, Suresh Babu Ch*, Effect of Different Oxygen Concentrations on Opercular Beat Frequency of the Indian Major Carp, *Catla catla* . *Journal of Aquatic Biology*, 2006
2. *M. Shailender, P.V. Krishna, Suresh Babu Ch and B. Srikanth*. Impact of Diseases on the Growth and Survival of Giant Freshwater Prawn, *Macrobrachium rosenbergii* (De Man) Larvae in the Hatchery Level, *World Journal of Fish and Marine Sciences* 4 (6): 620-625, 2012.

3. **Suresh Babu Ch** and *Shailender M*, Effect of Stocking Density on Growth and Survival of Giant Tiger Prawn, *Penaeus monodon* in Estuarine Backwater Areas. *International Journal of Bio-Pharma Research*, 24,Oct,2012.
4. **Suresh Babu Ch** and *Shailender M*, Effect of Salinity and Temperature on Larval Growth and Survival of Black Tiger Shrimp *Penaeus monodon* (Fabricius) In Laboratory Conditions, *International Journal of Bio-Pharma Research*, 25,Oct,2012.
5. **Suresh Babu CH**, *Shailender M*, *Amarnath D*, *Kishor B* , Comparison on Meat Composition of Indian Major Carps (*Catla catla*, *labeo rohita*, *Cirrhinus Mrigala*) and Fresh water Cat fish (*Pangasius hypophthalmus*) under different treatments. *International journal of Research in Zoology*, 4,May,2013.
6. **Suresh Babu CH**, *Shailender M*, *Krishna PV*, Comparative study of Spawning Success in the Giant Freshwater Prawn, *Macrobrachium rosenbergii* (De Man) Broodstock by Unilateral and Bilateral eye stalk Ablation methods. *International Journal of Research in Biological Sciences*, 4,May,2013.
7. *M. Shailender*, *P.V. Krishna*, **Suresh Babu Ch** and *B. Srikanth*. Reproductive Performance and Offspring Quality of Giant Freshwater Prawn, *Macrobrachium rosenbergii* Broodstock from Different Regions. *World Journal of Fish and Marine Sciences* 4 (6): 629-636, 2012.
8. *Shailender, M*, **Suresh Babu.Ch**, *Srikanth. B*, *Bangarraju. P*, Effect of probiotics on Growth and Survival of *Penaeus monodon* (Fabricius,1798) Post larvae infected with Swollen Hindgut Syndrome (SHG) with Better Management Practices. *IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)*, Sep-oct, 2012
9. *Shailender. M*, **Suresh Babu. Ch**, *Srikanth. B*, *Kishor. B*, *Silambarasan. D*, Sustainable Culture methods of Giant Black Tiger Shrimp *Penaeus monodon* (Fabricius)in Andhra Pradesh, India. *IOSR Journal of Agriculture and Veterinary Sciences (IOSR-JAVS)*, Sep-oct, 2012.
10. *Shailender .M*, **Suresh Babu. Ch**, *Srikanth, B*, *Krishna P.V*, *Jayagopal. P*, Effect of Cyclop-Eeze on Growth and Survival of SHG (Swollen hindgut syndrome) Infected *Penaeus monodon* (fabricius, 1798) Postlarvae under Two Different stocking Densities. *IOSR Journal of Agriculture and Veterinary Sciences (IOSR-JAVS)*, Sep-oct, 2012.
11. *M. Shailender* , **Suresh Babu. Ch**, *Srikanth, B* and *Krishna, P.V* . Observations on the larval Rearing of *Macrobrachium rosenbergii* (De Man) by using Nauplii and Egg custard as a Feed in Different Combinations. *IOSR Journal of Agriculture and Veterinary Sciences (IOSR-JAVS)*, Sep-oct, 2012.
12. *Shailender, M*. *Krishna, P. V.*, **Suresh Babu, Ch.**, *Srikanth. B*, Effect of larval Stocking Density and Feeding ratio on larval Rearing of Giant Freshwater Prawn, *Macrobrachium*

Rosenbergii(de Man, 1879). *International Journal of Environmental Science*, 19,Oct,2012.

13. *Shailender M, Krishna PV, Suresh Babu CH*, Replacement of Artemia Nauplii with Different Alternative diets for larval stage development and survival of Giant Freshwater prawn, Macrobrachium Rosenbergii (De Man). *International Journal of Bioassays (IJB)*, 8,Nov,2012.
14. *Shailender M, Krishna PV, Suresh Babu CH*, Factors affecting the post larval production of Macrobrachium rosenbergii (De Man) by using different types of Feeds. *International Journal of Bioassays (IJB)*, 24,Nov,2012.
15. *Shailender M, Suresh Babu Ch, Krishna PV*, Determine the Competence of different Fresh Diets to Improve the Spermatophore Superiority of Giant black Tiger shrimp, Penaeus monodon (Fabricius,1798). *International Journal of Bioassays (IJB)*, 21,Nov,2012.
16. *Shailender M, Krishna PV, Suresh Babu Ch*, Effect of Probiotic on Growth and survival of post larvae of Giant Freshwater Prawn, Macrobrachium rosenbergii (De Man), *International Journal of Bioassays (IJB)*, 18,Oct,2012.
17. *Shailender M, Amarnath D, Kishor B, Suresh Babu CH*, Effect of Unilateral Eye Stalk Ablation (UEA) on the Reproductive Success of Giant Freshwater Prawn, Macrobrachium rosenbergii (De Man) in Captivity. *International Journal of Chemical and Life Sciences*, 16,Feb,2013.
18. *Shailender M, Amarnath D, Kishor B, Suresh Babu CH*, Effect of Unilateral Eyestalk Ablation in Reproductive cycle of Penaeus monodon (Fabricius) After Spawning under Laboratory Conditions. *International Journal of Chemical and Life Sciences*, 4,Jan,2013.
19. *Shailender M, Bangarraju P, Kishor B, Suresh Babu CH*, Studies on Different Levels of Nitrogen for Improved Productivity of Catla catla, Labeo rohita, Cirrhinus mrigala and Pangasius hypophthalmus under polyculture system. *International Journal of Chemical and Life Sciences*, 4,Jan,2013.
20. *Shailender M, Amarnath D, Kishor B, Suresh Babu CH*. Study on Growth and Survival of Giant Freshwater Prawn Macrobrachium rosenbergii (De Man) Larvae under different Culture systems. *International Journal of Bioassays (IJB)*, 21,Feb,2013.
21. *Shailender M, Suresh Babu CH, Krishna PV*, Recent culture methods of Giant Black Tiger Shrimp Penaeus monodon (Fabricius) in Andhra Pradesh, South India. *International Journal of Research in fisheries and Aquaculture*, 5,May,2013.

22. *Shailender M, Suresh Babu Ch, Sarmal K P, Kishor B.* Effect of Temperature and salinity on growth and survival of the giant fresh water prawn, *Macrobrachium rosenbergii* (De Man) Under captive conditions. *International Journal of Bioassays*, 2012, 01 (11), 150-155
23. *Shailender M, Suresh Babu CH, Rajagopal Reddy S.* Toxic effect of Neem, *Azadirachta indica* plant bark on growth and survival of freshwater catfish, *Pangasius hypophthalmus*. *International Journal of Toxicology and Applied Pharmacology*. 3(2), 39-43. 2013
24. *Shailender M, Suresh Babu CH, Krishna PV.* Cleavage, blastula and gastrulation mechanism in embryonic development of giant fresh water prawn, *Macrobrachium rosenbergii* (De Man, 1879). *International Journal of Research in fisheries and Aquaculture*. 3(3), 47-56. 2013
25. *Suresh Babu CH, Shailender M, Krishna PV, Kishor B* Determination of total ammonia excretion in embryo, Zoea and post larval stages of Giant fresh water prawn, *Macrobrachium rosenbergii* (de Man, 1879). *International Journal of Marine Sciences*. 2(2), 33-38. 2013.
26. *Suresh Babu CH, Shailender M, Rajagopal Reddy S, Krishna PV.* Effect of acute toxicity of Azadirachtin on the survival of freshwater cat fish, *Pangasius hypophthalmus*. *International Journal of Research in Biological Sciences*. 3(3), 112-115. 2013
27. *Suresh Babu CH, Shailender M, Krishna PV.* Effect of fertilization and artificial feed on the growth, condition factor and proximate composition of Indian major carp, *Catla catla* (Hamilton). *International Journal of Research in fisheries and Aquaculture*. 3(3), 57-62. 2013.

National and International conferences attended

- Attended to “**National conference on recent trends in aquatic biology**” organized by department of zoology, on 29th, 30th, & 31th, January 2003.
- Attended and presented a review paper entitled as “**Impact of pesticides on Aquaculture and role of probiotics to avoid the use of pesticides**” in a National seminar organized by Hindu College, Guntur. On 7th & 8th August, 2004
- Attended as a resource person at a seminar conducted by the Department of zoology and Botany, AG&SGS Degree Collge Vuyyuru, on 17, Sep, 2004.
- Attended and presented a review paper entitled as “**Nutritional importance of fish in human diet and impact of present culture practices on fish quality**” in a UGC sponsored National seminar organized by VSR & NVR College, Tenali, on 16th & 17th, November, 2005.

- Attended a national seminar on “Responsible Aquaculture Practices” organized by dept. of Aquaculture, Acharya Nagarjuna University, Guntur, on 23,24 Jan,2007.
- Presented a lecture on “**Fish lipids & rancidity problem in fish lipids**” in a regional seminar on “sustainable aquaculture” organized by Dharma Apparao College, Nuzvid, on 16th, October, 2007.
- Presented a review paper entitled as “**Impact of Xenobiotic compounds and Antibiotics on Aquatic Ecosystem**” in national seminar organized by dept. of Botany, AG&SGS Degree College, Vuyyuru, on 17,18, Aug,2007.
- Presented a review paper on “**Xenobiotic compounds**”, in National seminar conducted by department of zoology and botany, AG & SG Siddhartha arts and science Degree College, Vuyyuru.
- Attended a national seminar on “Nano Technology” organized by Dept. of Biochemistry, SRR &CVR Govt. Collge, Vijayawada, on 11th, Dec, 2009.
- Organizing member of a National Seminar on “ Lake Kolleru – The Wet Ecosystem : Conflict Between Development and Environment” organized by dept. of Biotechnology, Krishna University, Machilipatnam, on 2nd,3rd, Feb,2011.
- Attended a national seminar cum workshop on “Emerging Trends in Molecular Diagnosis” organized by dept of Biochemistry, Acharya Nagarjuna University, Guntur, on 25th, 26th, Nov, 2011.

Training Programs attended

- Completed training program on “**General bacteriology**” in Research centre of Central Institute of Fisheries Technology, Visakhapatnam. From 20-8-2001 to 5-9-2001.
- Participant in training course on “**Geographic Information System and Remote Sensing**” conducted under FAO’s TPC/ind/2902(a) on “Shrimp Health Management” in Andhra Pradesh, Hyderabad, A.P, from 19th-21th September, 2004

Personal Details

Name :	Cheekirthis Suresh Babu.
Father’s Name	Subhakara Rao
Date of birth :	6 th June 1977
Marital status :	Married
Nationality :	Indian
Permanent Residential Address:	12-285, Gandhi Nagar, Vuyyuru, Krishna Dt., AP, India
Mobile :	9440689393
Communication Skills:	English, Telugu.

References

Prof. P.S.R. Anjaneyulu
Former Head, Dept of Aquaculture
Acharya Nagarjuna University, Guntur
Moble: 9885433807

Prof M.K. Durga Prasad
Former Vice-chancellor, Krishna University, machilipatnam
Former Head, Dept. of Zoology, Acharya Nagarjuna University, Machilipatnam.
Mobile: 9848174737

Sri B.V.Rayudu
Former Principal
A.G.&S.G.S. College, Vuyyuru
Mobile: 9866222628