

Dr. Suresh Babu Cheekurthi

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Date of Birth : 6th, June

Educational Qualifications

Degree	University	%
Ph.D.	Acharya Nagarjuna University	
M.Phil.	Acharya Nagarjuna University	'A' Grade
M.Sc. Zoology	Acharya Nagarjuna University	63.5
M.Sc. Coastal Aquaculture & Marine Biotechnology	Andhra University	57.8
B.Ed	Acharya Nagarjuna University	50
APSET, Life Science	Conducted by Osmania University	Qualified 74

Previous Employment Details

Industrial Experience:

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

Teaching Experience:

- **Lecturer in Zoology, Part-time (Aug,2003 – Mar,2005):** Sri Chaitanya Junior College, Vijayawada.
- **Lecturer in Zoology, Part-time (Jun,2005 – Mar,2008):** Prasanna Junior Collge, Pamarru.
- **Lecturer (Jul,2005 – Oct,2008):** Department of Zoology, A.G.&S.G.S. Degree Collage, Vuyyuru.

Administrative and Co-Curricular Additional duties In Krishna University

1. Examinations Associate (2009-2012)
2. Incharge for Chemical Store, Lab, & Instrumentation Room (2009-2011)
3. Programme Officer, NSS (National Service Scheme) (2009-2011)
4. Asst. Coordinator - Central Library, KrU (2018-

List of Research Publications

1. Effect of Different Oxygen Concentrations on Opercular Beat Frequency of the Indian Major Carp, Catla catla Balaparameswararao.M, **Suresh Babu Ch.**, *Journal of Aquatic Biology*, 2006
2. Impact of Diseases on the Growth and Survival of Giant Freshwater Prawn, *Macrobrachium rosenbergii* (De Man) Larvae in the Hatchery Level M. Shailender, P.V. Krishna, **Suresh Babu Ch** and B. Srikanth, *World Journal of Fish and Marine Sciences* 4 (6): 620-625, 2012.
3. Reproductive Performance and Offspring Quality of Giant Freshwater Prawn, *Macrobrachium rosenbergii* Broodstock from Different Regions.M. Shailender, P.V. Krishna, **Suresh Babu Ch** and B. Srikanth. *World Journal of Fish and Marine Sciences* 4 (6): 629-636, 2012.
4. Effect of probiotics on Growth and Survival of *Penaeus monodon* (Fabricius,1798) Post larvae infected with Swollen Hindgut Syndrome (SHG) with Better Management Practices. Shailender, M, **Suresh Babu.Ch**, Srikanth. B, Bangarraju. P, *IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)*, Sep-oct, 2012
5. Sustainable Culture methods of Giant Black Tiger Shrimp *Penaeus monodon* (Fabricius)in Andhra Pradesh, India. Shailender. M, **Suresh Babu. Ch**, Srikanth. B, Kishor. B, Silambarasan. D, *IOSR Journal of Agriculture and Veterinary Sciences (IOSR-JAVS)*, Sep-oct, 2012.
6. Effect of Cyclop-Eeze on Growth and Survival of SHG (Swollen hindgut syndrome) Infected *Penaeus monodon* (fabricius, 1798) Postlarvae under Two Different stocking Densities.Shailender .M, **Suresh Babu. Ch**, Srikanth, B, Krishna P.V, Jayagopal. P, *IOSR Journal of Agriculture and Veterinary Sciences (IOSR-JAVS)*, Sep-oct, 2012.
7. Observations on the larval Rearing of *Macrobrachium rosenbergii* (De Man) by using Nauplii and Egg custard as a Feed in Different Combinations.M. Shailender , **Suresh Babu. Ch**, Srikanth, B and Krishna, P.V . *IOSR Journal of Agriculture and Veterinary Sciences (IOSR-JAVS)*, Sep-oct, 2012.
8. Effect of larval Stocking Density and Feeding ratio on larval Rearing of Giant Freshwater Prawn, *Macrobrachium Rosenbergi*(de Man, 1879). Shailender, M. Krishna, P. V., **Suresh Babu, Ch.**, Srikanth. B, *International Journal of Environmental Science*, 19,Oct,2012.
9. Effect of Stocking Density on Growth and Survival of Giant Tiger Prawn, *Penaeus monodon* in Estuarine Backwater Areas. **Suresh Babu Ch** and Shailender M, *International Journal of Bio-Pharma Research*, 24,Oct,2012.

10. *Effect of Salinity and Temperature on Larval Growth and Survival of Black Tiger Shrimp Penaeus monodon (Fabricius) In Laboratory Conditions, Suresh Babu Ch and Shailender M, International Journal of Bio-Pharma Research, 25,Oct,2012.*
11. *Replacement of Artemia Nauplii with Different Alternative diets for larval stage development and survival of Giant Freshwater prawn, Macrobrachium Rosenbergii (De Man). Shailender M, Krishna PV, Suresh Babu CH, International Journal of Bioassays (IJB), 8,Nov,2012.*
12. *Factors affecting the post larval production of Macrobrachium rosenbergii (De Man) by using different types of Feeds. Shailender M, Krishna PV, Suresh Babu CH, International Journal of Bioassays (IJB), 24,Nov,2012.*
13. *Determine the Competence of different Fresh Diets to Improve the Spermatophore Superiority of Giant black Tiger shrimp, Penaeus monodon (Fabricius,1798).Shailender M, Suresh Babu Ch, Krishna PV, International Journal of Bioassays (IJB), 21,Nov,2012.*
14. *Effect of Probiotic on Growth and survival of post larvae of Giant Freshwater Prawn, Macrobrachium rosenbergii (De Man), Shailender M, Krishna PV, Suresh Babu Ch, International Journal of Bioassays (IJB), 18,Oct,2012.*
15. *Effect of Unilateral Eye Stalk Ablation (UEA) on the Reproductive Success of Giant Freshwater Prawn, Macrobrachium rosenbergii (De Man) in Captivity. Shailender M, Amarnath D, Kishor B, Suresh Babu CH, International Journal of Chemical and Life Sciences, 16,Feb,2013.*
16. *Effect of Unilateral Eyestalk Ablation in Reproductive cycle of Penaeus monodon (Fabricius) After Spawning under Laboratory Conditions. Shailender M, Amarnath D, Kishor B, Suresh Babu CH, International Journal of Chemical and Life Sciences, 4,Jan,2013.*
17. *Studies on Different Levels of Nitrogen for Improved Productivity of Catla catla, Labeo rohita, Cirrhinus mrigala and Pangasius hypophthalmus under polyculture system. Shailender M, Bangarraju P, Kishor B, Suresh Babu CH, International Journal of Chemical and Life Sciences, 4,Jan,2013.*
18. *Study on Growth and Survival of Giant Freshwater Prawn Macrobrachium rosenbergii (De Man) Larvae under different Culture systems. Shailender M, Amarnath D, Kishor B, Suresh Babu CH. International Journal of Bioassays (IJB), 21,Feb,2013.*
19. *Comparison on Meat Composition of Indian Major Carps (Catla catla, labeo rohita, Cirrhinus Mrigala) and Fresh water Cat fish (Pangasius hypophthalmus) under different*

treatments. **Suresh Babu CH**, Shailender M, Amarnath D, Kishor B , *International journal of Research in Zoology*, 4,May,2013.

20. Comparative study of Spawning Success in the Giant Freshwater Prawn, *Macrobrachium rosenbergii* (De Man) Broodstock by Unilateral and Bilateral eye stalk Ablation methods. **Suresh Babu CH**, Shailender M, Krishna PV, *International Journal of Research in Biological Sciences*, 4,May,2013.
21. Recent culture methods of Giant Black Tiger Shrimp *Penaeus monodon* (Fabricius) in Andhra Pradesh, South India. Shailender M, **Suresh Babu CH**, Krishna PV , *International Journal of Research in fisheries and Aquaculture*, 5,May,2013.
22. Effect of Temperature and salinity on growth and survival of the giant fresh water prawn, *Macrobrachium rosenbergii* (De Man) Under captive conditions. Shailender M, **Suresh Babu Ch**, Sarmal K P, Kishor B., *International Journal of Bioassays*, 2012, 01 (11), 150-155
23. Toxic effect of Neem, *Azadirachta indica* plant bark on growth and survival of freshwater catfish, *Pangasius hypophthalmus*. Shailender M, **Suresh Babu CH**, Rajagopal Reddy S. *International Journal of Toxicology and Applied Pharmacology*. 3(2), 39-43. 2013
24. Cleavage, blastula and gastrulation mechanism in embryonic development of giant fresh water prawn, *Macrobrachium rosenbergii* (De Man, 1879). Shailender M, **Suresh Babu CH**, Krishna PV. *International Journal of Research in fisheries and Aquaculture*. 3(3), 47-56. 2013
25. Determination of total ammonia excretion in embryo, Zoea and post larval stages of Giant fresh water prawn, *Macrobrachium rosenbergii* (de Man, 1879). **Suresh Babu CH**, Shailender M, Krishna PV, Kishor B *International Journal of Marine Sciences*. 2(2), 33-38. 2013.
26. Effect of acute toxicity of Azadirachtin on the survival of freshwater cat fish, *Pangasius hypophthalmus*. **Suresh Babu CH**, Shailender M, Rajagopal Reddy S, Krishna PV. **International Journal of Research in Biological Sciences**. 3(3), 112-115. 2013
27. Effect of fertilization and artificial feed on the growth, condition factor and proximate composition of Indian major carp, *Catla catla* (Hamilton). **Suresh Babu CH**, Shailender M, Krishna PV. **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 College 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. College, 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

- Completed training program on “**General bacteriology**” at “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 : Dr. Cheekurthi Suresh Babu.
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