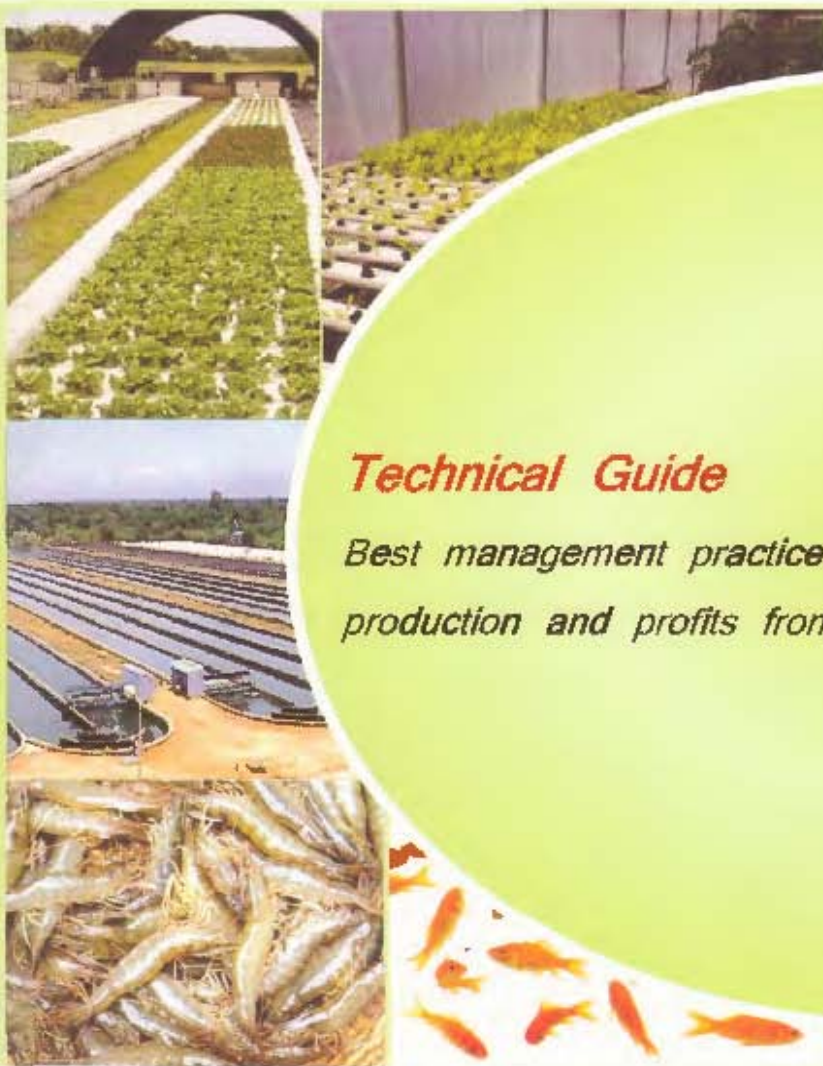


Profit on Aquaculture



Technical Guide

Best management practices for sustainable increase in production and profits from aquaculture



UAF

Uddaraju Anandaraju Foundation

27-8-21/3, Ananda House, Sivaraopeta Road,
Bhimavaram 534 202, A.P. India

T: +(91)8816272507.

www.anandarajufoundation.org



AIT

Asian Institute of Technology

P.O. Box 4, Klong Luang
Pathumthani 12120, Thailand

T: +(66 2) 516 0110 - 44

www.ait.ac.th

Health Services
Farmer Support
Community Services
Cultural Activities

Pro-poor activities
Student Support
Spiritual Activities
R&D Support



UAF

Uddaraju Anandaraju Foundation

27-8-21/3, Ananda House, Sivaraopeta Road,
Bhimavaram 534 202, A.P., India
T: +(91)8816272507.
www.anandarajufoundation.org



AIT

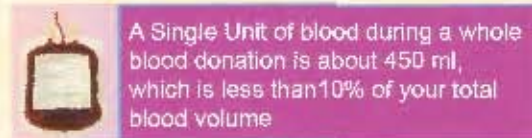
Asian Institute of Technology

P.O. Box 4, Klong Luang
Pathumthani 12120, Thailand
T: +(66 2) 516 0110 - 44
www.ait.ac.th

UDDARAJU ANANDA RAJU FOUNDATION

Born in the year 1906 at Kovvada-Annavaram village, Bhimavaram Mandal, West Godavari District, Andhra Pradesh, India, Sri **Uddaraju Ananda Raju** started business by establishing a rice mill in the year 1940. Being a follower of **Bhagavad Gita**, which he used to recite daily, he had an intense desire to serve the common man in various ways. His family members have established Uddaraju Ananda Raju Foundation in the year 1939 to bring his desires into reality.

ACTIVITIES OF THE FOUNDATION



Sponsorship

Since 1984, the trustees of the foundation have been providing Gold Medal Award to the Best Student in Academics and Athletics at Bharatiya Vidya Bhavan's International Residential Public School, Bhimavaram. Beginning from 1986, trustees of the foundation are the lead sponsor of the Annual Tennis Tournament at the Cosmopolitan Club in Bhimavaram. This event has been upgraded to the IITF (International Tennis Federation) ranking since 3 years. In 2014, the foundation has exclusively sponsored the AISTA (All India Seniors Tennis Association) Senior National Ranking Tennis Tournament at Calcutta South Club Ltd, Kolkata.

Health

The foundation has been providing free health camps for people of the West Godavari district. Free medical, eye and dental camps are conducted quite often to serve the local people of all ages. Medicines & medications are also given to people as and when needed for most of the common diseases/infections based on prescriptions from physicians. The Foundation established a water purification plant with a capacity of 5000 liters per hour at Kovvada Annavaram Village as its maiden activity. Today this water treatment plant is catering to the needs of five villages nearby. This has helped to reduce the burden of water-borne diseases in the region. The Foundation also started a Blood Bank in the year 2004. The Blood Bank is run 24/7 365 days to help "anyone, anywhere & at anytime". This Blood Bank is equipped with state-of-the-art equipment, which enables use of advanced techniques for processing/ screening of blood and its components.





Aqua-Labs

Uddaraju Ananda Raju Foundation has been engaged in socio-technical service to farmers in the East and West Godavari Districts of Andhra Pradesh (AP) for over a decade. The focus of the Foundation is on empowering the impoverished farming communities in the State by providing free technical support for their farming activities in the form of updated knowledge on advanced technologies, provision of farming inputs/consumables, testing water quality parameters, etc. Farmers are also given free advisory service by a technical team of experts. This technical service is available in ten centres in the State including Bhimavaram, Palakollu, Amalapuram, Kakinada, Akiveedu, Eluru, Kalkalur and so on.

Scholarships

The Ananda Raju Foundation awards scholarships to students studying in India covering tuition fee, at the undergraduate or postgraduate level. Hostel and other fees are not covered under the scholarship. One student per family may benefit from the scholarship, each year. Students studying diploma, part-time, correspondence or certificate courses are not eligible for scholarships. Ladies are given preference in all fields of education by the Foundation. The foundation has been providing scholarships to Medical and Engineering students in the Bhimavaram region and plans to extend this assistance to the other regions. The Foundation program provides talented young people from economically disadvantaged communities in the Bhimavaram region to have access to quality education.



Research & International Collaboration

Uddaraju Ananda Raju Foundation engages with Dept. of Science and Technology, Govt. of India for promoting Innovative Aquaculture technologies for conservation of water and safe discharge of effluents in Andhra Pradesh. Secondly, Ananda Foundation in association with Ristic AG, Germany and Blue Sensus, Germany is planning to initiate an ambitious project for promoting organic black tiger shrimp farming in West Bengal by organizing the enterprising shrimp farmers of Sunderbans and other traditional shrimp farming areas in West Bengal. In addition, the organic farming consortium formed by Ristic AG and Blue Sensus, Germany and Cameron International, India, is launching a project to set up the first fully organic scampi hatchery in India, the Lake Scampi Project, aiming to produce Green Scampi seed for stocking in the reservoirs of Maharashtra.



AIT
Asian Institute of Technology

Currently the Foundation is engaged in research collaboration with the Asian Institute of Technology, Thailand with focus on genetic improvement of tilapia cultured stocks and capacity building of Aqua-farmers in India.

ONE GREAT STEP TO A GLOBAL CAREER IN AQUACULTURE...

Opportunity for graduates in Fisheries/Aquaculture/ Life Sciences
and others for higher studies (MS/PhD/Certificate/Diploma)
in a highly rated international institute

- Over 50 years of excellence in learning and research
- Outstanding teaching and high impact research
- Overseas internship opportunities for students
- Academic and research linkages with the world's leading universities
- Strategic partnerships with international development agencies

Attractive Scholarships for outstanding international students



HIGHLY
ACCLAIMED
INTERNATIONAL
FACULTY

MULTICULTURAL
STUDENT
COMMUNITY
FROM OVER 50
COUNTRIES

GLOBAL
ALUMNI NETWORK
OF ~21000 AIT
GRADUATES



AIT

Asian Institute of Technology

Aquaculture and Aquatic Resources Management (AARM), AIT, Thailand

EXCELLENT OPPORTUNITY TO STUDY IN A TRULY INTERNATIONAL ENVIRONMENT

- Aquaculture and Aquatic Resource Systems
- Aquatic Seed Production Technology
- Genetics and Biotechnology in Aquaculture
- Aquaculture Nutrition and Feed Technology
- Inland and Coastal Aquaculture
- Industrial Aquaculture Systems
- Aquatic Health Management
- Analytical Techniques and Water Quality Management in Aquaculture
- Aquaculture Planning and Management
- Inland and Coastal Fisheries Management
- Integrated Coastal Zone Management

Contact: Dr. Salin K R, AARM, AIT

w : <http://www.serd.ait.ac.th/wpserd/aquaculture-and-aquatic-resources-management/>

E : salinkr@ait.ac.th, salinkr@hotmail.com

T : (+66-2) 524-5452

M : (+66) 888 469664, (+91) 98460 47741

FB: <https://www.facebook.com/AARM.AIT>

Preliminary application : <http://goo.gl/RhcW3t>

Applicants in final year can apply with their Transcript upto 7th Semester

Applications open every year for intake in
January and August semesters



Dr. Phan Thi Van

Dr. Phan Thi van is in charge of Research Institute of Aquaculture No 1 under Ministry of Agriculture and Rural Development in Vietnam. She obtained her MSc degree in Aquaculture from Asian Institute of Technology, Bangkok, Thailand and PhD in Epidemiology and Food Safety from Copenhagen University, Denmark. During her 20 years of working experience, focus has mainly been given to aquatic animal health, environment, Good Aquaculture Practices, Food Safety and Climate change in aquaculture; topics in which she also teaches and supervises BSc and MSc students at different universities in Vietnam. She is the author and co-author of national and international peer-reviewed papers, books and extension materials in addition to also being a reviewer herself for international peer-reviewed journals. She has been used as an expert by FAO, UNDP, OIE and others, both in and outside Vietnam (Asia, Europe, Africa and Caribbean). She has been working with donor organizations including NORAD, DANIDA, ACLAR and others mainly as national project director or team leader.



Prof. Boonsirm Withyachumnarnkul, PhD

Boonsirm Withyachumnarnkul, M.D., PhD was born in 1950 in Bangkok, Thailand; graduated M.D. from Mahidol University, Bangkok, Thailand in 1973, and PhD from University of Rochester, NY, USA in 1978. Currently he is a Professor in Department of Anatomy and Director of the Center of Excellence for Shrimp Molecular Biology and Biotechnology (*Centex Shrimp*), Faculty of Science, Mahidol University. In the University, his activities include teaching neuroscience to medical students and being supervisor to graduate students. His research activities are mainly on shrimp diseases and culture technologies. He is also a senior consultant of the Shrimp genetic Improvement Center (SGIC), an organization under the supervision of the National Genetic Engineering and Biotechnology (BIOTEC), the National Science Development Agency (NSTDA), the Ministry of Science and Industry, Thailand. He is also affiliated with the Aquatic Animal Biotechnology Research Center, Faculty of Science and Industrial Technology, Prince of Songkla University, Surat Thani campus, Thailand. Career achievements include being awarded Toray Science Foundation Award (2001) and Best Biotechnology Award (2003) of Thailand. He has produced more than 120 international publications, mostly in shrimp diseases and biotechnology.



Dr. Edoardo Pantanella

Dr Edoardo Pantanella is an Aquaponic Researcher who has recently been involved as Project Coordinator for a food security program in Myanmar funded by the Italian Ministry of Foreign Affairs (AID 9870). He is also a FAO consultant for the development of sustainable aquaculture and agricultural systems for food security in arid lands and tropical regions. Dr Pantanella has been the Manager of the Eureka Experimental Aquafarm and the Aquaponics Farm at the University of Tuscia, Italy. As a researcher he optimized the production and quality of Integrated Agriculture Aquaculture Systems (IAAS), both with freshwater and saline water. He also worked on system optimization, in assessing optimal plant and fish nutrition ratios as well as in the identification of food safety procedures for commercial aquaponic operations. Dr Pantanella has a wide experience in the design, planning and construction of aquaponics and IAAS worldwide, also with solar power. His primary objective is sustainable food production through agriculture/aquaculture system integration and low-input management with both freshwater and saline water.



Dr. K.R. Salin

Dr. K. R. Salin, Faculty at Aquaculture and Aquatic Resources Management (AARM), Asian Institute of Technology (AIT), Bangkok, Thailand is a graduate in Fisheries Science and Masters in Aquaculture from Kerala Agricultural University, India; and doctorate in Mariculture from Central Institute of Fisheries Education, Mumbai, India. His postdoctoral research was at Queensland University of Technology (QUT), Brisbane, Australia, on genetic characterization and transcriptome level studies on prawns. Later he had also been a Visiting Fellow at QUT, Brisbane. Dr. Salin's major research interests include applied genetics for improved aquatic stocks; conservation of fish stocks; and climate change effects on aquaculture and coastal resources. His experience involving aquatic resource management ranges from assessment of the stocks of seahorses along the Indian coast, shrimp hatchery management and grow-out, to the studies on inland resources in India. Current projects focus on genetic improvement of tilapia and freshwater prawn stocks in Thailand. Major awards include Best Young Scientist Award (2003), Endeavor Research Award (2009) from Government of Australia, and CREST Award (2013) from Department of Biotechnology, Ministry of Science and Technology, Govt. of India.



Dr. Udo Censkowsky

Udo Censkowsky is the Founder and Director of *Blue Sensus*-Sustainability and Seafood Consulting Group, and is specialized in the organic and sustainable seafood business (aquaculture and fisheries). While the company is newly established, Udo Censkowsky has a background of more than 25 years in the organic and sustainable food business. As one of the pioneers in the organic aquaculture movement he regularly organizes the BioFish Forum since 2004 in Nuremberg, Germany.