VENUE:
Dr. Y.V.S.Murty Auditorium
College of Engineering (A)
Andhra University, Maddilapalem
Visakhapatnam.

REGISTRATION FEE
• Students: Rs.300.00
• Research Scholars: Rs.700.00
• Delegates from the Industry: Rs 2000.00
• Indian Delegates: Rs.1500.00
• Foreign Delegates: 50$.

REGISTRATION
Participants are requested to send the
Registration fee by Demand Draft in the
favour of “Convener, RAA - 2016”
payable at Andhra Bank, A.U. Campus,
Visakhapatnam.

ACCOMODATION
Accommodation will be arranged in the
local hotels if requested in the
registration form. The approximate
tariff ranges from Rs 500 to Rs 2000
(Non-A.C and A.C)

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5. Dr. P. Janakiram, Assistant Professor

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REGISTRATION FORM
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Please fill this application form and return
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ABOUT UNIVERSITY

Andhra University is a premier Institute of higher education in India, established in the year 1926 at Visakhapatnam, Andhra Pradesh, India. The natural beauty of the University campus is breathtaking, with the spread of serene blue shaded ‘Bay of Bengal’ on one side of it and on the other, beautiful green Kailasagiri hill range. The College of Science and Technology has 21 Departments, offering 63 Courses including one PG Diploma. Andhra University, accredited by NAAC with “A” grade was one of the top ten Universities in India rated with five star status by CAREER 360 magazine in December, 2013. After being adjudged the second best state university and eighth among all universities in the country by Nielsen Survey, Andhra University got the distinction of bagging the 151st rank among more than 3,000 world universities which were considered for rankings. The Department of Marine Living Resources came into existence in 1976. Prof. S. Dutt (Late) and Prof. K. V. Ramana Murthy, were the founder faculty members. The Department is offering three Post Graduate programmes with two years duration (four semesters), M.Sc. Marine Biology and Fisheries, M.Sc. Coastal Aquaculture and Marine Biotechnology and M.Sc. Marine Biotechnology. The research courses like M.Phil. and Ph.D. are also being actively pursued.

THEME OF THE SEMINAR

Internationally it has been observed that most of the Marine and Freshwater Fisheries are being over exploited and harvested to their limit. One of the reasons for this is the tremendous growth of the world aquaculture from a less than a million tons in the 1950’s to 59.4 million metric tons by 2004 and reaching 97 million metric tonnes in 2013 with an estimated value of US$157 billion (FAO, 2015). India with a vast coast line of 8129 km, 0.5 m sq. km of continental shelf, 2.02 m Sq. Km of EEZ (Exclusive Economic Zone) is positioned at 19th among the seafood exporting countries (FAO, 2004).

Andhra Pradesh ranks the first in coastal aquaculture and freshwater aquaculture. It contributes about 40% of the total marine exports of the country with a coast line of 974 kms and 508 fishing villages, a number of reservoirs (102), lakes, perennial fish ponds, seasonal and long seasonal tanks.

Aquaculture is diverse being the fastest growing food sector with more than 350 species of finfish, molluscs, crustacean and algae. The demand for this is huge. Understanding of the biological process is essential for the development and growth of this industry. Recent research has shown that a lot is left to explore and to apply technology in improvement of the culture methods, feed production, management and manipulation of pond productivity sustainably.

Disease outbreaks are a major concern in the aquaculture industry at present. Advancement of technology has changed the way through which we identify and diagnose an outbreak. Application of gene probes, PCR (Polymerase Chain Reaction) based diagnostic methods have been developed. Microbial technology comprising of bio-fertilization, microbial process, detritus enrichment, shortening of food chain, genetic upgradation of bacterial strain, bio-filtration, waste recycling and post harvest technology hold a great promise for the sustainable development of aquaculture industry. Organic acids and probiotics are promising alternatives to antibiotics. It has been proven that they have a great potential to improve the health, regulate growth and nutrition and bring about an ecological balance in culture system via artificial mechanisms.

TOPICS TO BE COVERED

- Live feed (plankton)
- Aquaculture nutrition
- Aquaculture engineering
- Biostatistics
- Developments in hatchery management technology
- Recent management practices in shellfish and finfish culture methods
- Advantages of functional feeds and probiotics
- Microbiology and Genome based technologies
- Aquaculture disease challenges and preventive strategies
- Socio-economic issues and sustainable practices
- Sea food processing and exports

ELIGIBILITY

Faculty from Life sciences, Research Scholars, Students, Aquaculture Professionals, and Entrepreneurs are eligible to attend. The participants will be provided with a seminar kit, tea, snacks and lunch. No TA/DA will be given.

SUBMISSION OF ABSTRACTS & PAPERS

Original works and critical reviews are invited for paper and poster presentation. Authors are requested to submit the abstract of their papers not exceeding 500 words in duplicate along with a softcopy in windows format to (krameshbabu.ml@auvsp.edu.in) “Convener, RAA-2016” on or before 30-11-2016. Special session will be held for students presenting papers.