ABOUT UNIVERSITY

Andhra University was constituted in the year 1926 by the Madras Act of 1926. The College of Science and Technology has 21 Departments, which offers 63 Courses including one PG Diploma. The University has recently organized the 95th session of the Indian Science Congress, from 3rd to 7th January, 2008. The former Prime Minister of India, Dr. Manmohan Singh has inaugurated the Congress and in his address he referred to the University as a Magnificent University and has all appreciation for the way the mega event was organized. The university has been awarded “A” grade status by the NAAC in 2008 and ISO Certification. Andhra University is ranked among 10 Universities, in 5 star categories, in India by CAREERS360 Magazine. It is only multidisciplinary State University in Andhra Pradesh that is among the 5-star category Universities in India. The Department of Marine Living Resources came in to existence in 1976 and started initially with Late. Prof. S. Dutt and Prof. K. V. Ramana Murty as founder faculty members. Now, the Department is offering three Post Graduate programmes of two years duration (four semesters), M.Sc. Marine Biology and Fisheries, M.Sc. Coastal Aquaculture and Marine Biotechnology, M.Sc. Marine Biotechnology. Further research courses like M.Phil. and Ph.D. are also being actively pursued.

THEME OF THE SEMINAR

Biodiversity is now commonly defined as the variety of life in genes, species and habitats. India is one among 12 mega biodiversity countries with 25 hot spots of the richest and highly endangered eco-regions of the world. Among the Asian countries India is the only one that has a long record of inventories of coastal and marine biodiversity. In terms of marine environment India has a coast line of about 7, 517 km and exclusive economic Zone (EEZ) of 2.02 million km² adjoining the continental regions and the offshore islands and a very wide range of coastal ecosystems such as estuaries, lagoons, mangroves, back waters, salt marshes, rocky coast, sandy stretches and coral reefs which are characterized by unique biotic and abiotic factors and their properties. The coastal waters along the east and west coast of the country have plethora of marine species. The marine floral diversity included 844 species of marine algae, 14 species of sea grasses and 69 species of mangroves. The marine faunal diversity includes a wide variety of life form. The Indian coastal waters harbours 451 species of sponges more than 200 species of corals, more than 2,900 species of crustaceans, 3, 370 species of marine molluscs and 765 echinoderms, 47 species of tunicates, more than 1300 marine fishes, 26 species of sea snakes, 30 species of marine mammals.

Marine biodiversity in India is facing serious anthropogenic threats like large scale fishing, over exploitation of marine resources, pollution, physical alterations of coasts, increasing tourism constructions along the coasts leading to the degradation and loss of habitat and damage of marine biodiversity. Conservation issues of marine biodiversity are important and it encompasses a variety of socio-economic, environmental, legal, science and technological issues. India is a signatory to various international institutions and conventions related to marine environment –UNCLOS, IWC, CBD, CMS, Tuna commission etc., for proper conservation and management of marine habitats. There are various acts and rules to regulate coastal and marine activities in India like Indian fisheries act 1899, Merchant shipping act, 1974 and Environmental protection act, 1986, so on. Proper legislative measures, socio economic analysis and integrated management practices, scientific research awareness generations are some of the practices that are required to develop a sound marine biodiversity. In the context of international trade and intellectual property regimes it is important to understand the marine biodiversity of India, to enhance the knowledge and to design principles of sustainable utilization of the species that have economical value.

TOPICS TO BE COVERED

1. Marine flora and fauna,
2. Fisheries and Aquaculture
3. Estuaries and Mangrove ecosystems
4. Marine Biotechnology
5. Microbial diversity and Molecular Taxonomy.

ELIGIBILITY

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

SUBMISSION OF ABSTRACTS OF PAPERS

Original works and critical reviews are invited for paper & poster presentations. Authors are requested to submit the abstract of their papers not exceeding 300 words in a softcopy in windows 97-2003 format to “krameshmlr@gmail.com”.
REGISTRATION FEE

- Students: Rs.200.00
- Research Scholars: Rs.500.00
- Delegates Members: Rs.1000.00

REGISTRATION
Participants are requested to send the Registration fee by Demand Draft drawn in favour of “Dr. K. Ramesh Babu-Organizing Secretary-MBMCE-2015” payable at SBI, A.U. Campus, Visakhapatnam.

ACCOMMODATION
Accommodation will be arranged in the local hotels if requested in the registration form. The approximate tariff ranges from Rs. 400-800 Single/double non-A.C; Rs. 990-1590 for A.C rooms; Dormitory is also available

ORGANIZING COMMITTEE

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Vice-Chancellor, Andhra University

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4. Dr. P. Yedukondala Rao, Associate Professor

CONTACT ADDRESS
Organizing secretary (MBMCE-2015)
Dr. K. Ramesh Babu
Asst. Professor
Department of Marine Living Resources
Andhra University
Visakhapatnam-530 003
Mobile: 09440042803
Email Id: krameshmlr@gmail.com

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Department of Marine Living Resources
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