

Know Your Colleagues' Research Berhampur University



INTERNAL QUALITY ASSURANCE CELL (IQAC)

Berhampur University, Berhampur 760 007 (Odisha)


Know Your Colleagues' Research (KYCR) Lecture Series
Lecture #12

Topic: **Management of Mosquito Menace**
Day: Saturday, 2nd July, 2022 · Time: 4:00 – 5:00 pm
Venue: New Conference Hall, Berhampur University



Speaker
Dr. Tapan Kumar Barik,
Assistant Professor,
Dept. of Zoology,
Berhampur University.


Executive Summary: Mosquitoes are potential vectors of several pathogens for certain diseases like Malaria, Dengue, Chikungunya, Japanese Encephalitis, Yellow Fever, Zika Fever etc. presenting thus a notable menace to public health. Despite extensive research in the field of vaccine development for such diseases, till now, no effective vaccine is available for use and therefore, mosquito vector control remains the corner stone for the control of such vector borne diseases. The Indian vector control programme is mainly reliant on chemical insecticides. Indiscriminate use of chemical insecticides has impelled undesired toxicity on non-target life forms and the development of insecticide resistance in mosquito vectors. The alternative options for present day vector control i.e biological, phytochemical, microbial, genetic, and environmental management will be discussed.



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Know Your Colleagues' Research (KYCR) Lecture Series (Lecture #11)
Topic: **Trend and projection in integrated solid waste management and its practices in twenty-first century in India: a review**
Day: Friday, June 24 · Time: 3:00 – 4:00 pm
Google Meet joining info
Video call link: <https://meet.google.com/xov-fhuo-qxv>



Dr. Bikram Sen Sahu
Department of
Environment Studies
Berhampur
University
Berhampur-760007

Executive Summary: Integrated Solid Waste Management (ISWM) is an important challenge as well as an opportunity for the public authorities, academicians, researchers, and policy-maker. It is due to the lack of understanding about the issues related to Municipal Solid Waste Management (MSW) among different stakeholders and the cost associated with MSW management. This research work was conducted based on literature, reports and data available in public domains. India is the second-largest populated country and its recent rise in urbanization has posed many challenges in the field of MSW management. The objectives of the work are to quantify the MSW generation, treatment, and disposal rate in different states of India in recent years of the 21st century. In this work author have explained the geographical distribution of per-capita generation of MSW over different states and union territories of India taking the data available to the Central Pollution Control Board. An in- depth study on the treatment and disposal rate of MSW in different states has also been addressed in this work.
Keywords: Solid Waste Management, treated waste, landfill, waste-to-energy, per-capita waste generation



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Know Your Colleagues' Research (KYCR) Lecture Series

Lecture #13

Topic: **Ecotourism and Community Engagement for Sustainable Livelihood**

Day: Saturday, 16th July, 2022· Time: 4:00 – 5:00 pm

Venue: New Conference Hall, Berhampur University



**Dr. Iqbal Ahmad
Bhat**
Assistant Professor
Dept. of Tourism
And Travel Studies
Berhampur
University

Executive Summary: One of the most remarkable socio-economic developments of the post- World War-II era has been the global expansion of tourism industry. The paradigm of sustainable tourism has emerged, as a result of developments both internal and external to the tourism industry. Ecotourism in its essence reflects a fundamental shift in the tourism industry as it lays emphasis on low and minimal impact of tourism both on nature as well as socio-cultural spheres. The concept of ecotourism emerged in late 1980s as a result of global acknowledgement and reaction to the sustainable and ecological practices. The concept further gained currency after the United Nations General Assembly designated 2002 as the International Year of Ecotourism (IYE). According to the International Ecotourism Society (TIES), ecotourism is about uniting conservation, communities, and sustainable travel to build environmental and cultural awareness as well as respect between and within the communities. There is a growing demand of community driven ecotourism initiatives based on social entrepreneurship, especially in the third world countries. Community driven ecotourism involves a three-fold strategy as; active role of the local community in the ecotourism ventures, profit maximization with local community as the main service provider, and joint venture enterprises. The prime aim of community-based ecotourism is to establish a direct personal and cultural inter-communication and understanding between the host and guest relationship in the entire process of tourism development



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Know Your Colleagues' Research (KYCR) Lecture Series

Lecture #14

Topic: **A Critical Appraisal on New Education Policy: 2020**

Day: Saturday, 30th July, 2022· Time: 4:00 – 5:00 pm

Venue: New Conference Hall, Berhampur University



**Dr. Sharada P.
Sahoo**
Assistant Professor
Dept. of Business
Administration
Berhampur
University

Executive Summary: The new education policy has been envisaged to redefine the education eco system of the country with sharp focus on employability, skill development and bringing institutional reforms. India being the largest democracy, failed to achieve demographic dividend at the desired rate, which substantially thwarts our global visibility on innovation dimensions. This research work has paid attention to the assumptions, framework and reforms infused into the new education policy 2020 with the key challenges ahead in implementing its provisions. This work will also highlight the issues of academic bank of credit, establishment of MERU and 4 years graduation concept in India as mentioned in NEP.