BLUE ECONOMY AS AN EMERGING SECTOR OF EMPLOYMENT IN INDIA
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INTRODUCTION

The country India one of the largest developing economy in the world. The country having a talent and brain in every field but it also faces the problem of brain drain. Due to non-availability of infrastructure or right job according to education. To overcome these problems natural resources which are available abundantly in the country used for the generation of money. Blue economy means activities related to ocean, sea. It covers wide range of interlinked established and emerging sectors there are traditional top activities done through ocean water such as fisheries, tourism, marine transportation. Blue economy entails emerging industries including renewable energy, aquaculture marine – biotechnology, bio prospecting. These activities give human beings livelihood from history to present and future areas, so it becomes the emerging sector of job.

LET'S TAKE A BIRD EYE VIEW OF MEANING OF BLUE ECONOMY

According to the World Bank, “the blue economy is sustainable use of ocean resources for economic growth, improved livelihoods and jobs while preserving the health of ocean ecosystem.”

The concept similar to green economy, the blue economy model aims for improvement of human well being and social equity, while significantly reducing environmental risks and ecological scarcities.

In simple manner blue economy means “the use of the sea and its resources for sustainable economic development” Blue economy is the term is economics relating to the exploitation and preservation of the marine environment.
**History of Blue Economy**

This concept is accepted throughout the word. The agenda of United Nations on sustainable development is on sustainability and use of oceans, seas, marine resources for increasing economic benefit. As ocean covers 72% of the surface of our blue planet and constitute more than 95% of the trio sphere. During Rio + 20 submit in 2012, pacific small island developing states stated that, for them, A green economy was in fact blue economy for them.

Human beings are always use every national resources for earning livelihood and economic benefit, but marine, sea or water which is greatest part of our Planet is over look Traditionally it was used in a very compact way only for fisheries, transportation but blue economy give the momentum and it comes as an emerging sector of employment opportunities. It has great potential for boosting the economic growth and development.

Blue economy supports food security, human welfare, managing and protecting the ocean environment creation of high value jobs and diversification to address new resource of economy and also source of valuable minerals, chemicals, protein and other deep sea minerals.

**Blue Economy India Context**

The country like India is having wide area of sea and having a ocean at its three directions. India has a coast line of 1500 Km. spanning into nine maritime states and two Union Territory which plays role in sustaining growth of trade and commerce for transportation and production of oil petroleum Indian ocean is an economic hub. The economic activities in the ocean is based on the rapidly expanding industries related to ocean like maritime and coastal tourism, offshore oil and gas ship building and maritime equipment. India’ blue economy initiatives are expected to help in generating new growth nodes and which is helpful to lesson the regional imbalances.

**What makes Indian water attractive**

- a. Vast cost line of almost 7,500 Km with no immediate coastal neighborhood.
- b. India has an advantage of late comer helped by natural geography.
- c. For an offshore Trans loading zone the availability of water is a problem but can be solved by conducting such operations closer to the coast and seasonally in water.
- d. India is second largest fish producer through.
- e. Aqua cultural since 2012.

The paper is concentrating on prospects and challenges of Blue Economy. Some better prospects or pillars on which blue economy stands as a source of world’s largest economy based of gross marine products.

Following are main pillars of Blue Economy

**Fisheries and Aquaculture**

It is vital oceanic resource, provides food to hundreds of millions of people. It plays role of ensuring food security, poverty alleviation also huge potential for business opportunities. Well managed system should be there for meeting increasing demand.

**Renewable Ocean Energy**

Renewable energy sources like solar and wind are already being implemented would wide the ocean offers vast potential for renewable Blue energy from wave, tide, thermal and biomass sources. Proposed efforts are also there to bring together offshore oil and gas community to undertake a gap analysis in relation to oil and gas exploration.

**Sea Port and Shipping**

In this case regional co-operation is important for unlocking the bottlenecks to port development and maritime economy expansion in the Indian ocean. New information technology and equipment improvement of post infrastructure, and professional services.

**Offshore Hydrocarbons and Seabed Minerals**

Seabed exploration in the Indian ocean has already started exclusive economic zones of coastal nations and bay and the limits of national jurisdiction. Contains of seabed minerals represents rapidly developing opportunities for economic development.

**Marine Biotechnology**

It is the new area and having great interest and potential. New methods of aquaculture like specific breeding of species increases sustainable production, and enhance animal welfare. Another area of marine biotechnology is related to renewable energy products and processes.

**Tourism**

Marine tourism including cruise tourism is growing industry which is great contributor to the development of economy tourism gives opportunity of employment and earn foreign exchange.

India’s Exclusive economic zone extends to 2.02 Million. The India cast support about 30% of 1.25 billion Indian population and eco-systems is known for high biological productivity for rich fauna and flora.

Economic activities combination with oil and natural gas rapidly expanding ocean industries fish processing, offshore wind, port based activites to provide employment and create a new job in above mentioned area. Sea food is growing at a rate of 35% per annum and has been increasing exports of frozen shrimp and other product. States like Gujarat, Andhra Pradesh, Kerala, contributing. In 21st century global initiatives are being taken on blue economy by countries like Australia, European union, China, and also by India and many more countries are in the race of harvesting the ocean resources, and so on taking cognizance of this India redefined the maritime strategy in 2015 to expand the geographical extent to its strategic interests by including indo-pacific region in the red sea, south east Indian ocean.

**CONCLUSION**

This paper focus on the prospects of blue economy in India, hence from above it is concluded that. Indian Ocean is a new frontier for sustainable economic development alongside concerns of security issues. The existing and new multilateral trading agreements should be also9 modified and defined in a way that enables the creation of sustainable infrastructure to
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meet the demands of future economic activities. Along with all this sea treasure is the great treasure and excitement for the scientific community and research public. Ultimately the main objective of blue economy is to promote smart sustainable and inclusive growth and development opportunities within the Indian Ocean region. It initiate appropriate programs for the sustainable harnessing of ocean resources for the research and development oceanography stock assessment of marine resources introduction of long line fishing and biotechnology is the core area.

So blue economy as a seventh great source of natural source of water should be utilize for the sustainable development of economy which is still unutilized for the well being of the human being.

References
2. The annual economic report on Blue Economy of European Union.
3. Employment news – Article by A. S. Ninave
4. www.reserchgate.net
5. www.indiaenvironmetalportal.org
6. www.iora.in
7. www.undp.org
8. www.orfunline.org
10. Report of Research and Information system for Developing Countries (RIS) – Prospects of Blue economy In the Indian Ocean.

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