

SHIPPING

"News is what somebody somewhere wants to suppress; all the rest is advertising."

- Lord Northcliffe

Blue Economy-Wave 11

(Series on "Blue Economy" By Capt. Gajanan Karanjikar)

Surging of Seaborne Trade:

Sea is a cost-effective and carbon friendly mode of transportation for global trade. About 90 per cent of world trade is conducted through the sea routes. Advances in technology improved efficiency of shipping and contributed to the sustained rise in the world seaborne trade.

Demand for Alternative Sources of Energy:

The ever-increasing demand for energy for the purposes of household and industrial consumption in most parts of the world especially in India, China, Brazil and other emerging markets necessitates alternative sources of energy, most importantly the renewable energy.

Blue economy could be a major source of clean energy, where large renewable energy is not tapped. Where world economy is aspiring for clean, renewable and affordable energy supply, the blue economy is emerging as a large reservoir of such energy.

As per the estimates by the International Energy Agency, in the next 15 years the global primary energy demand would grow by 40 per cent; a substantial chunk of that would come from developing Asia and the Middle East. Resources under the blue economy initiatives can be suitably employed for development and promotion of renewable energy technologies.

Managing Coastal Urbanisation:

From different perspectives, urbanization should be considered as a positive logical transition for a country along the development path. However, unplanned urbanisation in different parts of the world have caused serious damage to the living habitat, land use pattern, spatial congestion due to migration from rural areas, spread of slums, health risks arising from poor solid waste management and a variety of governance challenges. However, uncontrolled rise of urbanisation has detrimental impact on the economy.



Capt. Gajanan Karanjikar,
Blue Economy Social Activist &
Multi Modal Logistics Expert

Improving Ocean Health:

It is imperative that the oceans are maintained in top health for us to provide whatever services are needed from them. The oceans are also connected to National water bodies which get added to the oceans and thus the health of all water bodies needs to be looked at. Whether it is pollution of marine or non-marine kind, all need to be curbed at once in order to proceed further.

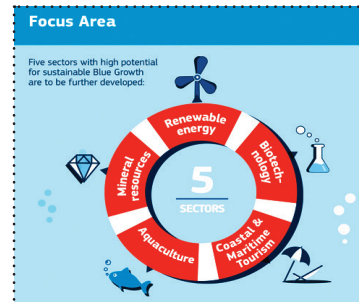
Oceans serve as the biggest sink whereas the importance of its resources for the very

sustenance of the mankind is undermined. Greenhouse gases would raise the temperature, chemistry, structure and height of the oceans which in turn would affect the ability of marine organisms to survive, the ability of the populations to persist, the evolution of species and the interaction between species.

With very little dispute, it is a fact that the oceans and the oceanic resources face the risk of extinction and secular depletion due to the rapid industrialisation, unplanned and poorly governed urbanisation, sea encroachments, water pollution, soil degradation, climate change and many other factors. As a result, the quality of marine biodiversity is getting eroded day-by-day without commensurate compensating mechanisms in place.

Providing Marine Governance:

The marine governance is a big issue as the oceans are ruled by set of regulations internationally as adopted by International Maritime Organisation and alike instruments. Marpol which has come into force in 1973 has had the biggest impact ever on ocean Governance towards its health from Marine Pollution. The best of the potential of



marine resources for socio-economic development depends on the effectiveness of marine governance both at the national and the global level. The management and control of ocean resources is the key parameter in policy initiative India will have to adopt. There is plethora of the conventions available which have been ratified by the IOR countries and India is yet to adopt few. This is a policy paralysis which would be of no use to govern and control ocean region which are being looked at adding to national Grid for the economic reasons. In addition, some regional mechanisms such as regional fishery management organisations, regional inter-governmental maritime cooperation organisations and others also cater to various aspects of marine resource governance. Providing Marine Governance. (To be continued...)

Electro Technical Officers' Course (ETO)

(Approved by Directorate General of Shipping, Govt. of India.)

ADMISSION OPEN

FEB : 2020 BATCH



Discover the attractive and challenging career in shipping

Fully Residential

The Course

This training programme prepares Electrical / Electronics Engineers to be employed in Merchant Naval Ships. The course is designed with practical demonstrations by Simulators, Audio Visual aids and valuable hands-on training.

Eligibility

1. Maximum Age Limit - 35 years.
2. A Pass in Senior Secondary Examination / +2 / or equivalent with
 - * Minimum 60% aggregate in Physics, Chemistry and Mathematics from any Government recognized board and
 - * Minimum 50% marks in English either in class X or class XII.
3. A Pass in three years Diploma with 60% marks / four years Degree with 50% marks in any one of the following:
 - * Electrical and Electronics Engineering
 - * Electronics and Telecommunication / Communication Engineering
 - * Electronics and Instrumentation or equivalent
 - * Diploma / Degree courses must have been completed in an institution recognized by any State or Central Government or by AICTE

The curriculum includes

- * 5 basic STCW courses
- * The Institute will also assist to obtain INDOs & Continuous Discharge Certificate (CDC)

Duration

4 Months

Frequency

2 Batches every year February & August

Admission ProcedurePlease visit our website www.rlins.edu.in

Contact : 98940 07317 / 73391 32159 / 94890 07317



R.L. INSTITUTE OF NAUTICAL SCIENCES

T.V.R. NAGAR, Aruppukottai Road, Madurai - 625 022

Phone : 0452 - 391 8615 / 3918614 Fax : 0452 - 391 8618

(An ISO 9001:2015 Organisation)