

Programme: M.Sc. (Marine Sciences)

Course Code: MSO 276

Title of the Course: Environmental Impact Assessment

Number of Credits: 01

Effective from AY: June 2018-19

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| Prerequisites for the course | Students who have undergone courses of semester I of Marine Sciences. | |
| Objective | This course introduces concept of environmental impact assessment. | |
| Content | Environmental impact assessment (EIA) - Nexus between development and environment – Socio-economic impacts - purposes of EIA - aid to decision-making - formulation of development actions - sustainable development - EIA in project planning and implementation - EIA process - evaluation of proposed actions - scoping EIA methodologies - impact prediction- mitigation measures - monitoring - Environment Management Plan - planning - selection of appropriate procedures. | 12 hours |
| Pedagogy | Lectures / Seminars involving presentation of environmental impact assessment studies carried out at national and international levels. | |
| References / Readings | <ol style="list-style-type: none">1. Introduction to environmental impact assessment 2005, Glasson J., Therivel R., Chadwick A, Routledge, Taylor & Francis Group, London and New York.2. Methods of Environmental Impact Assessment 2009, Morris P., Therivel R., 3rd edition, Routledge, Taylor & Francis Group, London and New York.3. Methods of Environmental Impact Assessment 2001, Morris P., Therivel R., 2nd edition, Spon Press, Taylor & Francis Group, London and New York.4. Environmental Impact Assessment 2011, Eccleston C. H., CRC Press, Taylor & Francis Group. | |
| Learning Outcomes | <ol style="list-style-type: none">1. Ability to carry out environmental impact assessment study.2. A potential candidate for recruitment in the EIA consultancy firms. | |