

## Research Initiatives:

The following R&D Centres & Centres of Excellence have been developed and research initiatives are taken up at IIT Bhubaneswar:

Sl.No.	Title	Year of Initiation
1	The Design & Innovation Centre, recently sanctioned by the MHRD, envisages inculcation of culture of innovative thinking in the budding youngsters starting from the High School level to the students of the Institute as well as the students and faculty members of some prominent Engineering and other colleges of the state through interdisciplinary projects leading to development of educational and community driven innovations	2015-16
2	An Innovation Centre for Climate Change is being developed on the coastline of Bay of Bengal with a Coastal Observatory (BoBCO), a first of its kind in the Country funded by Ministry of Earth Sciences (MoES), Govt. of India. BoBCO to investigate ocean-atmosphere-land interactions through observations, data analysis and modeling with special reference to the Bay of Bengal	2015-16
3	A Centre of Excellence for Novel Energy Materials (CENEMA) has been funded by MHRD, to develop cutting edge and futuristic materials for energy application. It focuses on development of two dimensional (2D) hybrid materials for energy storage and conversion	2014-15
4	A Centre of Excellence on probiotics has been established through generous funding by the Dr. S.K. Dash Foundation, USA to promote excellence and leadership in cutting edge research on molecular bio-science and engineering and to develop novel technologies by bringing together interdisciplinary and basic research for immediate application in health science and technology	2014-15
5	A rural Society Centric multi institutional research initiative funded by the Information Technology Research Academy (ITRA), DeitY, Govt. of India, is being executed for Improving Groundwater Levels and Quality through Enhanced Water Use Efficiency in Eastern Indian Agriculture. IIT Bhubaneswar is the lead Institute for this project. The other notable partner Institutes are IIT Kharagpur, Odisha University of Agriculture & Technology and Texas A&M University, USA	2013-14
6	Department of Agriculture and Cooperation under Ministry of Agriculture funded a research project on Development and Application of Extended Range Forecast System (ERFS) for Climate Risk Management in Agriculture	2013-14

