The Petroleum University which had been accorded as a boon to Andhra Pradesh State in India as a part of the reorganization of the State during 2014 is established under the title Indian Institute of Petroleum & Energy known as IIPE-Visakhapatnam. The motive of the organization is to well establish as an academic Institute with research potential in the area of Petroleum and Energy. Both areas have lot of potential and justification to start at Visakhapatnam as KG (Krishna Godavari) Basin is now identified as the richest potential for Oil and Natural Gas resources. As the Oil and Natural Gas resources to be explored from KG basin challenges the very tough technology due to the phenomenally different Bay of Bengal. Now is the high time to explore new inventions of technology for exploring the same very comfortably.