Defence Seminar	
Seminar Title	: Balancing Energy Poverty and Climate Change: Perspectives from the Developing Countries of Asia and Africa
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Venue	: HS Seminar Room
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Abstract	The current research draws a comparative analysis between the Asian and the African developing countries is several aspects related to energy poverty and climate change mitigation policies. Such comparative studies a novel approach in addressing the common problems and solutions specific to these regions, which together comprise of the World&rsquos largest share of the energy poor population. Comparative analyse provide a relative scale for measuring the progress and shortcomings of one area of study in terms of the other. Even though many earlier studies have compared the energy poor nations of Africa and Asia for closer look into the similarities and differences of their problems, and investigate whether they can learn from each other&rsquos best practices. The second important contribution of this research is the development of a conceptual framework that helps in identifying the synergies and trade-offs between the energy poverty alleviation and the climate change mitigation policies. In this context, special emphasis i placed in Chapter-2 on the role of governance and renewable energy. Identifying the synergies help in targeted policies to find optimum solution, whereas by identifying the trade-offs, policymakers can decide their priorities and decide on how much they are willing to sacrifice one goal for the other, if necessary. The third contribution of this thesis is the construction of an Energy Transition Index for the developing countries based on the framework of Hu et al. (2019), who framed this index for the OECD countries. Moreover, b investigating the effects of environmental policy through the channels of financial development of the developing countries. A fourth contribution is the estimation of sectoral Total Factor Energy Efficiency Score for the developing countries considered in this study. Further, although there are no studies which have examined the effects of energy efficiency on Greenhouse gas (GHG) emission, there are no studies which have eperformed threshold regression to study