

Sub-program (Target Priority Area)	1. Improvement of Economic Infrastructure
Component (CP) (Development Issues)	1-2. Enhancement of Energy Policy and Implementation
Expected Research Areas	Economic Policy Design and System Construction of Energy Field , Smart-grid Technology, Clean Coal Technology, Safe Nuclear Power Technology * Take the following "Direction of Study (Background of Component)" into account before making your research plan.
Accepting University	<p><u>Kyushu University</u> (Acceptable number of seat: 2) Interdisciplinary GS of Engineering Sciences (1) <u>International Master Program (G-30)</u> - Department of Applied Science for Electronics and Materials - Department of Molecular and Material Sciences - Department of Advanced Energy Engineering Science - Department of Energy and Environmental Engineering - Department of Earth System Science and Technology</p> <p><Available degree (s)> Master of Philosophy, Master of Engineering, Master of Science If applicants do not fulfill a regular period of school education (16 years from primary school to university), the eligibility will be assessed.</p> <p><u>Hiroshima University</u> (Acceptable number of seat: 1) GS of Humanities and Social Sciences (1) <u>Division of Humanities and Social Sciences, International Economic Development Program</u></p> <p><Available degree (s)> Master of Philosophy, Master of International Cooperation Studies, Master of Economics, Master of Business Administration If applicants do not fulfill a regular period of school education (16 years from primary school to university), the eligibility will be assessed.</p>
Target Officers	All CSS/Cadre officers and Federal Ex-Cadre officers (BPS17 and above)
Target Organizations	All Government Organizations (except Corporate Body)
Direction of Study (Background of CP)	<p>Under the long-term development plan "Vision 2025," Pakistan aims to improve productivity based on stable long-term macroeconomics and achieve an economic growth of 7% or more through stabilization of macro economy and reformation of the electric power sector and state enterprises. The installed capacity of the present electric power sector is 22,797 MW. But the valid capacity of power generation is substantially decreasing because of deterioration of existing facilities, debts of electric companies, decrease in domestic gas supply, etc. In addition, because of an increasing domestic demand for electric power and a high electric loss ratio of power transmission and distribution, the gap between electricity supply and demand reached 6,000 MW at the peak period.</p> <p>Under the country assistance policy for the Islamic Republic of Pakistan, the government of Japan thinks that improvement of the fragile economic infrastructure is essential for Pakistan's economic growth and that stabilization of the society is hindered by chronic electricity shortage. Therefore, Japan aims to provide assistance for establishing an efficient and sustainable power supply system. This component serves for a part of it. Up until now, Japan has implemented a program for development and improvement of power supply, focusing on assistance that contributes to reforming the electric power sector, including cooperation for new construction and repair of power plants and grid networks and support for operation and management of power transmission companies.</p> <p>JDS is expected to contribute to capacity development of administrative officials in charge of policy and system formulation of the energy sector, and effective implementation of relevant projects.</p>