

Name of post:	Research Associate (SPPS-IV)
SPPS Pay Scale Remuneration:	Up to Rs. 0.5 million (all inclusive)
Durations:	02 years (Extendable for another 2 years)

Job Description

1. To analyze the costs associated with fertilizer production for different manufactures, both with and without subsidy, to determine efficiency and competitiveness in the market.
2. To utilize gathered data to develop a model that forecasts future fertilizer demand based on various factors such as agricultural trends, and economic indicators.
3. Utilize time series data analysis techniques to monitor the real time impact of gas prices on domestic urea manufacturing and the demand for imported urea. Analyze the effects of natural gas price policies on fertilizer demand, production costs, and the income of the farming community, informing decision making processes related to energy and agriculture.
4. To assess the economic viability of diverting natural gas from the power sector to the fertilizer sector, considering potential impacts on both sectors and overall national development.
5. To analyze fertilizer price variation in correlation with cereal crop prices and overall food inflation in the country.
6. To study the impact of change in regulatory regimes of fertilizer market in Pakistan.
7. Comparative analysis of various fertilizer policies on domestic manufacturing in the country.
8. Analyze the current state of the fertilizer industry to identify areas for improvement in terms of availability, affordability, and optimal application of fertilizers.
9. Collaborate with relevant stakeholders such as provincial agriculture departments and the fertilizer industry to gather data on fertilizer usage patterns and trends.
10. To stay updated with the latest research in the fertilizer sector and contribute to the enhancement of knowledge by assisting the government of Pakistan with any emerging tasks or challenges in the fertilizer sector.