

Industrial Innovation Systems in Service Platform Enabled Manufacturing Specialization



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This research focuses on analyzing the critical linkages between manufacturing and services industries. Particularly, a service approach of innovation strategy, namely, the IIS (innovation intensive service) platform, is used as an enabler for the industrial specialization. The study constructs an IIS platform enabled specialization model that depicts the inter-linkages among six innovation types and eight specialization strategies. Starting from customized services, this institutional framework will enable a contextual understanding of the transition from different innovation types into different industrial specialization. The model also develops a strategic analysis by the firm-level matrix, which will help deduce critical elements of industrial environment and technological system at the industry level by strategic positioning in the firm level.

Keywords: Industrial Specialization, Innovation Intensive Service, Industrial Innovation System, Industrial Environment, Technological System