

ABSTRACT

This research is focused to understand the feasibility of establishing Science Parks in Jamshoro. In this regard this research measures the awareness level, capability and willingness of the concerned stakeholders, i.e. Universities and Industries. For conducting this research the area of Jamshoro and Hyderabad Districts are selected, because these both districts possess universities and industries. The Jamshoro is called as the Education City because of three big universities i.e. MUET, LUMHS and Sindh University. The questionnaire of academic section got answers from the academic staff of these universities. For the Industrial Side, Jamshoro and Hyderabad Districts also have potential because of Sindh Industrial and Trading Estate (S.I.T.E) area allocated land for the Industrial zone comprises number of industries.

For conducting this research the fully structured interviews were conducted the questionnaires were designed for both stakeholders to get their replies, regarding awareness, capability and willingness for working in Science Parks. This research is divided into two parts that is Industrial and Academia and both of these sectors were asked question regarding three objectives of this research. i.e. Awareness regarding Science Parks, Capability to do research and Willingness to work in Science Parks

For conducting the research three sectors are selected that are identified as growing and research oriented fields in Pakistan. The fields are Pharmaceutical, Information Technology and Textile.

The questions were designed to get answers which were evaluated through the SPSS (statistical package for social sciences). Various tests of this application were applied on

the data to analyze responses. The Tests include descriptive analysis, Chi-square and post hoc.

After evaluating results it was found that all three sectors of Universities and Industries are aware regarding concept of Science Park and are willing to work together for research and development. In terms of capability of both stakeholders, it was found that information technology sector is on top in comparison to other two sectors in academic side. However, in industrial side the Pharmaceutical sector is on top in terms of human capability. Therefore, it is evaluated that information technology and pharmaceutical sectors have potential of infrastructure and human capital as both are willingness to be the part of the Science Park in future. On the basis of these results it can be suggested that the Science Park if created in the Jamshoro area, the stakeholders (Academia and Industry) have potential to work and create good working relation to foster R&D. Therefore, the establishment of the Science Park can be proposed for both of these sectors in Jamshoro