**Meeting Report**

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| **Strengthening Commercialization Offices of Universities (ORICs) in Sindh Province of Pakistan &** **Establishment of ORIC Forum Sindh** |

By SATHA, IRP and MUISTD

As part of

1st Invention to Innovation Summit, Sindh

University of Karachi

December 06-07, 2016

**South Asia Triple Helix Association (SATHA)**

South Asia THA (SATHA) Chapter has been established at University of Management and Technology (UMT) to promote regional S&T and economic development through enhanced coordination and networking among University-Industry-Governments (UIG). **SATHA**-South Asia Triple Helix Association is a chapter of **THA**-International Triples Helix Association for the promotion and policy advocacy of science, technology and innovation.

**Institute of Research Promotion (IRP)**

Institute of Research Promotion (IRP) has been established to provide services in research related activities to promote quality research culture in the universities and corporate sector of Pakistan. IRP is a non- profit organization working under the guidance and cooperation of researchers from academia and industry. IRP, on one hand, is bridging the gap between the universities, research institutes, public and corporate sector and developing the culture of creating and sharing knowledge on the other.

**Innovation Summit**

****The impactful venture of Innovation Summit is an annual two-day event held in all provincial capitals of Pakistan to exhibit industry driven ideas, products and technologies. It provides free of cost opportunity to network with innovation leaders, potential investors and commercial partners. The event is cordially attended by academia, industry, government and non-government officials and profoundly appreciated by intellectuals. In order to promote, encourage and revitalize the culture of innovation, sash awards and souvenirs are presented to viable technologies and innovative ideas.

**ORICs of Sindh**

****ORICs (Office of Research, Innovation and Commercialization) are set up in universities under the guidelines and accreditation by Higher Education Commission (HEC), Pakistan, to link research with industry. The job of ORICs is to supply technology to the industry from universities and develop enabling environment for it.

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**1st Invention to Innovation Summit**

**Buy and sell technology**

University of Karachi – December 6-7, 2016

Meeting on

**Strengthening ORICs of Sindh**

 Establishment of ORIC forum Sindh

**Date: December 06, 2016 – Venue: Riaz Ul Islam Auditorium, Arts Building – Time: 02pm-04pm**

Organized by SATHA and MUISTD

South Asia Triple Helix Association and Mehran University Institute of Science, Technology and Development

This meeting will be attended by directors of ORICs of Sindh universities to discuss how to achieve this goal of technology transfer from university to industry.

**Program**:

* Welcome by Director ORIC Karachi University
* Presentation on **SATHA Entrepreneurial University Framework ORICs** by Rahmat Ullah Secretary General SATHA
* Presentation on **ORIC Forum Sindh and Collaborative Working** by Dr. Arbela Bhutto, Co-Director MUISTD
* Presentation by Mr. Nisar Mahyodin GM Diamond Foam Industry on “Creating Technology Driven Industries- A Case of Jumboloan
* Highlights of ORICs by Directors of ORICs – Open Discussion
* Address by Prof. Dr. Jawaid Quamar Head Mathematics Iqra University
* Address by Prof. Dr. Wasim Qazi, Vice President, Iqra University
* Address by Session Chair Prof. Khalid Iraqi, Dean Faculty of Management Sciences Karachi University on **Policy Guidelines to Improve ORIC Performance**

Session Moderator: Riaz Shaikh, Coordinator MUISTD- riaz.shaikh@admin.muet.edu.pk – 0314-7122020

**ORICs of Sindh**

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**Minutes of Sindh ORICs Meeting**

Mehran University Institute of Science, Technology and Development (MUISTD) and South Asia Triple Helix Association (SATHA) jointly organized a meeting on Strengthening ORICs of Sindh in the 1st Annual Invention to Innovation Summit 2016 at Riaz-ul-Islam Auditorium, Arts Building, University of Karachi on December 6-7, 2016. The purpose of the meeting was to bring the ORICs established in various Universities in Sindh closer to each other by proposing establishment of ORIC Forum, Sindh. ORIC (Office of Research, Innovation and Commercialization) are set up in universities by HEC to link research output with industry. The job of ORICs is to supply technology to industry from universities and develop enabling environment for it.

This meeting was attended by directors of ORICs of Sindh established in various universities to discuss how to achieve the goal of technology transfer from university to industry. Directors from more than 30 Universities participated in the meeting including Mehran University of Engineering & Technology, University of Karachi, Liaquat University of Health and Science Jamshoro, SALU Khairpur University, University of Sindh Jamshoro, Aga Khan University Karachi and Dadabhoy Institute of Higher Education just to name few.

The meeting started with the welcome address of the Director ORIC, Karachi. The first presentation was by Mr. Rahmat Ullah, Secretary General SATHA who briefed about the concept of Entrepreneurial University Framework. The second presentation was by Prof. Dr. Arabella Bhutto, Co-Director, MUISTD, MUET. She discussed about the possibility of establishing the ORIC Forum Sindh and proposed the Six Component Framework for which all ORIC offices must be trained for. As a case study the presentation from the Mr. Nisar Mayyodin, GM, Diamond Foam Industry presented the best practice. After presentations the meeting was open for the open discussion and concluded with some policy guidelines to improve ORIC performance.

The findings of open discussions are given below:

* ORIC department must do research on demand base and market driven.
* All the research topic must be check from ORIC department so we can do market base research.
* Center of excellence work like business school work to gather with technology institutes.
* Industry must understand the language of academia and academician must understand the language of industry.
* Develop the trust each other like Industry – Government – Academia.
* We all can introduce joint degree program like in BE we must add business background subjects.
* ORIC should create the network with microfinance institutions for startup on new venture.
* ORIC department must bring the peoples from industry to operate ORIC properly.
* Students and staff regular visits to industry to keep in touch with the latest information of technology and market demand.

