

## **Criterion 7 – Institutional Values and Best Practices**

### **7.3 Institutional Distinctiveness:**

#### **7.3.1 Performance of the Institution in one area distinctive to its priority and thrust:**

Pralhad P. Chhabria Research Center (PPCRC) has been established in the year 2016 in memory of Late Shri. Pralhad P. Chhabria, iconic businessman and the Founder Chairman of Finolex Group of Companies. His lifelong commitment towards fostering social development in India led him to establish “Hope Foundation and Research Centre” that pursues its charitable objectives in the fields of medicine, education, and research. PPCRC was a constituent of Hope Foundation and Research Centre established to promote research ([www.ppcrc.isquareit.edu.in/about.html](http://www.ppcrc.isquareit.edu.in/about.html)).

The Research & Development team of the Institute has a vast experience of over 20+ years in software development, managing software development and sponsored research & consultancy projects with International agencies such as United Nations, ADPC, Erasmus+, US AOARD, French Ministry of External Affairs and the Government of India. This team has a perfect blend of skill sets and expertise in software product designing, developing, commissioning and support to project planning, budgeting and other related aspects. Our experience in international collaborative research in niche domains and tailored capacity building programs, keeps our pace up with market trends, innovations and research. Our team's agility and adaptability is at par to handle any software development projects and applications ranging from oil & gas to healthcare sector and land to deep space mapping. We have in-house expertise in all the latest IT technologies such as Artificial Intelligence, Machine Learning, Cloud Computing, Cyber Security, Mobile App Development (Both iOS and Android), Web Apps, which are used for full stack development.

A customized Project Management Information System (PMIS) software is designed, developed and implemented for Asian Disaster Preparedness Center (ADPC), an international intergovernmental body based in Bangkok, Thailand, under World Bank funded Care for South Asia (WBCAR) project. Based on the standard bidding procurement process, I²IT has secured this contract from ADPC. The overall purpose of the PMIS software is to strengthen the information management capability of ADPC to analyze data and allow managers to forecast informed decisions. Specific to the CARE for the South Asia Project, the PMIS has facilitated the implementation of project and performance tracking. ADPC is able to offer its stakeholders an agile and robust solution that substantially improves the administration and functionality of project management, aiding ADPC personnel in the performance of their duties.

The PMIS system has the following “core” modules:

1. Project Information
2. Activity Based Work Planning
3. Monitoring & Evaluation
4. Budgeting


Additionally, it has the following “supporting” modules:

1. Stakeholder Management
2. Procurement Management
3. Human Resource Management
4. Grievance Redressal System
5. Knowledge & Repository

The system is built using the Frappe Framework (<https://frappeframework.com>), which is a full-stack web framework written in Python, JavaScript and uses MariaDB for the database. The PMIS software's primary function is to facilitate and manage the required day-to-day project activities and monitoring by the project authorities. This is accomplished via secure communication capabilities to accept the required data, along with a secure Web Portal to allow the reporting, processing, and correction of various data submission errors. The Web Portal also allows designated project users to interact with the PMIS software and report to various authorities. We have successfully completed the development and system has been deployed at ADPC servers and currently we are working on add-on features under Annual Maintenance Contract. ([www.ppcrc.isquareit.edu.in/gallery.html](http://www.ppcrc.isquareit.edu.in/gallery.html))

**Project Duration: June 2021 to September 2023**

**Total Budget Sanctioned: USD 130,000/- (Approx. INR 1.06 Cr.)**



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