Chapter 10
Project Information & Management System of ICAR
(PIMS-ICAR)
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1. Introduction

The Governing Body of ICAR desired that IASRI in consultation with the DDGs(Engg.) would arrange to develop a computerized system to check duplication in research projects both at divisional as well as inter divisional level.

Keeping in view the above directions from ICAR, necessary software namely ‘Project Information & Management System of ICAR (PIMS-ICAR)’ has been developed to help in taking decisions to check duplication in research projects both at divisional as well as inter divisional level at ICAR. This system has the modules on Data Management, Mechanism to check duplication in research projects, Projects Monitoring, Reports & Queries, and User Management & Administration.

The system will act as a decision support system and would be quite useful to academicians, planners, policy makers, scientists/technologists and other stakeholders in the field of agricultural sciences and technology.

2. System Design

System has been designed in standard web architecture. A nodal officer appointed at different ICAR institutes has access to the system through its home page (http://pimsicar.iasri.res.in) implemented at IASRI, New Delhi server. Home page of the system is shown in Fig 1. In order to manage the vast functionalities in the system, it has been designed into different modules.

- Data Management.
- Detection of Duplication of research activities.
- Progress Monitoring.
- Reports & Queries.
- User Management and Administration.

3. To Add a New Project Proposal

To submit proposal of a new project and/or to initiate the data entry of a project for the first time, the Nodal Officer have to submit initially brief details of the project in PIMS-ICAR. On the basis of the brief details ProjectID and Password will be issued to the respective Nodal Officer for submitting the complete details of the project.

After user’s ProjectID and Password authentication (Ref. Fig 1), the Nodal officer will have access to the data page where Project Details of the respective project can be entered. This page contains information about Project Title, Priority Area, Lead Institute, Principal Investigator, PI Address, No. of Collaborating Institute(s), Starting date, Completion date and Total Budget.
4. Data Management Module

Data management module is meant for entering and editing of Project Basic Data and Project Components. It is divided into two sub modules:

   a. Project Basic Data and  
   b. Project Components.

Project Basic Data sub-module provide facility to data entry for: Project General Information; Project Specific Area; Collaborating Institute; Institute – Division; Project Documents; Objectives; Activities; Project Budget and Project Expert.

Project Component includes Recurring contingency; Non Recurring contingency and HRD components.

5. Project Related Documents

It contains information about Project Title, Abstract, Introduction, Technical Document, Annual Report, Research Papers, Seminar & Workshop, Material Details, Intellectual Property Right and Project Profile Summary. By filling the information in the appropriate area or the information can be attached as a Word document file by browsing the information with the help of browse buttons. The Word document file may be named as Annexure-I, Annexure-II and Annexure-III for the respective data items.
6. Duplication Check

An attempt has been made to search and identify projects from the archive of the PIMS-ICAR database of ongoing research projects that may help in taking decisions to check duplication in research activities both at divisional as well as inter divisional level at ICAR. Research project proposals need to be searched for possible detection of Concepts that exists in the on-going projects. In general, the important components of project like: Project Title; Objectives; Activities; Keywords and Expected Outcome are searched in the Research Project Proposal Documents. The System has the provision to check duplication in research work on the basis of four broader criteria’s.

I. Project Title
II. Project Objectives
III. Project Activities
IV. Project Keywords
V. Project Outcome

7. Guidelines for Director's and Nodal Officers:

To perform the following activities Guidelines for Director's and Nodal Officers has been prepared and made available online on the PIMS-ICAR website.

- View the existing projects details.
- Approval and issue of username and password for Projects.
- Add Priority Areas for Institute.
- Add Divisions with in the Institute.

To View the existing projects details Log in to the PIMSICAR home page (http://pimsicar.iasri.res.in). Using the allocated ‘User ID’ and ‘Password’ log in to PIMSICAR and after you logged in, menu will be available on left side of window. Select Project selection to view all the Projects. By default all the existing Projects are displayed.

Select the project, and click on ‘Show details’ option available on the page and the project summary will be displayed. Here you can either select the entire component or one component by selecting project component and click on ‘Generate Report’

For Approval and issue of Username and Password for Projects facility has been given to the Nodal officer. Priority areas and Divisions with in the Institute are required for different projects and for the same facility have been provided.