

## **Knowledge Management and Sharing**

Knowledge management and dissemination are some of the major functions of PARC. The sustained efforts of scientists result in generation of new knowledge that is managed by different tools, techniques and systems to disseminate it for further research and development to generate more knowledge and development of packages of technology. Scientific Information is actively involved to help develop systems to manage the scientific knowledge for application by the scientific community.

# KNOWLEDGE MANAGEMENT AND SHARING

## Scientific Information

- NARC Library was functioning as National Library of Agricultural Sciences with 30,000(+) holdings and its computerized catalogue available online. Its clientele group includes scientists, researchers, research managers, university students, faculty members, policy makers, planners and parliamentarians. During the year, 325 books and 415 journal issues were received. 6237 users visited the Library. 24,579 photocopies, 694 books and journals were provided/issued.
- Online searching of international scientific and research journals facility with 15-node computer network was availed by more than 3653 scientists.
- PARC Website ([www.parc.gov.pk](http://www.parc.gov.pk)), one of the largest sites on agricultural R&D in Pakistan was regularly updated. Visitors from all over the world crossed 100,000 hits including 24,000 during the report year.
- PARC Agro-forum, an online discussion group on agricultural research with more than 425 members, added 100 new members during the year. PARC/NARC subject specialists regularly responded e-mail queries both from national and international visitors.
- Indigenously-developed Pakistan Agriculture Database (CATPAK) was maintained with 54,000 (+) records to keep scientists updated on agricultural research and review of literature on Pakistani agriculture. During the year, 3947 records were entered in the database.
- Union Database of Journals in Agricultural Libraries of Pakistan was maintained online with 3,000 (+) journal/magazine titles in 36 libraries of Pakistan. During the year, 163 titles were added.
- The Directorate of Scientific Information, being the National Liaison Office in Pakistan for AGRIS of FAO-sponsored agricultural information system, regularly dispatches its input for inclusion in the main database. During the year, 1287 with-abstract records of Pakistani research documents on agriculture were contributed to bring the total to 23,000. Facilities were developed for input in XML format.
- To facilitate researchers in review of literature, bibliographic/ with-abstract reference searching services were provided to 934 requesters with 59,166 references, to bring the total to 2.35 million references to 48,000 (+) requesters.
- Popular science articles /briefs were contributed to the national Press for information of planners, policy makers, farmers and general public and got published in the leading newspapers. Scientists were motivated to write popular articles and reports on their research achievements for the national news media.
- About 3000 scientific and functional photographs were provided to PARC/NARC scientists.
- NARC Library Upgradation Project, funded by PSDP/HEC at a cost of Rs.28.340 million during 2003-06 was completed and P-IV proforma dispatched to HEC.



## Publications

- Published 95 research papers, 55 popular articles and 52 information booklets.