

KNOWLEDGE GENRATION AND MANAGEMENT



**KNOWLEDGE BASED RESEARCH
LEADS TO PROSPERITY**



AGRICULTURAL INFORMATICS, NARC

Generation of knowledge and information are the natural output of research. Technology is the manifestation of knowledge and information. The management of knowledge is carried out by establishing libraries and databases and providing their access to the clientele.

Generation of Knowledge is one of the prime function of PARC. Scientific Information unit of the council has developed an efficient system for knowledge management and its dissemination for proper application by the end user.

Scientific Information

- PARC is maintaining special reference library at its headquarter for use by the policy makers, strategists and planners. New books (589) and current volumes of Journals (342) were added. Nearly 1700 individuals were provided with the reference services.
- NARC Library is functioning as national agricultural research and reference library with a clientele group comprising scientists, researchers, research managers, university students, faculty members, policy makers, planners, and parliamentarians. It is a fully computerized library with catalog available online. During the year, 474 books and 248 journal issues were received; 130 books purchased. 4486 users visited the Library. 563 computer searches, 1160 books and journals were provided/issued.
- Online searching of international scientific and research journals facility has been established with a 15-node computer network. More than 4,000 scientists availed this facility.

- PARC Website (www.parc.gov.pk), one of the largest on agricultural R&D in Pakistan was regularly updated. Visitors from all over the world crossed 76,000 hits including 18,000 during the year.
- PARC Agro-forum, an online discussion on agricultural research, has more than 325 members including 60 new members added during the year. PARC scientists regularly respond e-mail queries both from national and international visitors.
- Indigenously-developed Pakistan Agriculture Database (CATPAK) was maintained with 50,000 (+) records to keep scientists updated on agricultural research and review of literature in Pakistan. 4521 new records were added to the database during the year.
- Union Database of Journals in Agricultural Libraries of Pakistan was maintained online with 3,000 (+) journal/magazine titles with available volumes and issues in 36 libraries of Pakistan. 1230 volumes against 205 titles were added online into the database, during the year.
- Sent out 1357 with-abstracts records of Pakistani documents on agriculture for inclusion in the main database information of 136 organizations, 692 persons/experts and 142 projects was added to the Project and Research Information System Module (PRISM) database.
- Facilitated researchers in review of literature, bibliographic/ with-abstracts reference searching services were provided to 972 requesters with 62,851 references, to bring the total to 2.3 million references for 47,000 (+) requesters.
- 3640 scientific and functional photographs were provided to PARC scientists.
- Food Safety Standards, workshop held at Holiday Inn, Islamabad on 12.12.2005
- One-day seminar on “Pakistan Rural Growth and Poverty Reduction” held at PARC on 02.02.2006.
- 2-day national workshop on the “Role of Insect Taxonomy and Systematic in Sustainable Agriculture” held on 13.02.2006 at NARC
- 11th Congress of Soil Science” held at NARC on 28.03.2006

Publications

- Published 188 research papers, 37 information booklets and a catalogue on medicinal plants.