

# ROLE OF HIGHER EDUCATION COMMISSION DIGITAL LIBRARY IN PROMOTION OF RESEARCH CULTURE IN PAKISTAN

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# Higher Education Commission (HEC)



University Grants Commission (UGC) was the controlling body for higher education in Pakistan. Government of Pakistan realized the importance of the higher education sector towards fuelling economic growth led to the establishment of Higher Education Commission (HEC) in September, 2002.

# HEC & Promotion of ICT

- University Computerization and Networking
- Support of Telecommunication Sector and IT Related Disciplines
- Strengthening of IT Departments
- PERN Connectivity
- The Pakistan Research Repository
- Video Conferencing

# HEC National Digital Library Programme

- Need for Digital Library in Pakistan
- INASP and PERI Programme
- Pak-US Cooperation in Science & technology
- British Library Document Supply Centre
- E-books
- Procedure
- 35 Leading Publishers, More than 20,000 Journals
- Access to more than 200 institutions

# Digital library Resources

- American Association of Physics Teachers (AAPT)
- American Chemical Society (ACS)
- American Institute of Physics (AIP)
- American Mathematical Society (AMS)
- American Physical Society (APS)
- American Society of Microbiology (ASM)
- American Society of Agricultural Engineers (ASAE)
- American Society of Civil Engineering (ASCE)
- American Society of Mechanical Engineering (ASME)
- Association of Computing Machinery (ACM)
- Blackwell Synergy
- Bentham Science
- Cambridge University Press

# Digital library Resources

- Ebscohost
- Elsevier (Science Direct)
- Institute of Electrical and Electronics Engineers (IEEE)
- Institute of Physics
- ISI Web of Knowledge
- Jstor
- Mary Ann Liebert
- Nature Publishing
- Optical Society of America (OSA)
- Oxford University Press (OUP)
- Palgrave Macmillan
- Royal Society of Chemistry (RSC)
- Science Online
- Scopus
- Springerlink

# User Training



# Digital Library Usage

- Low in 2004
- One million full text downloaded in 2005
- More than two million full text downloaded in 2006
- Expecting double downloads in 2007

# Research Output

Year	No. of research articles published	Percentage increase	Cumulative total
2001	513	-	513
2002	576	12	1089
2003	639	10	1728
2004	781	22	2509
2005	1013	30	3522
2006	1636	61	5158

# Screen Shot of HEC Digital Library Home Page

http://www.digitallibrary.edu.pk

HEC - National Digital Library Program - Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail New Tab Close

Address http://www.digitallibrary.edu.pk/ Go Links

PAKISTAN NATIONAL DIGITAL LIBRARY

HOME NEWS AND EVENTS JOURNAL LISTINGS INSTITUTIONS USEFUL LINKS BRITISH LIBRARY CONTACTS

NAVIGATION MAP

- E - Databases
- E - Books
- Open Access
- Application Form

## HEC - National Digital Library

Knowledge @ Your Fingertips



A programme to provide researchers within public and private universities in Pakistan and non-profit research and development organizations with access to international scholarly literature based on electronic (online) delivery, providing access to high quality, peer-reviewed journals, databases and articles across a wide range of disciplines.

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**Useful Links**  
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[C&EN for ACS Members](#)

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Internet





- Thanks

- Any Question?????