

: MAJOR LIBRARY AND INFORMATION SCIENCE
KEY WORD: INFORMATION USE / INFORMATION SOURCES / STATE HIGHER
EDUCATION INSTITUTIONS

DUANGJAN PHYAKPAN : INFORMATION USE OF PHYSICAL SCIENCE
FACULTY MEMBERS, IN STATE HIGHER EDUCATION INSTITUTIONS.
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The objectives of this research were to study the information use of
physical science faculty members, in state higher education institutions, in terms of,
objectives, types of information used, information sources, and problems of informa-
tion used.

The questionnaires were distributed to 274 physical science faculty members
in 12 state higher education institutions, and 166 complete questionnaires (60.6%) were
returned.

The results of the study were as follows : most of faculty members used
information for teaching ; the faculty members used printed materials, e.g. textbooks,
monographs, and technical journals at high level, while using non-print materials, e.g.,
transparencies at high level ; they used subject specialists as interpersonal sources
and faculty libraries at their own institutions as institutional sources at high level ;
problems encountered by most faculty members in inadequate information.

The study of the differences in information use indicated that there was
no significant difference between academic ranks but there were some difference
between disciplines, and teaching experiences.

ภาควิชา...บรรณารักษศาสตร์.....

ลายมือชื่อนิสิต.....

Dr. Mep

สาขาวิชาบรรณารักษศาสตร์และสารนิเทศศาสตร์.....

ลายมือชื่ออาจารย์ที่ปรึกษา.....

วิรัตน์ นน. 5/7/84

ปีการศึกษา...2539.....

ลายมือชื่ออาจารย์ที่ปรึกษาร่วม.....