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Program Quality Review - Department of Chemical Engineering (2000)

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PROGRAM QUALITY REVIEW

DEPARTMENT OF CHEMICAL ENGINEERING

LIBRARY COLLECTIONS/SERVICES, 2000-2001

- I. FY97-99 Expenditures for Books and Journals [including electronic databases]: all URI academic departments are provided with a yearly allocation for books. The following provides recent expenditures for your department [along with departments covering related subject areas]:

Dept.	FY97 Books	FY97 Jrnls	FY97 Total	FY98 Books	FY98 Jrnls	FY98 Total	FY99 Books	FY99 Jrnls	FY99 Total
URI total	418522	1588691	2007213	416802	1405294	1822096	391203	1520471	1911674
CHE	0	36687	36687	1875	23559	25434	2107	24584	26691
CVE	620	31419	32039	2498	26843	29341	2760	28774	31534
ELE	0	40638	40638	1583	36953	38536	7645	39381	47026
IME	11083	7252	18335	1815	8266	10081	218	7335	7553
MCE	420	11768	12188	2529	17547	20076	3335	17864	21199
OCE	0	1326	1326	568	1525	2093	214	1955	2169
COE*	0	35840	35840	0	27643	27643	0	28840	28840

*COE is a code for general engineering journals

- II. View of Book Collections by Selective Subjects (LC): the following provides a broad look at the scope of URI's book collection, recent activity in adding to the collection, the scope of that activity in relation to the whole and in relation to other medium size academic libraries, and the latest circulation statistics:

Subject [LC]	Total Items as of 6/99	% of Total Items Held	Books Added 95/99	% of Items Added	Circ. Stats FY99	% of Total Circ.	Books Added 1983- 1993	Avg. Added Peer Group
TP chem.egr	4467	0.545	108	0.378	349	0.547	817	422

T technol.	3166	0.386	94	0.329	186	0.292	564	544
QD1-69 chemistry	1505	0.184	54	0.189	72	0.113	137	132
QD71-145 anal.chem.	1417	0.173	21	0.074	136	0.213	216	160
QD146-199 inorg.chem.	602	0.073	8	0.028	48	0.075	56	38
QD241-449 org.chem.	2731	0.333	43	0.151	207	0.325	334	244
QD450-731	2745	0.335	26	0.091	152	0.238	401	276
TN mining metallurgy	1844	0.225	14	0.049	75	0.118	249	204

III. Scholarly Books published FY97-FY99: the following provides a look at the numbers of book titles supplied to academic libraries in FY97-FY99 by broad subject:

Subject	1996/97	1996/97	1997/98	1997/98	1998/99	1998/99
	# of titles	\$ of titles	# of titles	\$ of titles	# of titles	\$ of titles
Chemical technology	315	\$39,790	304	\$49,799	326	\$56,879
Chemistry	369	\$63,365	355	\$63,356	446	\$63,885
technology	306	\$19,412	333	\$20,634	343	\$25,397

IV. Selective Journal Holdings: SCI/SSCI provide rankings of scholarly journals based on a number of categories. The following is the ranking published in Journal Citation Reports for 1998, by impact factor:

Subject	# of titles	URI Holdings	URI holdings of top ten	URI holdings of 11-20
Chem. Egr.	113	29	3	4
Electrochemistry	13	3	3	0 of 3

Engineering	59	11	3	2
Food sci/tech	90	20	4	5
Materials sci.	142	22	4	0
Mat.sci. biomaterials	11	0	0	0
Mat. Sci. charac./testing	16	2	2	0
Mat. Sci. ceramics	20	2	1	1
Mat. Sci. coatings/films	14	1	1	0
Mat. Sci. composites	16	1	1	0
Mat. Sci. textiles	13	3	3	0
Metallurgy	61	7	2	3
Nuclear Sci.	32	2	1	0
Polymer sci.	67	6	1	3

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