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Program Quality Review - Department of Mechanical Engineering (2000)

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PROGRAM QUALITY REVIEW

DEPARTMENT OF MECHANICAL 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
MCE	420	11768	12188	2529	17547	20076	3335	17864	21199
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
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
TJ mech.egr.	2508	0.306	73	0.256	151	0.237	541	451

T technology	3166	0.386	94	0.721	186	0.292	564	544
TL auto.egr.	2137	0.261	39	0.137	136	0.213	149	266
TS manufacture	3021	0.369	77	0.273	286	0.448	587	388

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
T technology	306	\$19,413	333	\$20,634	343	\$25,397
TJ mech.egr	203	\$22,008	182	\$19,914	247	\$26,863
TL motor vehicles	142	\$8,189	157	\$9,566	226	\$13,199
TS manufacture	190	\$13,532	183	\$14,544	198	\$19,588

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
Aerospace	27	7	2	2
Comp.sci., cybernetics	16	3	3	0 of 6
Energy & fuels	67	15	3	1
Engineering	59	11	3	2
Egr., mechanical	95			

Mat. Sci.	143	22	4	0
Mat. Sci. biomaterials	11	0	0	0
Mat. Sci. characteristics	16	2	2	0
Mat. Sci. coatings	14	1	1	0
Math., applied	127	31	5	7
Mechanics	83	28	4	0
Metallurgy	61	7	2	3
Thermodynamics	33	8	2	1

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