

Indian Institute of Technology Delhi
Central Library

October 24, 2024

**Subject: Weeding-out of unused/old theses/dissertations/project reports/abstracts/
lecture notes of other institutes from the Central Library, IIT Delhi**

The Central Library, IIT Delhi, is in the process to dispose-off 213 theses costing Rs. 1,00,247.23 (approved by the 123rd meeting of ACL held on October 9, 2024) from the Theses section. It is proposed to offer these theses to the Departments/Centres/Schools as a step towards their disposal.

These theses are available on the Ground Floor, Text Book BookBank section of the Central Library (<https://library.iitd.ac.in/>).

The representative from interested Departments/Centres/Schools may visit the Central Library, along with a letter from the HOD, to get these theses transferred from 24.10.2024 to 8.11.2024 from 10 AM to 5:00 PM. These theses will be transferred on first-cum-first serve basis.

You may contact the Incharge of Text Book and Book Bank Section, Central Library (Ph No. 1496/6654) for details.



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Distribution: All HoDs through Circular mail.

LIST OF THESES/DISSERTATIONS/LECTURE NOTES/PROJECT REPORTS
PROPOSED FOR WEEDING OUT

S.No	Accn. No.	Title	Researcher/ Author	Programme (Ph.D./Master)	Year	Department/ University	Cost ₹
1	112971	Multispectral remote-sensing techniques applied to salinity and drainage problems in the Columbia basin	Prentice, Virginia Lee	PhD	1972	University of Michigan	796.88
2	115659	Microcomputer-based information storage and retrieval systems	Hussein Mustafa, Suleiman	PhD	1985	University of Pittsburgh	818.80
3	117804	Uniaxial tensile deformation and fracture of dual-phase steels	Su, Yean-Liang,	PhD	1986	Brown University	876.57
4	120267	Integer programming Algorithm for the Resource-constrained project scheduling problems	Talbot, Frederick Brian	PhD	1976	Pennsylvania State University	994.89
5	120268	Branch and bound algorithm for a general class of multiple resource-constrained scheduling problems	Stinson, Joel p.	PhD	1976	University of North Carolina	994.89
6	120269	Analysis and design of liquid absorbent/desiccant cooling/dehumidification systems for low grade thermal energy applications	Peng, Chung Shiang Patrick	PhD	1980	University of Texas	994.89
7	120270	Exact algorithm for the multiple constrained-resource projects scheduling problem	Davis, Edward W.	PhD	1968	Yale University	994.89
8	141167	Performance of brick masonry subjected to in-plane loading	Dhanasekar, M	PhD	1985	University of New Castle	967.50
9	G11960	Computed Hydrographs of catchments	Chander, Subhash	PhD	1965	University of Manchester	0
10	G19118	Adaptive design of a class of electrical networks using Mathematical Optimization	Nandi, Nanda Dulal	Doctor of Technical Science	1970	Swiss Federal Institute of Technology	0
11	G19867	Ph.D. theses submitted at Indian Institute of Technology, Madras during its first to twenty fifth convocations (1964-1988)	IIT Madras	Abstracts of PhD theses	1989	Central Library, IIT Madras	0

12	G20095	Optical investment planning for electric power generation	Noonan, Francis	PhD	1973	University of Massachusetts	47.50
13	R-2040	Attenuation in microwave acoustic transducers and resonators	Wauk, Michael. T.	PhD	1969	Standford University	237.25
14	R-2058	Heat transfer to refrigerants boiling inside plain tubes and tubes with internal turbulators	Lavin, John Gerard	Sc.D.	1963	University of Michigan	39.90
15	R-2115	Investigation of the effects of swirl on the flow regimes and performance of annular diffusers with equal inner and outer cone angles	Srinath, T	Master	1968	Univ. of Waterloo	128.35
16	R2028	Psychological factors in friendship choice and rejection	Shapiro, David	PhD	1953	University of Michigan	18.75
17	R2029	Planning of hydrothermal electric power systems	Petersen, Edward Richard	PhD	1966	Stanford University	24.00
18	R2030	Optimum operation of a multi-reservoir water supply system	Amir, Reuven	PhD	1967	Standford University	24.00
19	R2031	Introduction of hydrologic risk concepts to optimization of water resource system design	Bathke, William Leonard	PhD	1967	Texas A&M University	24.00
20	R2032	Mathematical Programming model for long-range river basin planning with emphasis on the Colorado River basin	Heaney, James Patrick	PhD	1968	Northwestern University	37.75
21	R2034	Properties of roll waves	Miya, Masayoshi	PhD	1970	University of Illinois	37.75
22	R2041	Acoustic generation with reactively deposited piezoelectric thin films	Malbon, Robert Michael	PhD	1968	Stanford University	41.97
23	R2168	Unsteady natural convection on a vertical plate	Yau, Fun-Pei	PhD	1975	Purdue University	0
24	TH1001	Goal programming model for improved transportation problem solution	Schniederjans, Marc James	PhD	1978	Saint Louis University	364.64
25	TH1002	Evaluation for existing travel demand estimation procedure for long term strategic	Rathbone, Daniel Benjamin	PhD	1979	Texas A&M University	381.60

		urban transportation planning					
26	TH1003	Urban transportation policy planning methodology: system dynamics approach	Tran, Thanh Khanh	PhD	1979	Virginia Polytechnic Institute and State University	381.60
27	TH1004	Data base concurrency control and recovery in local broadcast networks	Wilkinson, William Kevin	PhD	1981	University of Wisconsin Madison	407.04
28	TH1005	Strategies for enhancing concurrency and managing deadlocks in database locking protocols	Mohan, C.	PhD	1981	University of Texas	407.04
29	TH1037	Application of finite elements method to the determination of nonlinear static and dynamic responses of underwater cable structures	Webester, Ronald Lewis	PhD	1976	Cornell University	289.60
30	TH1049	Numerical method for solving the full potential equations	Purvis, James Wayne	PhD	1977	Auburn University	354.41
31	TH1050	Theoretical study of the fundamental dynamic characteristics of the interaction between Urban land use development and transportation development	Vaziri, Manouchehr	PhD	1980	University of California	397.11
32	TH1051	Balanced Urban ground passenger transportation with respect to energy, demand and income: an approach for bus transit supply system planning	Chang, Myung - Soon	PhD	1980	North California State University	397.11
33	TH1084	Inventory control for a small scale unit	Sihag, Asha Ram	M.Tech	1984	IIT Delhi	0
34	TH1091	Lot sizing technique	Yilmaz, Cenigiz	PhD	1981	University of Iowa	360.00
35	TH1117	Heat transfer to liquids boiling under pressure	Cichelli, Mario T	PhD	1944	John Hopkins University	103.35
36	TH1119	Master scheduling and component lot sizing decisions in resource-constrained material requirements planning environments	Bahl, Harish Chander	PhD	1980	Ohio State University	423.15

37	TH1146	Rectifying properties photovoltaic effects and electrochemical studies of phthalocyanine thin films.	Fan, Fu-Ren Frank	PhD	1978	University of Illinois	322.50
38	TH1147	Copper phthalocyanine photoelectrochemistry: Optimization of electron transfer kinetics through an investigation of solid state and electrochemical properties	Ayers, William Mclean	PhD	1980	University of Pennsylvania	348.75
39	TH1148	Virus removal by chemical coagulation	Chaudhuri, Malay	PhD	1969	University of Illinois	178.13
40	TH1169	Analysis of binding behaviour of contractors in various economic conditions using utility assessment	Hanim, Elias Nicolas and Lesage, Yves	M.Sc.	1975	Massachusetts Institute of Technology	393.60
41	TH1170	Heat transmission to boiling pure and mixed liquids	Perry, Charles William	PhD	1940	Johns Hopkins University	53.20
42	TH1171	United approach to the mass balancing of rotating flexible shafts	Darlow, Mark Sandor	PhD	1980	University of Florida	432.45
43	TH1190	Event based specification and verification of distributed system	Chen, Bo -Shoe	PhD	1982	University of Maryland	395.92
44	TH1191	Model for competitive bidding under uncertainty	Ortega-Reichert, Armando	PhD	1967	Standford University	215.52
45	TH1192	Competitive bidding in the construction industry	Broemser, Gary Milton	PhD	1968	Standford University	338.99
46	TH1194	Bayesian approach to computer bidding	Caid, Larry Andrew	PhD	1966	Ohio State University	215.52
47	TH1195	Class of stochastic bidding problems	Gupta, Rajendra Kumar	PhD	1974	University of Rochester	352.46
48	TH1197	Behaviour of plain concrete under variable load histories	Demir, Karsan Ismail	PhD	1968	Rice University	351.07
49	TH1198	Effects of variation in load history on cyclic response of concrete flexural members	Hwang, Tze-How	PhD	1982	University of Illinois	361.60
50	TH1199	Effects of web openings in reinforced concrete beams subjected to cyclic loads	Lopes, Rogerio Coelho	PhD	1983	University of South Carolina	451.47

51	TH1200	Time dependent deflections in reinforced concrete beams cyclic loading	Carreira, Domingo Jose	PhD	1983	Illinois Institute of Technology	451.47
52	TH1201	Information economy (Vol. I)	Porat, Marc Uri	PhD	1976	Standford University	372.00
53	TH1202	Information economy (Vol. II)	Porat, Marc Uri	PhD	1976	Standford University	
54	TH1271	Capacity Sensitive lot sizing decision in material requirement planning system	Harl, Ernst Johannes	PhD	1980	Ohio State University	359.91
55	TH1272	Development and application of decision rules for buffering against demand uncertainty in a time phased recorder point system	Callarwan, Thomas Evan	PhD	1979	Purdue University	46.44
56	TH1273	Production planning problems for flexible manufacturing systems	Stecke, Kathryn Elizabeth	PhD	1981	Purdue University	369.88
57	TH1274	Integrated production planning model for multiproduct parallel processor environments	Oliff, Michael David	PhD	1982	Clemson University	369.88
58	TH1275	Hierarchical multistage, Mult objective impact analysis	Gomide, Fernando Antonio Campos	PhD	1983	Case Western Reserve University	389.15
59	TH1276	Project for the manufacture of 30 centreless grinders per working shift per month	Ajwani, Niranjn G.	B. Tech	1969	Jiwaji University Gwalior	0
60	TH128	Non-periodic vibrations of layered viscoelastic plates	Jones, Irving Wandell	PhD	1967	Polytechnic Institute of Brooklyn	67.00
61	TH1289	Dynamic analysis of flexible spatial mechanisms and robotic manipulators	Sunada, Wallace Hikaru	PhD	1981	University of California	436.80
62	TH1290	Dynamic analysis of spatial mechanisms	Schaffa, Ronald Ben	PhD	1984	University of Pennsylvania	509.60
63	TH130	Spot cooling and heating of surfaces with high velocity impinging air jets	Walz, Dieter Richard	B. Tech	1964	Standford University	0
64	TH131	Generalized topological formulas for linear network functions	Prabhakar, A.	PhD	1967	IISc	0
65	TH1326	Non-iterative algorithm for solving special types of transportation problems	Lev, Benjamin	PhD	1970	Case Western Reserve University	844.04

66	TH1347	Turbulent mixing with complex reactions in unpremised tubular reactors	Kuo- Tseng, LI	PhD	1985	Carnegie Mellon University	586.30
67	TH1388	Some aspects of risk analysis for decision making in engineering projects management	Inyang, Esseh David	PhD	1983	University of Manchester	721.11
68	TH1389	Development of contract strategies for construction projects	Perry, John G	PhD	1985	University of Manchester	721.11
69	TH1402	Multiobjective optimization of manufacturing systems	Souemon, Takakuwa	PhD	1982	Pennsylvania State University	379.20
70	TH1403	Queuing models for flexible manufacturing systems subject to resource failure	Vinod, Balakrishnan	PhD	1983	Purdue University	398.95
71	TH1404	Risk allocation in construction contracts	Porter, C.E	M.Sc.	1981	University of Manchester	794.13
72	TH1417	Planning and control of multi-projects	Deshpande, Avinash D	M.Tech	1983	IIT Bombay	342.00
73	TH1430	Model for debris flow	Johnson, Arvind. M	PhD	1965	Pennsylvania State University	273.21
74	TH1480	Abstracts of Ph. D. theses: Vol II- technology and humanities & social sciences		Abstracts of PhD theses	1980	IIT Madras	0
75	TH1481	Abstracts of Ph. D. theses: Vol III- sciences		Abstracts of PhD theses	1987	IIT Madras	0
76	TH1482	Abstracts of Ph. D. theses: Vol IV- technology and Humanities & Social Sciences		Abstracts of PhD theses	1987	IIT Madras	0
77	TH1499	Diffusion of information among the working poor	Chatman, Elfreda Annmary	PhD	1983	University of California	574.89
78	TH1500	Process for the design of information systems for the academic administrator	Sekula, Francis Joseph	PhD	1984	University of Pittsburgh	637.50
79	TH1501	Towards designing a computerized information system for management and line workers in social work	Monnickendan, Menachem. R.	PhD	1983	University of Pittsburgh	574.89
80	TH1572	Optical properties and solar selectivity of inhomogeneous metal-insulator coatings	Niklasson, Gunnar Axel	PhD	1982	Chalmers University of Technology	546.43
81	TH1627	Recent advances in bioprocess engineering	Ghose, T.K.	CEP, Lecture Notes II	1988	IIT Delhi	0

82	TH1628	Recent advances in bioprocess engineering	Ghose, T.K.	CEP, Lecture Notes I	1988	IIT Delhi	0
83	TH1629	Recent advances in bioprocess engineering	Ghose, T.K.	CEP, Lab Manual	1988	IIT Delhi	0
84	TH1630	Course on project implementation, monitoring and evaluation	Natarajan, P.	Course Report	1989	IIT Delhi	0
85	TH1632	Consequences of the application of a higher order beam theory to the steady state deformation and free vibrations of a moving beam	Fortin, Jose Donato	PhD	1988	Ohio State University	941.59
86	TH1633	Structural modification utilising beam elements	Elliott, Kenny Blair	PhD	1985	Virginia Polytechnic Institute and State Institute	763.93
87	TH1644	Nonlinear analysis and ultimate strength of multi cell reinforced concrete box girder bridges	Seible, Freider	PhD	1982	University of California	568.51
88	TH1645	Development of computer-based management information system for higher education in Costa RICA: a proposed model	Araya-Martin, Adrian	PhD	1982	Vanderbilt University	546.43
89	TH1698	Computer integrated machining parameter selection in a job shop using expert systems and algorithms	Gopalkrishnan, B.	PhD	1988	Virginia Polytechnic Institute and State University	811.31
90	TH1794	Parabolic partial differential equations subject to nonlocal boundary conditions	Lin, Yanping	PhD	1988	Washington State University	842.82
91	TH1843	Dynamic simulation of flexible robots with prismatic joints	Pan, Ye-Chen	PhD	1988	University of Michigan	842.82
92	TH1844	Dynamic analysis of robotic manipulators with flexible links	Chang, Liang-Wey	PhD	1984	Purdue University	689.02
93	TH1845	Knowledge based process planning for machining parts	Chang, Kang J.	PhD	1989	University of California	1691.80
94	TH1853	Experimental and theoretical studies on gas cyclone separators operating at high efficiency	Tran, Thinh Van	PhD	1981	University of Minnesota	1759.47

95	TH1854	An approximation dynamic analysis of tube structure	Chang, Petter.Ckun. Po	PhD	1982	University of Illinois	590.59
96	TH1882	Open cycle solid desiccant cooling component models and system simulations	Jurinak, Jeff Jerome	PhD	1982	University of Wisconsin-Madison	590.59
97	TH1884	Discretization methods for retarded ordinary Differentials equations	Feldatein, Morley Alan	PhD	1964	University of California	295.20
98	TH1905	Adsorptive drying of organic liquids	Joshi, Sudhir Ramtirth	PhD	1987	University of Texas	866.52
99	TH1906	Thermal regeneration of fixed multicomponent adsorption beds	Huang, Chen-Chia	PhD	1987	University of Texas	866.52
100	TH1943	Electric field distribution in three dimensional regions using the finite element method	Quiroga Sepulveda, Nestor. Gatriel.	PhD	1984	Tulane University	2011.35
101	TH1944	Studies in the optimal synthesis of chemical processing and energy systems	Papoulas, Soterois A	PhD	1982	Carnegie Mellon University	2011.35
102	TH1945	Mathematical modelling approach to the synthesis of separation sequences	Lin, Ruey-Jia	PhD	1987	Columbia University	2011.35
103	TH1964	Study of liquid spray: mechanism of atomization droplet size velocity and temperature distribution VIA information theory spray interaction with ambient air motion	Li, Xianguo	PhD	1989	Northwestern University	2068.27
104	TH1993	Design mechanical components with features: representing the form and intent of in-progress design for automated modification and evaluation	Nielson, Eric Hilton	PhD	1991	University of Massachusetts	2106.22
105	TH1994	Fault diagnosis and prediction in reciprocating air compressors by quantifying operating parameters	Feng, Ming-Fa	PhD	1992	Virginia Polytechnic Institute and State University	2093.57
106	TH2161	Heuristic-based approach to press tool design and assembly.	Koroupi, Faroukh	PhD	1989	University of Birmingham	1680.00

107	TH2172	Large plastic deformations by sequential limit analysis	Hwan, Chung-Li	PhD	1992	University of Michigan	2089.39
108	TH2200	Object oriented hierarchical paradigm for integrated parametric design and automated two-dimensional quadrilateral mesh generation	Barker, David. Ellis.	PhD	1993	University of Utah	2096.00
109	TH2201	Integrated computer aided manufacturing system for sculptured surfaces	Kim, Kwang-il	PhD	1993	University of Illinois	2096.00
110	TH2202	Fuzzy rule base tuning for robotic precision assembly	Gurocak, Hakan Berat	PhD	1993	Washington State University	2096.00
111	TH2203	Computer aided process planning based on principles and heuristics	Korde, Uday P	PhD	1993	University of Minnesota	2096.00
112	TH2204	Automatic tool path generation for numerically controlled machining of sculptured surfaces	Li, Xiaoxia	PhD	1993	University of New Hampshire	2096.00
113	TH2675	Finite element model updating and modification for dynamic mechanical structures	Narayana, Peddi Sai Rama	M.S(R)	1999	Dept of Mechanical Engineering, IITD	0
114	TH2747	Rationalization of distribution network in supply chain context a case	Bhandari, Vinay	M.S(R)	2000	Dept of Mechanical Engineering, IITD	0
115	TH3040	Leadership style teacher empowerment, and job satisfaction selected catholic elementary schools	Dono-Koulouris, Marilyn J,	PhD	2003	St. John's University	3711.40
116	TH3041	Customer service leadership skills and customer relationship management	DeFazio, Vincent James	Doctoral in Management	2003	University of Phoenix	3711.40
117	TH3042	Examination of the relationship between leadership style and empowerment	Seaborne, Wendell	PhD	2003	Regent University	3711.40
118	TH321	Investigation of the Dynamics and Control of A Well Stirred Combustor	Crowl, Daniel Adams	PhD	1975	University of Illinois	180.55
119	TH322	Experimental reactor studies of the catalytic reduction of sulphur dioxide by carbon monoxide	Aderhold, James Lewis	PhD	1975	University of Massachusetts	180.55

120	TH323	Examination of the mechanism for heat transfer in the evaporator zone of the heat pipe	Winston, Hubert. Melvin.	PhD	1975	North Carolina State University	180.55
121	TH324	Monte Carlo estimation in complex optimization problems	Klein, Stanley Alan	Sc.D.	1975	The George Washington University	180.55
122	TH3261	Mathematical modelling of premixed laminar methane-air flames	Kwan, Ka Chun	PhD	1994	University of Leeds	6186.50
123	TH377	Active control of a boring bar operation	Klein, Richard Grant	PhD	1973	Purdue University	246.40
124	TH378	Digital computer simulation and analysis of a tropospheric Scattering channel model utilizing realistic meteorological structure and parameters	Pittle, Ronald David	PhD	1969	University of Wisconsin	174.80
125	TH379	Analysing smooth flowcharts teaching structured programming in a computer-based education environment	Hyde, Daniel Clair	PhD	1975	University of Illinois	180.55
126	TH380	Techniques for Parallel Computer Design	Budnik, Paul Peter	PhD	1975	University of Illinois	180.55
127	TH381	Some basic determinants of computer programming performance	Chrysler, Earl.	D.B.A	1975	University of Southern California	180.55
128	TH384	Anisotropic turbulence and stochastic arrays of three-dimensional scatters	Duvoisin, Paul Frank	PhD	1969	University of Wisconsin	174.80
129	TH386	Direct search mathematical programming algorithm	Moradi, Jacob Yaghoub	M.Sc.	1974	Newark College of Engineering	33.75
130	TH388	Response of nonlinear systems to stochastic excitation	Payne, Harold James	PhD	1967	California Institute of Technology	186.48
131	TH419	Analysis of stiffened plates by the finite element method	Mcbean, Robert Parker	PhD	1968	Stanford University	173.65
132	TH420	Fault detecting computer system design	Pembamoto, Kiluba Na-Beya	PhD	1975	State University of New York	184.00
133	TH421	Conduction heat transfer with phase change and its applications to freezing or thawing of foods	Bakal, Abraham Itshak	PhD	1970	Rutgers University	173.65
134	TH422	Dynamics of mechanisms with elastic links	Winfrey, Richard Cameron	PhD	1969	University of California	174.80

135	TH423	Computer storage hierarchy models and analysis	Mortenson, John Albert	PhD	1976	Standford University	184.00
136	TH424	Implicitly adaptive model reference control design for linear multi - Input multi-output systems	Mabius, Lawrence Eugene	PhD	1976	Rensselaer Polytechnic Institute	184.00
137	TH425	Compressibility characteristics of submarine sediments and settlement estimation for ocean structures	Callender, Warren Gordon	PhD	1973	Georgia Institute of Technology	177.10
138	TH426	Experimental investigation of pipeline stability in very soft clay	Lim, Sung Joo	PhD	1974	University of Houston	180.55
139	TH427	Strength and stress-strain behaviour of deep ocean carbonate soils	Demars, Kenneth Roland	PhD	1975	University of Rhode Island	180.55
140	TH428	Suspension bridges subjected to earthquake excitations	Arikan, Metin Sait	PhD	1976	University of California	184.00
141	TH429	Inelastic cyclic behaviour of reinforced concrete columns	Atalay, Mehmet Bilgin	PhD	1976	University of California	184.00
142	TH430	Analysis of underground excavations and their support systems	Elias, Ghanem	PhD	1976	University of California	184.00
143	TH431	Substructure method for earthquake analysis of structures-soil interaction	Gutierrez, Jorge Alberto	PhD	1976	University of California	184.00
144	TH432	Coupled lateral torsional response of building to ground shaking	Kan, Christopher Lap-Hin	PhD	1976	University of California	184.00
145	TH433	Earthquake analysis of arch dam foundation system	Mojtahedi, Soheil	PhD	1976	University of California	184.00
146	TH434	Non- linear transient dynamic analysis of yielding structures	Ozdemir, Haluk	PhD	1976	University of California	184.00
147	TH435	Nonlinear analysis of pile supported plane frames	Dhanasobhon, Chitsanti	PhD	1976	Oklahoma State University	184.00
148	TH436	Method of analysis for nonlinear dynamic response of prestressed concrete beams	Lakshmi Kanthan, Ramachandran	PhD	1976	Oklahoma State University	184.00
149	TH437	Behaviour of inelastic multistorey structures subjected to 2-D earthquakes	Oster, Kenneth Byron	PhD	1976	University of Missouri	184.00

150	TH438	Nonlinear static and dynamic analysis of frames	Kassimali, Aslam	PhD	1976	University of Missouri	184.00
151	TH439	Response of partially filled elastic cylindrical storage tank subjected to arbitrary lateral base excitation	Mouzakis, Timoleon	PhD	1976	University of Massachusetts	184.00
152	TH44	Tellegen's theorem	Penfield, Paul, Robert Spencet and S. Duinker	Internal Memorandum 153	1968	Massachusetts Institute of Technology	0
153	TH440	Advanced integrated circuit technology for micropower integrated circuits	Rodgers, Thurman John	PhD	1975	Stanford University	180.55
154	TH441	Characterization of nylon 66-poly (Ethylene glycol) blend fibres	Bhat, Gulgunji Ramachandra	PhD	1974	North Carolina State University	180.55
155	TH465	Stationary random response of multidegree of freedom systems	Yang, I-Min	PhD	1970	California Institute of Technology	186.48
156	TH466	On the design of one-dimensional and two-dimensional fir digital filters	McClellan, James Harold	PhD	1973	Rice University	246.40
157	TH467	Heat and mass transfer in semiporous channels	Massey, William Moore	PhD	1968	Georgia Institute of Technology	0
158	TH469	Measurement of thermal conductivity of beef	Miller, Herbert and Evanston, Illinois	M.Sc.	1962	Northwestern University	0
159	TH470	Interactive optimization component for solving parameter estimation and policy decision problems in large dynamic models	Buchner, Marcus Robert	PhD	1975	Michigan state university	251.20
160	TH471	Charge motion in the variable threshold memory transistor	Crain, David Wilson	PhD	1976	University of Southern California	168.00
161	TH472	Elastohydrodynamic lubrication: transient finite element analysis	Day, Chia Peng	M.Sc.	1974	Cornell University	199.39
162	TH474	Design and development of a high-speed spark ignition two cycle engine	Johnston, M.B.	PhD	1969	Queen`s University of Belfast	0
163	TH475	Collocation method for boundary value problems using spline functions.	Ito, Teisuke	PhD	1972	Brown University	248.49
164	TH476	Monolithic acoustic surface wave amplifier	Coldren, Lancy Allen.	PhD	1972	Stanford University	180.72
165	TH477	Study of lateral nonuniformities and	Chang, Ching-Chu	PhD	1976	Princeton University	192.00

		interface states in MIS structures					
166	TH478	Acoustic wave semiconductor convolver applied to electrical and optical signal processing	Gautier, Herve Pierre Renson	PhD	1975	Stanford University	0
167	TH479	Investigations on Zinc Telluride	Baker, Wilford Dean	PhD	1971	Carnegie Mellon University	181.44
168	TH481	Non-linear viscoelasticity of polyimide fibers	Ko Frank Koon-fun	PhD	1970	Georgia Institute of Technology	206.67
169	TH482	Properties and microstructure of polycarbonate-polysulfone blends	Myers, Floyd Spencer	PhD	1971	North-Western University	188.24
170	TH483	Compatibility in polymer blends	Brodsky, Philip Hyman	PhD	1969	Cornell University	189.24
171	TH484	High field transport in silicon dioxide films on silicon induced by corona charging	Weinbegz, Zeev A.	PhD	1974	Princeton University	0
172	TH485	Improved analysis of the transient response of an MOS-C	Takino, Takanori	PhD	1976	University of California	0
173	TH486	Tractor cab suspension performance modeling	Roley, Daniel Gay	PhD	1975	University of California	0
174	TH487	Study of the effects of low energy electron irradiation on MOS capacitors	Shih, Chin-Tay	PhD	1975	Princeton University	0
175	TH488	Complementary MOS transistors in micropower circuits	Swanson, Richard Marker	PhD	1974	Stanford University	0
176	TH489	Solar building energy use analysis	Ucar, Manas	PhD	1976	Syracuse University	0
177	TH490	Analysis of the transient natural convection from horizontal circular cylinder	Hsu, John Cheu-Wang	PhD	1977	North Carolina State University	0
178	TH491	Generalized approach to thermodynamic cycles analysis	Henry, Charles Daniel	PhD	1977	University of Arizona	0
179	TH492	Natural convection heat-transfer from a horizontal circular cylinder to a surrounding cylindrical enclosure	Kuehn, Thomas Howard	PhD	1976	University of Minnesota	0
180	TH493	Instability of natural convection flow around horizontal cylinders	Fathalah, Kadry Ahmed Fathy	PhD	1976	Georgia Institute of Technology	0

181	TH495	Characterisation of nylon 66-poly(Ethylene glycol) blend fibers	Bhat, Gulgunji Ramachandra	PhD	1974	North Carolina State University	0
182	TH496	Analysis of plate type prismatic structures	Abu Ghazaleh, Bassam Naif	PhD	1966	University of California	0
183	TH497	Mechanized information retrieval from abstracts literature in chemical engineering using IBM 1620	Murty, D.S.R.	Project Report	1969	INSDOC	0
184	TH498	Study of secondary time effects and consolidation of clays	Kaul, Brij Krishen	PhD	1963	University of Punjab	0
185	TH501	Relationship between fuel injection and heat release in a quiescent chamber diesel engine	Sareen, B.K	PhD	1972	University of Manchester	813.75
186	TH502	Frequency domain characterization of surface acoustic wave oscillator	Bagchi, Anandmoy	M.Tech	1978	IIT Delhi	0
187	TH522	Phase control and phase minimization in digital filters	Burris, Frank Edward	PhD	1974/1979	University of Cincinnati	216.00
188	TH549	Transient analysis of multicomponent transport and reaction in the microcirculation of brain	Null, Randal Edward	PhD	1976	Louisiana Tech University	192.00
189	TH550	Generation and amplification of ultrasonic layer waves	Araghi, Medhi Najm	PhD	1973	University of Rochester	216.00
190	TH688	Calculation of fuel / air mixing in a diesel engine with moderate swirl for the purpose of heat release prediction	Abughres, Saleh Mohamed	PhD	1973	University of Manchester Institute of Science and Technology	1057.22
191	TH689	Investigation of the properties of mathematical models of internal combustion engines with special reference to mixing and combustion	Williams, T.J.	PhD	1976	University of Manchester Institute of Science and Technology	935.64
192	TH690	Transient performance of cross bonded cable systems	Michael Dang, Danh, Hgoc	PHD	1972	Victoria University of Manchester	830.81
193	TH704	Experimental study of reciprocating internal combustion engines operated on hydrogen	Homan, Howard Stockes	PhD	1978	Cornell University	206.40

194	TH705	Theoretical and experimental investigation of sorption in bidisperse porous particles	Vaidyanathan, A.S.	PhD	1972	Clarkson College of Technology	210.84
195	TH706	Elimination of dilute sulphur dioxide by macro reticular ion exchange resins using a cyclic operation in a packed bed	Tsobanopoulos, Vasilios	PhD	1973	Carnegie Mellon University	260.40
196	TH736	Growth and characterization of Gallium-Nitride vapor phase epitaxial layers and devices	Liu, Samuel Sheau-ming	PhD	1977	Standford University	232.40
197	TH779	Optimization of multistage heat exchange systems	Bragin, Morey S.	PhD	1966	Polytechnic Institute of Brooklyn	134.40
198	TH80	Studies on civil air transportation in India	Dhingra, M.M.	Project Report	1969	IIT Kanpur	0
199	TH82	Vibrational characteristics of multi-storey infilled frames	Mallick, D.V.	PhD	1967	University of Bristol	0
200	TH835	Fracture morphology of nylon 6 fibres	Park, Joon Bu	PhD	1972	University of Utah	0
201	TH836	Molecular mechanics of polymers by dynamic infrared techniques	Wool, Richard Patrick	PhD	1974	University of Utah	0
202	TH86	Manufacture of Hexamine from methanol	Kalia, Kailash C.	Project report	1970	IIT Delhi	0
203	TH884	Reduction of data dependencies in high level programs	Allan, Stephen John	PhD	1979	Iowa State University	0
204	TH91	Plane strain behaviour of soft clay	Hambly, E.C	PhD	1969	Cambridge University	0
205	TH94	Stress-strain characteristics of Badarpur sands	Chawla, Charanjit	M.Tech.	1971	IIT Delhi	0
206	TH958	Investigation of some management information systems design variables and decision-making performance: A simulation Experiment	Jenkins, Arnold Milton	PhD	1977	University of Minnesota	351.92
207	TH959	Experimental investigation of the contingency model of decision strategy selection	McAllister, Daniel Warren	PhD	1978	University of Washington	364.64
208	TH96	Design of type-112 photographic objective	Sharma, D.K.	M.Sc.	1969	University Of Tasmania	0

		and detailed study of its properties					
209	TH960	Study of MIS design variables: decision styles and decision-aiding strategy	Alavi, Maryam	PhD	1978	Ohio State University	364.64
210	TH961	Decision support system in the case of price policy for rice in the Philippines	Yassour, Joseph	Doctor of Business Administration	1979	Harvard University	381.60
211	TH97	Optical problems of the Ritchey Chretien Astronomical Telescope	Vyakaranam, M.L.N.	M.Sc.	1969	University of Tasmania	0
212	TH991	Operation of distributed database systems under network partitions	Faissol, Sergio Zarur	PhD	1981	University of California	347.52
213	TH992	Verification of concurrency control algorithms for distributed database systems	Hua, Cecil Tren-Min.	PhD	1981	University of Pittsburgh	347.52
Total							1,00,247.23