

## Infrastructure and other resources available

### Library

➤ Number of Library books/Titles/Journals available (programme-wise)

S. No	Course(s)	Number of titles of the books		Number of volumes		Number of Journals			
		Required*	Available	Required	Available	National		E. Journals International	
						Required	Available	Required	Available
1.	Mechanical	250	<b>4551</b>	1000	<b>12147</b>	<b>06</b>	<b>12</b>	<b>06</b>	<b>22 ASME ONLINE</b>
2.	Civil	250	<b>3146</b>	1000	<b>8985</b>	<b>06</b>	<b>10</b>	<b>06</b>	<b>30 ASCE ONLINE</b>
3.	Electronics / Electronics & Telecommunication	250	<b>2304</b>	1000	<b>7685</b>	<b>06</b>	<b>07</b>	<b>06</b>	<b>120 IEL ONLINE</b>
4.	Electrical	250	<b>1754</b>	1000	<b>6621</b>	<b>06</b>	<b>10</b>	<b>06</b>	
5.	Computer / Information Technology	250	<b>4743</b>	1000	<b>12335</b>	<b>06</b>	<b>11</b>	<b>06</b>	
6.	General Engg / Humanities	-----	<b>2728</b>	-----	<b>8281</b>	--	<b>14</b>	--	<b>02 Hard copy</b>
7.	General	-----	<b>1778</b>	-----	<b>2074</b>	--	--	--	--
8.	Bound Volumes	-----	<b>1889</b>	-----	<b>1889</b>	--	--	--	--
9.	Technical (EAT)	-----	<b>156</b>	-----	<b>232</b>	--	<b>19</b>	--	--
	<b>Total</b>	-----	<b>23049</b>	-----	<b>60249</b>	<b>83</b>		<b>174</b>	

- 1000 books to be added every year.

## LIST OF NATIONAL JOURNALS & PERIODICALS

Sr. No.	Title of Journals & Periodicals	Amount	
	<b>Mechanical Engineering</b>		
1.	Indian Jnl. of Environment Protection	2,000.00	10, 880.00
2.	Industrial Engineering Jnl.	500.00	
3.	Production Engineering (IEI)	200.00	
4.	Mechanical Engg. (IEI)	400.00	
5.	Jnl. of Scientific & Industrial Research	2,250.00	
6.	Jnl. of Industrial Pollution Control	500.00	
7.	Productivity Jnl.	1,200.00	
8.	Agriculture Engineering IEI	200.00	
9.	Industrial Product finder	750.00	
10.	Industrial Automation	1,600.00	
11.	Machine Tools	480.00	
12.	Resources Energy & Development	800.00	
	<b>EE / ET</b>		
13.	IETE Jnl. of Res.	500.00	3,325.00
14.	<b>IETE Technical Review</b>	500.00	
15.	<b>Electronics &amp; Telecommunication</b>	200.00	
16.	Electronics Information & Planning	350.00	
17.	Electronics Today	600.00	
18.	Electronics For You (With Cd)	575.00	
19.	<b>Electronics outlook II</b>	600.00	
	<b>CT / IT</b>		
20.	Dr. Dobb's Jnl.	2,919.00	14,554.00
21.	Computers Engineering (IEI)	200.00	
22.	Journal of advanced research in computer engg.	1,500.00	
23.	Journal of Intelligent computing and application	1,500.00	
24.	Data Quest	330.00	
25.	Digit With Cd	1,425.00	
26.	Information Technology	380.00	
27.	PC World	3,620.00	
28.	PC Quest With Cd	760.00	
29.	Linux for You With Cd	960.00	
30.	Chip	960.00	
	<b>Electrical Engineering</b>		
31.	Electrical India	750.00	8,850.00
32.	Ieema Journal	300.00	
33.	Electrical engineering (IEI)	400.00	
34.	Electrical & Electronics	480.00	
35.	Electrical Engineering Update	500.00	
36.	Electronics & Electrical Equipment Industry	450.00	
37.	Power Line (India's 1 <sup>st</sup> Power Journal)	900.00	
38.	Electronics Projects – 1 to 23 Vol. set total	3,840.00	
39.	Lighting India	750.00	
40.	Electronics Bazar	480.00	

	<b>Civil Engineering</b>		
41.	The Bridge & Structural Engineering	480.00	
42.	ICI Journal	1,000.00	
43.	Indian Concrete Jnl.	600.00	

44.	Indian Jnl of Engineering & Materials Science	1,000.00	6,018.00
45.	Civil Engg. (IEI)	400.00	
46.	Jnl. of Structural Engg.	750.00	
47.	Indian Water Works Association	200.00	
48.	Nicmar	1,000.00	
49.	Bulletin of Materials Science	300.00	
50.	Down To Earth	288.00	
	<b>Phy /Che / Math</b>		16,850.00
51.	Indian Journal of Pure & Applied Physics	1,950.00	
52.	Indian Jnl. of Bio-Chemistry of Bio-Physics	1,150.00	
53.	<b>Physics Education</b>	500.00	
54.	<b>Resonance</b>	400.00	
55.	Current Science	2,000.00	
56.	Pramana	500.00	
57.	Asian Jnl. of Chemistry	2,600.00	
58.	Bulletin of Pure & Applied Sc. C Chemistry	500.00	
59.	<b>Indian Ac. of Science Proc. Chemical Science</b>	300.00	
60.	<b>Indian Jnl. of Chemistry Section - A</b>	2,850.00	
61.	<b>Research Jnl. of Chemistry &amp; Environment</b>	1,000.00	
62.	Bulletin of the Calcutta Mathematical Society	1,200.00	
63.	Bulletin of Pure Applied Sc. E-Mathematics	500.00	
64.	Indian Jnl. of Pure & Applied Mathematics	1,400.00	
	<b>Technical (other)</b>	300.00	13,035.00
65.	Journal of Earth Systems Science		
66.	ICFAI Journal of Entrepreneurship Development	625.00	
67.	ICFAI Journal of Mgt. Research	625.00	
68.	ICFAI Journal of Operation Management	625.00	
69.	Institute of Engineers Environ. Engg.	200.00	
70.	Institutions of Engineering Technorama	300.00	
71.	Jnl. of Engineering Education	750.00	
72.	Indian Jnl. of Environmental Science & Engg.	600.00	
73.	Lab Experiments	600.00	
74.	Standards Indian Jnl.	700.00	
75.	Vikalpa	800.00	
76.	Indian Journal of Information Library & Society	485.00	
77.	Indian Journal of Technical Education	1,000.00	
78.	E-Business	625.00	
79.	Effective Executive	625.00	
80.	Engineering Advances	700.00	
81.	HRM Review	625.00	
82.	Popular Science	2,550.00	
83.	Sadhana	300.00	
	<b>Total -</b>	<b>73,512.00</b>	

[International Journals \(Online\)](#)

<b>Computer Technology</b>	
<b>Sr. No.</b>	<b>Titles of Journals</b>
<b>1.</b>	Audio, Speech and Language Processing, IEEE Transactions on [see also Speech and Audio Processing, IEEE Transactions on]
<b>2.</b>	Automation Science and Engineering, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]
<b>3.</b>	Computational Biology and Bioinformatics, IEEE/ACM Transactions on
<b>4.</b>	Computers and Digital Techniques, IEE Proceedings-
<b>5.</b>	Computers, IEEE Transactions on
<b>6.</b>	Dependable and Secure Computing, IEEE Transactions on
<b>7.</b>	Evolutionary Computation, IEEE Transactions on
<b>8.</b>	Fuzzy Systems, IEEE Transactions on
<b>9.</b>	Information Forensics and Security, IEEE Transactions on
<b>1.</b>	Information Security, IEE Proceedings
<b>11.</b>	Information Technology in Biomedicine, IEEE Transactions on
<b>12.</b>	Information Theory, IEEE Transactions on
<b>13.</b>	Knowledge and Data Engineering, IEEE Transactions on
<b>14.</b>	Mobile Computing, IEEE Transactions on
<b>15.</b>	Multimedia, IEEE Transactions on
<b>16.</b>	Networking, IEEE/ACM Transactions on
<b>17.</b>	Neural Networks, IEEE Transactions on
<b>18.</b>	Parallel and Distributed Systems, IEEE Transactions on
<b>19.</b>	Pattern Analysis and Machine Intelligence, IEEE Transactions on
<b>20.</b>	Robotics, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]
<b>21.</b>	Software Engineering, IEEE Transactions on
<b>22.</b>	Software, IEE Proceedings-
<b>23.</b>	Systems, Man and Cybernetics, Part A, IEEE Transactions on
<b>24.</b>	Systems, Man and Cybernetics, Part B, IEEE Transactions on
<b>25.</b>	Systems, Man and Cybernetics, Part C, IEEE Transactions on
<b>26.</b>	Visualization and Computer Graphics, IEEE Transactions on
<b>27.</b>	Wireless Communications, IEEE Transactions on
<b>28.</b>	Man Machine Systems IEEE Transactions on
<b>29.</b>	Systems Science and Cybernetics IEEE Transactions on
<b>Electronics Engineering</b>	
<b>30.</b>	Advanced Packaging, IEEE Transactions on [see also Components,

	Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on]
<b>31.</b>	Aerospace and Electronic Systems, IEEE Transactions on
<b>32.</b>	Antennas and Propagation, IEEE Transactions on
<b>33.</b>	Applied Superconductivity, IEEE Transactions on
<b>34.</b>	Biomedical Engineering, IEEE Transactions on
<b>35.</b>	Broadcasting, IEEE Transactions on
<b>36.</b>	Circuits and Systems for Video Technology, IEEE Transactions on
<b>37.</b>	Circuits and Systems II: Express Briefs, IEEE Transactions on [see also Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on]
<b>38.</b>	Circuits, Devices and Systems, IEE Proceedings-
<b>39.</b>	Communications, IEE Proceedings-
<b>40.</b>	Communications, IEEE Transactions on
<b>41.</b>	Component Parts, IEEE Transactions on
<b>42.</b>	Components and Packaging Technologies, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part A: Packaging Technologies, IEEE Transactions on]
<b>43.</b>	Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
<b>44.</b>	Consumer Electronics, IEEE Transactions on
<b>45.</b>	Device and Materials Reliability, IEEE Transactions on
<b>46.</b>	Display Technology, Journal of
<b>47.</b>	Electron Devices, IEEE Transactions on
<b>48.</b>	Electronic Materials, IEEE/TMS Journal of
<b>49.</b>	Electronics & Communication Engineering Journal
<b>50.</b>	Electronics Packaging Manufacturing, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part C: Manufacturing, IEEE Transactions on]
<b>51.</b>	Geoscience Electronics, IEEE Transactions on
<b>52.</b>	Human Factors in Electronics, IEEE Transactions on
<b>53.</b>	Image Processing, IEEE Transactions on
<b>54.</b>	Industrial Electronics and Control Instrumentation, IEEE Transactions on
<b>55.</b>	Industrial Electronics, IEEE Transactions on
<b>56.</b>	Lightwave Technology, Journal of
<b>57.</b>	Medical Imaging, IEEE Transactions on
<b>58.</b>	Microwave Theory and Techniques, IEEE Transactions on

<b>59.</b>	Microwaves, Antennas and Propagation, IEE Proceedings -
<b>60.</b>	Nanotechnology, IEEE Transactions on
<b>61.</b>	Optoelectronics, IEE Proceedings-
<b>62.</b>	Power Electronics, IEEE Transactions on
<b>63.</b>	Quantum Electronics, IEEE Journal of
<b>64.</b>	Radar, Sonar and Navigation, IEE Proceedings -
<b>65.</b>	Science, Measurement and Technology, IEE Proceedings-
<b>66.</b>	Selected Areas in Communications, IEEE Journal on
<b>67.</b>	Selected Topics in Quantum Electronics, IEEE Journal of
<b>68.</b>	Semiconductor Manufacturing, IEEE Transactions on
<b>69.</b>	Sensors Journal, IEEE
<b>70.</b>	Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
<b>71.</b>	Solid-State Circuits, IEEE Journal of
<b>72.</b>	Vehicular Communications, IEEE Transactions on
<b>73.</b>	Very Large Scale Integration (VLSI) Systems, IEEE Transactions on
<b>74.</b>	Vision, Image and Signal Processing, IEE Proceedings-
<b>75.</b>	Broadcasting and Television Receivers IEEE Transactions on
<b>76.</b>	Cable Television IEEE Transactions on
<b>Electrical Engineering</b>	
<b>77.</b>	Automatic Control, IEEE Transactions on
<b>78.</b>	Circuits and Systems I: Regular Papers, IEEE Transactions on [see also Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on]
<b>79.</b>	Computing & Control Engineering Journal
<b>80.</b>	Control Systems Technology, IEEE Transactions on
<b>81.</b>	Control Theory and Applications, IEE Proceedings-
<b>82.</b>	Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on]
<b>83.</b>	Electric Power Applications, IEE Proceedings-
<b>84.</b>	Electrical and Computer Engineering, Canadian Journal of
<b>85.</b>	Electromagnetic Compatibility, IEEE Transactions on
<b>86.</b>	Energy Conversion, IEEE Transactions on
<b>87.</b>	Generation, Transmission and Distribution, IEE Proceedings-
<b>88.</b>	Instrumentation and Measurement, IEEE Transactions on
<b>89.</b>	Magnetics, IEEE Transactions on
<b>90.</b>	Power Apparatus and Systems, IEEE Transactions on

<b>91.</b>	Power Delivery, IEEE Transactions on
<b>92.</b>	Power Systems, IEEE Transactions on
<b>93.</b>	Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
<b>Interdisciplinary / General / Other Category</b>	
<b>94.</b>	Computer-Aided Engineering Journal
<b>95.</b>	Education, IEEE Transactions on
<b>96.</b>	Engineering Science and Education Journal
<b>97.</b>	Geoscience and Remote Sensing, IEEE Transactions on
<b>98.</b>	Industrial Informatics, IEEE Transactions on
<b>99.</b>	Industry Applications, IEEE Transactions on
<b>100.</b>	Intelligent Transport Systems, IEE Proceedings
<b>101.</b>	Intelligent Transportation Systems, IEEE Transactions o
<b>102.</b>	Latin America Transactions, IEEE (Revista IEEE America Latina)
<b>103.</b>	Manufacturing Engineer
<b>104.</b>	Manufacturing Technology, IEEE Transactions on
<b>105.</b>	Microelectromechanical Systems, Journal of
<b>106.</b>	Nanobioscience, IEEE Transactions on
<b>107.</b>	Nanobiotechnology, IEE Proceedings-
<b>108.</b>	Neural Systems and Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Rehabilitation Engineering]
<b>109.</b>	Nuclear Science, IEEE Transactions on
<b>110.</b>	Oceanic Engineering, IEEE Journal of
<b>111.</b>	Plasma Science, IEEE Transactions on
<b>112.</b>	Proceedings of the IEEE
<b>113.</b>	Product Engineering and Production, IEEE Transactions on
<b>114.</b>	Professional Communication, IEEE Transactions on
<b>115.</b>	Reliability, IEEE Transactions on
<b>116.</b>	Systems Biology, IEE Proceedings
<b>117.</b>	Vehicular Technology, IEEE Transactions on
<b>118.</b>	Electronics Computer IEEE Transactions on
<b>Management</b>	
<b>119.</b>	Engineering Management Journal
<b>120.</b>	Engineering Management, IEEE Transactions on
<b>Mechanical Engineering</b>	
<b>121.</b>	Journal of Applied Mechanics
<b>122.</b>	Journal of Biomechanical Engineering
<b>123.</b>	Journal of Computational and Nonlinear Dynamics

<b>124.</b>	Journal of Computing and Information Science in Engineering
<b>125.</b>	Journal of Dynamic Systems, Measurement, and Control
<b>126.</b>	Journal of Electronic Packaging
<b>127.</b>	Journal of Energy Resources Technology
<b>128.</b>	Journal of Engineering for Gas Turbines and Power
<b>129.</b>	Journal of Engineering Materials and Technology
<b>130.</b>	Journal of Fluids Engineering
<b>131.</b>	Journal of Fuel Cell Science and Technology
<b>132.</b>	Journal of Heat Transfer
<b>133.</b>	Journal of Manufacturing Science and Engineering
<b>134.</b>	Journal of Mechanical Design
<b>135.</b>	Journal of Medical Devices
<b>136.</b>	Journal of Offshore Mechanics and Arctic Engineering
<b>137.</b>	Journal of Pressure Vessel Technology
<b>138.</b>	Journal of Solar Energy Engineering
<b>139.</b>	Journal of Tribology
<b>140.</b>	Journal of Turbo machinery
<b>141.</b>	Journal of Vibration and Acoustics
<b>142.</b>	Mechatronics, IEEE/ASME Transactions on
<b>Civil Engineering</b>	

- 143.** International Journal of Geomechanics
- 144.** Journal of Aerospace Engineering
- 145.** Journal of Architectural Engineering
- 146.** Journal of Bridge Engineering
- 147.** Journal of Cold Regions Engineering
- 148.** Journal of Composites for Construction
- 149.** Journal of Computing in Civil Engineering
- 150.** Journal of Construction Engineering and Management
- 151.** Journal of Energy Engineering
- 152.** Journal of Engineering Mechanics
- 153.** Journal of Environmental Engineering
- 154.** Journal of Geotechnical and Geoenvironmental Engineering
- 155.** Journal of Hydraulic Engineering
- 156.** Journal of Hydrologic Engineering
- 157.** Journal of Infrastructure Systems
- 158.** Journal of Irrigation and Drainage Engineering
- 159.** Journal of Management in Engineering

- 160.** Journal of Materials in Civil Engineering
- 161.** Journal of Performance of Constructed Facilities
- 162.** Journal of Professional Issues in Engineering Education and Practice
- 163.** Journal of Structural Engineering
- 164.** Journal of Surveying Engineering
- 165.** Journal of Transportation Engineering
- 166.** Journal of Urban Planning and Development
- 167.** Journal of Water Resources Planning and Management
- 168.** Journal of Waterway, Port, Coastal, and Ocean Engineering
- 169.** Leadership and Management in Engineering
- 170.** Natural Hazards
- 171.** Practice Periodical of Hazardous, Toxic, and Radioactive Waste Management
- 172.** Practice Periodical on Structural Design and Construction

**International Journals (Hard copy)**

<b>Chemistry</b>	
<b>Sr. No.</b>	<b>Titles of Journals</b>
<b>1.</b>	International Journal of Pure and Applied Chemistry
<b>2.</b>	Journal of Environmental Science Research International

**Chemistry**

<b>1.</b>	International Jnl. of Pure & Applied Chemistry	4/Yr	Jan – Dec 08	2,500.00
<b>2.</b>	Jnl. of Environmental Sc. research International	2/Yr	Jan – Dec 08	1,500.00
			Total -	4,000.00

➤ E-Library facilities

- Available  
CDs Available

S. No	Course(s)	Number of volumes	Total cost
		Available	
1.	Mechanical / Mgt.	12147	3175809.29
2.	Civil	8985	2025681.23
3.	Electronics / Electronics & Telecommunication	7685	2826544.21
4.	Electrical	6621	1702673.52
5.	Computer / Information Technology	12335	4092270.13
6.	General Engg / Humanities	8281	1506244.77
7.	General	2074	411065.36
8.	Bound Volumes	1889	-----
9.	Technical (EAT)	232	75503.46
	<b>Total -</b>	<b>60249</b>	<b>1,58,15,791.97</b>