

Completed Books

Work has been completed on the following books under the "Scilab Textbook Companion Project":

Aerospace Engineering:

1. Aircraft Propulsion, F. Saeed, John Wiley & Sons, Hoboken, 2009
2. Aircraft Structures For Engineering Students, T.H.G. Megson, Butterworth-Heinemann (Elsevier), Oxford UK, 2007
3. Fundamentals Of Aerodynamics, John D. Anderson Jr, Tata McGraw Hill, 2001
4. Introduction To Flight by John D. Anderson Jr, Tata McGraw Hill, New Delhi, 2010

Analog Electronics:

5. Operational Amplifiers & Linear Integrated Circuits, D.A. Bell, PHI, 2003
6. Basic Electrical And Electronics Engineering, R.R. Singh, Tata McGraw Hill, New Delhi, 2009
7. Basic Electronics, Debashis De, Pierson Education, Noida, 2010
8. Basic Electronics, R.D.S. Samuel, U.B. Mahadevaswamy, V. Nattarasu, Sanguine Technical Publishers, 2008
9. Basic Electronics and Linear Circuits, N.N. Bhargava, D.C. Kulshreshtha, S.C. Gupta, Tata McGraw Hill, New Delhi, 2008
10. Electronic Devices, L.T. Floyd, Dorling Kindersley Ltd, 2009
11. Electronic Devices and Circuits, K. Balbir, B.J. Shail, PHI Learning, New Delhi, 2007
12. Electronic Instrumentation And Measurements, D.A. Bell, Oxford, Noida, 2010
13. Electronic Principles, A.B. Malvil and D.J. Bates, Tata McGraw Hill, New Delhi, India, 2007
14. Electronics Device And Circuit, D.A. Bell, Oxford University, 2008
15. Electronics Devices And Circuit Theory, L.R. Boylestad, L. Nashelsky, Prentice Hall, 2009
16. Feedback Circuits and Operational Amplifiers, D.H. Horrocks, Chapman & Hall, 1990
17. Integrated Circuits, K.R. Botkar, Khanna Publishers, 2010
18. Microelectronic Circuits, A.S. Sedra, K.C. Smith, Oxford University Press, 2004
19. Modern Electronic Instrumentation And Measurement Techniques, D.A. Helfrick, D.W. Cooper, Dorling Kindersley Pvt. Ltd, India, 2009
20. Op-Amps and Linear Integrated Circuit, S. Sanjay, S.K. Kataria & Sons, 2008
21. Op-Amps and Linear Integrated Circuits, A.R. Gayakwad, Prentice Hall, New Delhi, 2004
22. Operational Amplifiers and Linear Integrated Circuits, F.R. Coughlin, F.F. Driscoll, Prentice Hall, 1998

Control Theory & Control Systems:

23. Automatic Control Systems, B. C. Kuo, F. Golnaraghi, Prentice Hall, 1995
24. Control Systems Engineering, I.J. Nagrath and M. Gopal, New Age Publisher, Delhi, 2007
25. Linear Control Systems, B.S. Manke, Khanna Publishers, 2009
26. Modern Control Engineering, K. Ogata, PHI, New Delhi, 2010
27. Nonlinear Dynamics and Chaos, S.H. Strogatz, Levant Books, 2007
28. Process Systems Analysis and Control, R. D. Coughnanowar, S. LeBlanc, McGraw-Hill International, 1991
29. Control Systems, S. Ghosh, Pearson Education, New Delhi, 2009, 2nd Edition

Digital Communications:

30. Digital Telephony, J.C. Bellamy, Sangjeev Offset Printers, Delhi, 2000
31. Electronic Communication Systems, G. Kennedy, D. Bernard, McGraw-Hill, 2006
32. Microwave Devices and Circuits, S.Y. Liao, Prentice-Hall, 2000
33. Microwave Engineering, D.M. Pozar, Addison-Wesley, 1993
34. Modern Digital And Analog Communication Systems, B.P. Lathi, Oxford Univ. Press, 1998
35. Optical Fiber Communications - Principles And Practice, J.M. Senior, Pearson Education, New Delhi, 2007
36. Radio-frequency And Microwave Communication Circuits, D.K. Mishra, John Wiley & Sons, New Jersey, 2004
37. Digital Communication, S. Haykin, Wiley India, New Delhi, 2010
38. Optical Fiber Communication, G. Keiser, New Delhi, 2010, 4th Edition

Digital Electronics:

39. Digital Principals and Applications, P.D. Leach, A.P. Malvino, G. Saha, Tata McGraw Hill, New Delhi, 2006
40. Integrated Electronics: Analog and Digital Circuits and Systems, J. Millman, C.C. Halkias, Tata McGraw, New Delhi, 1991
41. Modern Digital Electronics, R.P. Jain, Tata McGraw Hill, New Delhi, 2010
42. Semiconductor Physics and Devices, A.N. Donald, Tata McGraw Hill, New York, 2007
43. Solid State Electronic Devices, G.S. Ben, B. Sanjay, Prentice Hall, New Delhi, 2006
44. Switching and Finite Automata Theory, Zvi. Kohavi, McGraw Hill, 2008
45. Thyristors Theory And Applications, R.K. Sugandhi, K.K. Sugandhi, Wiley Eastern Limited, New Delhi, 1986

Signal Processing:

46. Digital Image Processing, Dr. S. Jayaraman, S. Esakkirajan, T. Veerakumar, Tata McGraw Hill, New Delhi, 2010
47. Digital Signal Processing, P.R. Babu, Scitech Publications, 2010
48. Digital Signal Processing: A Modern Introduction, A. Ambardar, Cengage Learning India, 2010
49. Principles of Linear Systems and Signals, B.P. Lathi, Oxford University Press, 2009
50. Schaums Outlines Signals and Systems, P.H. Hwei, Tata McGraw Hill, 2004
51. Signals and Systems, I. Nagrath, S. Sharan, R. Ranjan, Tata McGraw Hill, 2010
52. Signals And Systems, S. Ghosh, Pearson Education, New Delhi, 2007
53. Signals and Systems, S. Sharma, S.K. Kataria and Sons, 2006
54. Signals and Systems, A.V. Oppenheim, A.V. Willsky, S.H. Nawab, New Delhi, 1992, 2nd Ed.
55. Digital Signal Processing: Principle, Algorithms and Applications, Proakis, Manolakis, Dorling Kindersley, New Delhi, 2007

Electrical Engineering:

56. Electric Circuits, N. Mahmood, E. Joseph, Tata McGraw Hill, Delhi, 2007
57. Electric Machinery, A.E. Fitzgerald, Tata McGraw Hill, Singapore, 1992
58. Electric Machinery And Transformers, H.R. Hiziroglu & B.S. Guru, Oxford University, New York, 2004
59. Electrical Circuit Theory And Technology, B. John, Newnes, Rd. Wheeler, Burlington, 2003
60. Electrical Engineering Fundamentals, T.V. Del, K.A. Ghosh, New Delhi, 2009
61. Electrical Machines, S.K. Bhattacharya, McGraw Hill Education, 3rd Edition, New Delhi, 2009
62. Elements of Electromagnetics, M.N.O. Sadiku, Oxford University Press, 2001
63. Elements of Power System Analysis, W.D. Stevenson, McGraw Hill, Singapore, 1982
64. Engineering Circuit Analysis, W. Hayt, J. Kemmerly, D. Steven, Tata McGraw Hill, New Delhi, 2008
65. Generation of Electrical Energy, B.R. Gupta, S. Chand Publishing, New Delhi, 2011
66. Measurement Systems, O.D. Ernestand, N.M. Dhanesh, Tata McGraw Hill, 2007
67. Modern Power System Analysis, D.P. Kothari, I.J. Nagrath, Tata McGraw Hill, New Delhi, 2003
68. Principles of Electric Machines and Power Electron, P.C. Sen, John Wiley & Sons, New York, Singapore, 1989
69. Principles of Power Systems, V.K. Mehta, R. Mehta, S Chand Publication, New Delhi, 2009
70. Radio Frequency Circuit Design, L. Reinhold, B. Gene, Pearson Education, New Delhi, 2011
71. Theory of Alternating Current Machinery, S.L. Alexander, Tata McGraw Hill, 1999
72. Engineering Electromagnetic, W. Hayt, J. Buck, Tata McGraw Hill, New Delhi

Chemical Engineering:

73. Basic Principles And Calculations In Chemical Engineering, D.M. Himmelblau, Phi Learning, New Delhi, 2004
74. Chemical Engineering-Fluid Flow, Heat Transfer and Mass Transfer-Vol.1, J.M. Coulson, J.F. Richardson with J.R. Backhurst and J.H. Marker, Elsevier India, 2006
75. Coulson And Richardson's Chemical Engineering, Volume 2 by J.F. Richardson, Elsevier India, 2006
76. Elementary Principles of Chemical Processes, R.M. Felder, R.M. Rousseau, Wiley India, New Delhi, 2010
77. Elements of Mass Transfer (Part 1), Ananthara-

man, Begum Sheriffa, Prentice Hall of India New Delhi, 2005

78. Mass-Transfer Operations, R.E. Treybal, McGraw Hill, Malaysia, 1980
79. Elements of Chemical Reaction Engineering, H.S. Fogler, New Jersey, 2009, 3rd Edition
80. Unit Operations of Chemical Engineering, W.L. McCabe, J.C. Smith, P. Harriott, New Delhi, 1993, 5th Edition
81. Chemical Reaction Engineering, Levenspiel, Octave, Wiley India, Delhi, 2008

Fluid Mechanics:

82. Fundamentals of Fluid Mechanics, B.R. Munson, D.F. Young, T.H. Okii, 2007
83. Introduction to Fluid Mechanics, Fox and Mc donald, Wiley & Sons, Delhi, 2001, 5th Edition

Heat Tranfer & Thermodynamics:

84. Elements Of Heat Transfer, M. Jakob, G.A. Hawkins, John Wiley & Sons, New York, 1957
85. A Heat Transfer Text Book, J.H. Lienhard 4th and J.H. Lienhard 5th, Phlogiston Press, 2008
86. Applied Thermodynamics, O. Singh, New Age International, 2009
87. Chemical Engineering Thermodynamics, S. Sundaram, R.N. Ahuja Book Co., New Delhi, 1998
88. Chemical Engineering Thermodynamics, K.V. Narayanan, Prentice Hall, Delhi, 2011
89. Engineering & Chemical Thermodynamics, Koretsky, D. Milo, Wiley India, New Delhi, 2010
90. Fundamental Of Engg Thermodynamics, M.J. Moran, H.N. Shapiro, John Wiley & Sons Ltd, Southern Gate, 2006
91. Fundamentals Of Heat And Mass Transfer, Bergman, Lavine, Incropera, Dewitt, Wiley India, 2010
92. Fundamentals of Thermodynamics, C. Borgnakke, E.R. Sonntag, Wiley India, 2010
93. Heat And Mass Transfer-A Practical Approach, Y.A. Cengel, McGraw Hill, New York, 2006
94. Introduction to Chemical Engineering Thermodynamics, J.M. Smith, H.C. Van Ness, M.M. Abbott, McGraw Hill Companies, New York, 2001
95. Textbook Of Heat Transfer, S.P. Sukhatme, Universities Press, 2005
96. Thermodynamics (SI Units) Sie 6e, Cengel, Tata McGraw Hill, 2008

Mechanical Engineering:

97. A Textbook Of Machine Design, R.S. Khurmi, J.K. Gupta, S. Chand & Co., New Delhi, 2010
98. Materials Science And Engineering: An Introduction, W.D. Callister, John Wiley & Sons, USA, 2007

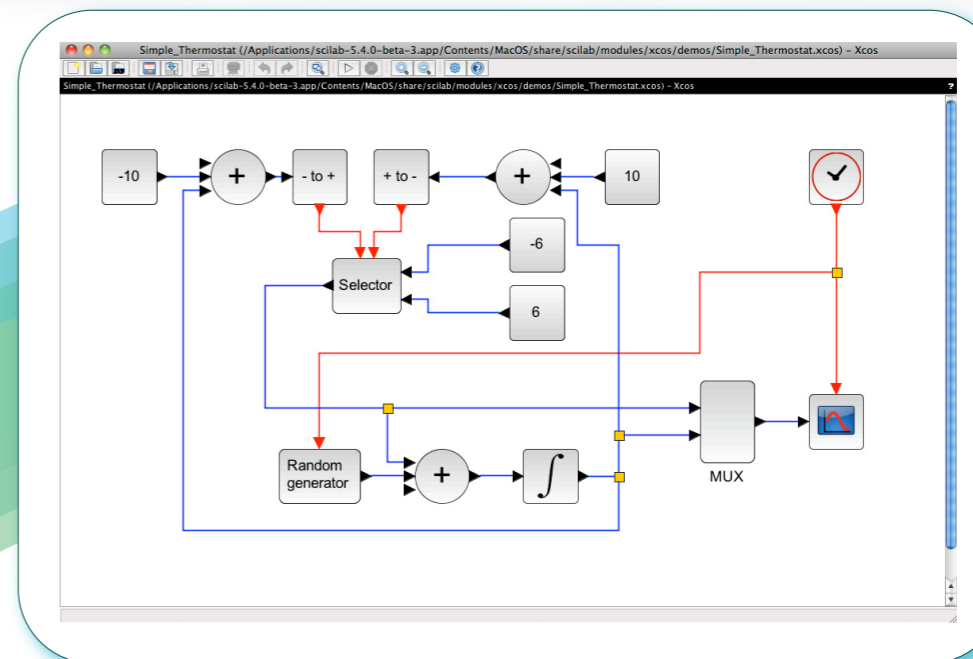
Sciences:

99. An Introduction To Numerical Analysis, K.E. Atkinson, John Wiley & Sons, 2001
100. Discrete Mathematics, S. Lipschutz, M. Lipson, V.H. Patil, Tata McGraw Hill, 2009
101. Elementary Numerical Analysis: An Algorithmic Approach, C.S. Daniel, B.W. Carl De, Tata McGraw Hill, 1980
102. Higher Engineering Mathematics, B.S. Grewal, Khanna Publishers, Nai Sarak Delhi, 2007
103. Introduction To Numerical Methods In Chemical Engineering, P. Ahuja, Phi Learning, 2010
104. Linear Algebra and its Applications, G. Strang, Cengage Learning, 2011
105. Linear Algebra and its applications, C.L. Davis, Pearson Addison - Wesley, 2006
106. Numerical Analysis, I. Jacques, J.J. Colin, Chapman & Hall Ltd, London, 1987
107. Numerical Methods, E. Balaguruswamy, Tata McGraw, New Delhi, 1999
108. Numerical Methods For Scientific And Engineering Computation, M.K. Jain, S.R.K. Iyengar, R.K. Jain, New Age Int., 2007
109. Probability And Statistics For Engineers And Scientists, Sheldon M. Ross, Elsevier, New Delhi, 2005
110. Textbook Of Engineering Chemistry, R.N. Goyal, H. Goel, NE Books Ltd, New Delhi, 2009
111. Concepts of Modern Physics, A. Beiser, Tata McGraw Hill, 2006
112. A Textbook Of Engineering Physics, M.N. Avadhanuluand, P.G. Kshirsagar, S. Chand Company, New Delhi, 2011
113. Modern Physics, K.S. Kenneth, John Wiley & Sons, 1996

Computer Programming:

114. Data structures using C and C++, Y. Langsam, A. Moshe, A.M. Tenenbaum, PHI, 2006

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- IC Engines
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