



SURIGAO STATE COLLEGE OF TECHNOLOGY  
Surigao City Campus

**List of Books for Bachelor of Science in Computer Engineering (BSCpE)**


(As of April 2018)

SUBJECT	Call #	TITLE	AUTHOR	EDITION	PUBLICATION DATE	TITLES	VOLUMES
Electronics 1	621.3	Basic Electrical and Electronics Engineering	3G Learning		2014	1	2
	621. 381 5	Electronic Devices & Circuits	3G Learning		2014	1	2
	621.381	Electronics Principles and Applications	Schuler		2013	1	3
	621.381	Electronics an Introduction 6/e	Gates		2012	1	4
			TOTAL			4	11
Electronics 2	621. 381 5	Electronic Devices & Circuits	3G Learning		2014	1	2
	621.381	Electronics Principles and Applications	Schuler		2013	1	3
	621.381	Electronics an Introduction 6/e	Gates		2012	1	4
			TOTAL			3	9
Circuits 1		Fundamentals of Electrical Engineering 3/e	Prasad		2014	1	1
	621.319	Applied Circuit Analysis	Sadiku		2013	1	1
		A textbook of electrical Engineering	Gupta		2012	1	1
	621.319	Introduction to Electric Circuits 8/e	Dorf		2011	1	1
		Electrical Networks & Circuits	Manke		2010	1	1
	621.319	Fundamentals of Electric Circuits 3rd ed.	Alexander Sadiku		2007	1	1
	621.319	Fundamentals of Electric Circuits 3rd ed.	Alexander Sadiku		2007	1	1
	621.319	Circuits	Carlson		2000	1	2
			TOTAL			8	9
Circuits 2		Fundamentals of Electrical Engineering 3/e	Prasad		2014	1	1
	621.319	Circuit Theory	3G Learning		2014	1	1
	621.319	Applied Circuit Analysis	Sadiku		2013	1	1
		A textbook of electrical Engineering	Gupta		2012	1	1
		Electrical Networks & Circuits	Manke		2010	1	1
			TOTAL			5	5
Advanced Logic Circuit	621.381	Digital Circuit and Logic Design w/DVD	3G Learning		2014	1	1
	621. 381 5	Electronic Devices & Circuits	3G Learning		2014	1	2
		VLSI Design	Pratima Manhas, Shaveta Thakral		2013	1	1
	621.319	Applied Circuit Analysis	Sadiku		2013	1	1
	621.319	Circuits	Carlson		2000	1	2
			TOTAL			5	7
Data Structures and Algorithm Analysis	005.73	Creating Data Structures in C++: A Guide 2/e	D.S. Malik		2012	1	1
	005.1	Mastering Algorithm with C	Gupta		2010	1	5
	005.73	Data Structures and Algorithms in C++	Adam drozdek		2007	1	5
			TOTAL			3	11
Computer Organization with Assembly Language	001.64	Computer Systems Organization w/ Assembly Language	Teodoro Revano		2010	1	5
	001.64	Computer System Architecture	Marwah		2010	1	3
	004.22	Computer Organization 5/e	HAMACHER		2002	1	6
			TOTAL			3	14

Object Oriented Programming	005.13	Programming Languages 3rd ed.	Kenneth C. Louden, et.al		2012	1	1
	005.13	C++ Programming Design 3/e	COHOON\DAVIDSON		2002	1	1
	005.13	Object Oriented Programming with C++	Blatia		2010	1	1
			TOTAL			3	3
Digital Signal Processing	621. 382 2	Digital Signal Processing w/ DVD	3G Learning		2014	1	1
		Engineering Computation with MATLAB 3/e	Smith		2013	1	1
	621. 382 2	Understanding Digital Signal Processing	Lyons		2011	1	1
	621.382 2	Radar Signal Analysis & Processing Using MatLab	Mahafsa		2011	1	1
			TOTAL			4	4
Operating Systems	005.4	Operating Systems 7th ed.	Stallings		2013	1	1
	005.4	Operating Systems	McHoes		2011	1	3
			TOTAL			2	4
Microprocessor System		Microprocessors & Multicore Systems a conceptual Approach	A.P. Godse, D.A. Godse		2014	1	1
		Microprocessors	Shweta Goyal, Swati Gargust		2014	1	1
	004.16	Microprocessors with DVD	3G Learning		2014	1	2
	629.892	Robotics and Automation Handbook	Thomas Kurfess		2013	1	1
		Microprocessor Techniques	A.P. Godse, D.A. Godse		2013	1	1
	629.892	Introduction to Robotics: Analysis, Control, Applications 2/e	Niku		2011	1	1
	004.16	Microprocessor principles and applications	GILMORE		1996	1	1
			TOTAL			7	8
Software Engineering		Software Engineering	K.L. James		2011	1	1
	005.1	Software Engineering	Kassem A. Saleh		2010	1	6
	005.1	Object Oriented & Classical Software Engineering 6/E	S. R. SCHACH		2005	1	1
	005.1	Software Engineering Principles and Practice 2/E	Han Van Vliet		2000	1	5
			TOTAL			4	13
Computer System Architecture w/ Interfacing Technique	001.64	Computer Architecture and Assembly Language	Anthony J. Dos Reis		2012	1	1
		Architecture and Programming of 8051 Microcontroller	Alka Kalra, Sanjeev Kumar Kalra		2010	1	1
	004.6	Data Communication and Networking	Behrouz A. Forouzan		2004	1	1
			TOTAL			3	3
System Analysis & Design	005.1	System Analysis & Design 6/e	Whitten		2004	1	5
	005.1	System Analysis & Design 5/e	Kendall		2002	1	5
	005.1	System Analysis & Design with case tools	Fertruck		1992	1	1
			TOTAL			3	11
Feedback and Control Systems	629.8	Control System Applications	W. Levine		2000	1	1
	629. 832	Linear Control System Analysis Design	S. DAZZO\ C. HOUP LIS		1995	1	4
	629.83	Feedback Control Systems 2nd ed.	C. Philips		1991	1	1
			TOTAL			3	6
Logic and Switching Theory	621.381 537	Routing & Switching Essentials lab manual	CISCO		2014	1	1
	621.395	Digital Circuit and Logic Design w/DVD	3G Learning		2014	1	2
			TOTAL			2	3
Principles of Communications	621. 381	Electronic Principle 5th ed.	Albert Paul Malvino		1997	1	10
	621. 382	The Communication Handbook	J. Gibson		1997	1	1
	621. 38	Electronic Communication System 4th Ed.	Kenny Davis		1993	1	4
			TOTAL			3	15

Data Communications and Networking 1		Computer Networks	Dr. Sanjay Sharma		2012	1	1
	004.6	Data Communication and Networking	Behrouz A. Forouzan		2004	1	1
			<b>TOTAL</b>			<b>2</b>	<b>2</b>
Data Communications and Networking 2		Computer Networks	Dr. Sanjay Sharma		2012	1	1
	004.6	Data Communication and Networking	Behrouz A. Forouzan		2004	1	1
			<b>TOTAL</b>			<b>2</b>	<b>2</b>
Data Communications and Networking 3		Computer Networks	Dr. Sanjay Sharma		2012	1	1
	004.6	Data Communication and Networking	Behrouz A. Forouzan		2004	1	1
			<b>TOTAL</b>			<b>2</b>	<b>2</b>
Data Communications and Networking 4	004.6	Data Communication and Networking	Behrouz A. Forouzan		2004	1	1
			<b>TOTAL</b>			<b>1</b>	<b>1</b>
CpE Laws Code Ethics, etc	620.86	Handbook of Industrial System Safety Engineering and Risk Assessment	Gaumer		2012	1	1
			<b>TOTAL</b>			<b>1</b>	<b>1</b>
<b>ELECTIVES</b>							
CpE Elective 1 Embedded Systems		Microcontroller and Embedded Sysytems	Ankaj Gupta		2013	1	1
	629.892	Introduction to Robotics: Analysis, Control, Applications 2/e	Niku		2011	1	1
			<b>TOTAL</b>			<b>2</b>	<b>2</b>
CpE Elective 2	629.892	Robotics and Automation Handbook	Thomas Kurfess		2013	1	1
	629.892	Introduction to Robotics: Analysis, Control, Applications 2/e	Niku		2011	1	1
			<b>TOTAL</b>			<b>2</b>	<b>2</b>
CpE Elective 3	629.892	Robotics and Automation Handbook	Thomas Kurfess		2013	1	1
	629.892	Introduction to Robotics: Analysis, Control, Applications 2/e	Niku		2011	1	1
			<b>TOTAL</b>			<b>2</b>	<b>2</b>
CpE Elective 4 Data Base Management		Introduction to Data Base Management System	Divya Tanwar		2015	1	1
			<b>TOTAL</b>			<b>1</b>	<b>1</b>

Prepared by:

  
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### SUMMARY OF LIBRARY HOLDINGS FOR BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

(As of April 2018)

SUBJECT	NUMBER OF TITLES	NUMBER OF VOLUMES
Electronics 1	4	11
Electronics 2	3	9
Circuits 1	8	9
Circuits 2	5	5
Advanced Logic Circuit	5	7
Data Structures and Algorithm Analysis	3	11
Computer Orgaization with Assembly Language	3	14
Object Oriented Programming	3	3
Digital Signal Processing	4	4
Operating Systems	2	4
Microprocessor System	7	8
Software Engineering	4	13
Computer System Architecture with Interfacing Techniques	3	3
System Analysis & Design	3	11
Feedback and Control Systems	3	6
Logic and Switching Theory	2	3
Principles of Communications	3	15
Data Communication and Networking 1, 2, 3 & 4	2	2
CpE Laws Code Ethics, etc.	1	1
Elective 1: Embedded Systems	2	2
Elective 2 & 3	2	2
Elective 4: Data Base Management	1	1

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