Shri G.P.M. Degree College

Degree College: Affiliated to University of Mumbai.

Junior College : Recognized by Maharashtra State Board of Secondary & Higher Secondary Education Pune.

(Committed to Excellence in Education)

Course : BCA   BOOKLIST : 2023-24

Semester : I			
Sr. No.	Subject Name / Title of the Book	Notebook	Text Books / Reference Books
1	English Communication	1 Notebook, A4 size, 196 pages	1. University Notes 2. Professional Communication, Aruna Koneru, Tata McGraw Hill
2	Mathematics	1 Notebook, A4 size, 196 pages	1. University Notes 2. Discrete Mathematics with Applications, Sussana S. Epp, Cengage Learning
3	Problem Solving using Computers	1 Notebook, A4 size, 196 pages	1. Imperative Programming, Smruti Nanavaty & Others, Tech Knowledge Publications (Book for UoM – FY B.Sc. IT, Sem. I) 2. Introduction to the Design and Analysis of Algorithms", Anany Levitin, Pearson, 3rd Edition, 2011 3. Fundamentals of Computers, Author: Rajaraman V
4	Programming Using C++	1 Notebook, A4 size, 196 pages	1. Object Oriented Programming, Harish G. Narula & Others, Tech Knowledge Publications (Book for UoM – FY B.Sc. IT, Sem. II) 2. Object-Oriented Analysis and Design, Timothy Budd, TMH 3. Object-Oriented Programming with C++, E. Balaguru samy, Tata McGraw Hill

Kindly Note -

1. The student can purchase the Pvt. Publication Textbooks from the below address also under 50% Cash Back Policy*.

   The Book Shop - Books Emporium

   Address - Opp. Chinai College, Old Nagardas Road, Andheri East. Mumbai - 400 069

   * The refund of 50% of the cost of the books in next year is sole activity/responsibility of the book shop 'Books Emporium' under its terms and conditions. The college has no responsibility for the same under any circumstances.

2. Dear student Practical-Work has immense value for your academic excellence in computer field. You should have a Computer System/Laptop with below configuration with you at home.

Laptop Configuration

1. Processor (CPU): Intel Core i3
2. Operating System: Microsoft Windows 10 Professional x 64bit
3. Memory: 8 GB RAM
4. Storage: 500 GB internal storage drive
5. Monitor/Display: 14" LCD monitor, resolution of 1600 x 900 or better
6. Network Adapter: 802.11ac 2.4/5 GHz wireless adapter
7. Internal or external Webcam, Headphones

Softwares

1. Visual Studio
2. Python 3.10.6
3. MySQL Workbench
4. Anaconda / Google Colab / Kaggle notebook
5. Eclipse ide for Java

		Semester : II	
Sr. No	**Subject Name / Title of the Book**	**Notebook**	**Text Books / Reference Books**
1	Environmental Studies	1 Notebook, A4 size, 196 pages	1. University Notes 2. Singh Savindra (2003) Environmental Geography, Prayag Pustak Bhawan, Allahabad.
2	Statistics	1 Notebook, A4 size, 196 pages	1. University Notes 2. Mood, A. M., and Graybill, F. A. and Boes D.C. (1974). Introduction to the Theory of Statistics, Ed. 3, McGraw Hill Book Company.
3	Data Structure Using C++	1 Notebook, A4 size, 196 pages	1. Data Structure Using C++ by Rubeena Mohammed, Notion Press. (Text book – The Students should have this book) 2. An Introduction to Data Structure with Applications, Jean-Paul Tremblay and Paul Sorenson, Tata MacGraw Hill 3. Data structure and land algorithms in C, Weiss, MarkAllen, Addison Wesley
4	Computer Networks	1 Notebook, A4 size, 196 pages	1. University Notes 2. Computer Networks, Andrew Tanenbaum, Pearson

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Softwares

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5. Eclipse ide for Java

Semester : III			
Sr. No.	Subject Name / Title of the Book	Notebook	Text Books / Reference Books
1	Python Programming	1 Notebook, A4 size, 196 pages	1. University Notes
2	Web Technologies	1 Notebook, A4 size, 196 pages	1. University Notes 2. Web Design The Complete Reference, Thomas Powell, Tata McGraw Hill
3	Database Management Systems	1 Notebook, A4 size, 196 pages	1. University Notes 2. Database System and Concepts, A Silberschatz, H Korth, S Sudarshan, McGraw Hill
4	Operating System	1 Notebook, A4 size, 196 pages	1. University Notes 2. Modern Operating Systems, Andrew S. Tanenbaum, Herbert Bos, Pearson

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Softwares
1. Visual Studio
2. Python 3.10.6
3. MySQL Workbench
4. Anaconda / Google Colab / Kaggle notebook
5. Eclipse ide for Java

Semester : IV			
Sr. No.	Subject Name / Title of the Book	Notebook	Text Books / Reference Books
1	Financial and Investment Skills	1 Notebook, A4 size, 196 pages	1. University Notes
2	Computer System Architecture	1 Notebook, A4 size, 196 pages	1. University Notes 2. William Stallings (2010), Computer Organization and Architecture- designing for performance, 8th edition, Prentice Hall, New Jersy.
3	So Prentice-Hallering	1 Notebook, A4 size, 196 pages	1. Universi Prentice-Hallce-Hall Engineering: Principles and Practices", Deepak Jain, OXFORD University Press,
4	Java	1 Notebook, A4 size, 196 pages	1. University Notes 2. E. Balagurusamy, Programming with Java, Tata McGraw-Hill Education India, 2014

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Softwares

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2. Python 3.10.6
3. MySQL Workbench
4. Anaconda / Google Colab / Kaggle notebook
5. Eclipse ide for Java

Semester : V			
Sr. No.	Subject Name / Title of the Book	Notebook	Text Books / Reference Books
1	E-Commerce Technologies	1 Notebook, A4 size, 196 pages	1. University Notes 2. E-Commerce by -Kamlesh K Bajaj and Debjani Nag
2	Advance Java	1 Notebook, A4 size, 196 pages	1. University Notes 2. Core java –II By Cay S. Horstmann and Gary Cornell
3	LINUX Administration	1 Notebook, A4 size, 196 pages	1. University Notes 2. Red Hat Enterprise Linux 6 Administration, Sander Van Vugt, John Waley and Sons
4	Quantitative Aptitude	1 Notebook, A4 size, 196 pages	1. University Notes 2. Quantitative Aptitude, Sarvesh K. Verma

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Semester : VI			

Sr. No.	Subject Name / Title of the Book	Notebook	Text Books / Reference Books
1	Personality And Career Skills	1 Notebook, A4 size, 196 pages	1. University Notes
2	Android Programming	1 Notebook, A4 size, 196 pages	1. University Notes 2. "Beginning Android 4 Application Development", Wei-Meng Lee, March 2012, WROX
3	PHP Programming	1 Notebook, A4 size, 196 pages	1. University Notes 2. PHP: The Complete Reference, Steve Holzner

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