



CSMSS
CHH. SHAHU COLLEGE OF ENGINEERING
KANCHANWADI, AURANGABAD - 431002

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Library File

The Departmental Library of Artificial Intelligence and Data Science at Chhatrapati Shahu College of Engineering is a specialized resource center designed to cater to the academic and research needs of students and faculty within the department. It houses a carefully curated collection of books, journals, reference materials, and project reports aligned with the curriculum and research focus of the department. This dedicated library complements the central library by providing access to resources specific to the department's areas of study, ensuring that users have targeted and efficient access to relevant academic materials.

The library is updated regularly to include the latest editions of textbooks, industry publications, and research materials, reflecting advancements in the field. It also offers digital resources, including access to e-books, e-journals, and online databases, ensuring that students and faculty remain informed about the latest developments in their discipline. A user-friendly cataloging and resource management system facilitates easy access to materials, while a dedicated space within the library provides a conducive environment for focused study and research.

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Department Library

SR. NO.	Book Name	Author Name	Qty.	Remarks
1	Hasure Sachitra English Speaking Course english to marathi		2	
2	Objective general english	S P Bakshi	1	
3	Industry 4.0	Achyut Godbole	1	
4	Airificial Intelligence	i) Achyut Godbole ii) Stuart Russell,peter Norvig	2	
5	Linux	Richard Peterson	2	
6	UNIX Concepts & Applications	Sumitabha Das	2	
7	DATA ANALYTICS	Anil Maheshwari	1	
8	Computer System Architecture	i) P.V.S. Rao ii) M.Morris Mano	2	
9	Demystifying Artificial Intelligence	Prashant Kikani	1	
10	The potential of Generative AI	Divit Gupta, Anushree srivastava	1	
11	Data Analytics Using R	Seema Acharya	1	
12	Data Scientist Pocket Guide	Mohamed Sabri	1	
13	Data Science fundamentals and Practical Approaches	Dr. Gypsy Nandi,Dr. Rupam Kumar Sharma	1	
14	Capitalizing Data Science	Mathangi Sri Ramachandran	1	
15	Handbook of computer science& engineering		1	
16	full stack serverless	Nader Dabit	1	
17	Big Data (blackbook)		1	
18	Data Mining	Margaret Dunham	1	
19	Data Mining & Warehausing	Nitin Sakhare, Dr. Amol Dhumane	1	
20	Data Mining concepts and techniques	Jiawei Han	1	
21	Data Communication and networking	Forouzan	2	
22	Discrete Mathematics and its applications	kenneth Rosen	1	
23	Digital Image Processing	Pearson	1	
24	Coding for beginners	BPB Publications	1	
25	Web Designing and Publishing	Manish Mathur	1	
26	Cloud Computing	Kamal Hiran, Mehul Mahrishi	1	
27	Industrial Engineering		1	
28	Neural Network for beginners	Sebastian Klaas	1	
29	Programming Pig	Alan Gates& Daniel Dai	1	
30	Research Methodology methods and techniques	C R Kothari, Gaurav Garg	1	
31	Data Science with Juypyter	Prateek Gupta	1	
32	Beginning Node.js	Greg Lim	1	
33	Real Time Cocepts for Embedded systems	Qing Li	1	

SR. NO.	Book Name	Author Name	Qty.	Remarks
34	Numerical Methods for Engineers	Chapra Canale	2	
35	The Hundred-page machine learning book		1	
36	Machine learning approaches for better environment	khaja mannanuddin	1	
37	Machine learning with python	Abhishek Vijayvargia	1	
38	Machine learning using python	Manaranjan Pradhan, U Dinesh Kumar	1	
39	Machine Learning in Production	Andrew Kelleher, Adam Kelleher	1	
40	Machine learning a Practitioner's Approach	Vinod Chandra S.S.	1	
41	Python with machine learning	Dr. A Krishna Mohan, Dr. T Murali Mohan	1	
42	Machine learning: a reinforcement learning	Mr. Anil kumar chanchal	1	
43	Deep Learning for NLP	Sunil Patel	1	
44	Deep learning a practitioner's approach	Patterson & Gibson	1	
45	Neural Network and deep learning	charu c. aggarwal	1	
46	Artificial Intelligence and deep learning for decision makers	Dr. Jagreet Kaur, Navdeep gill	1	
47	Beginning anomaly detection using python- based deep learning	sridhar alla, suman adari	1	
48	Essentials of deep learning and AI	Shashidhar soppin, B N Chandrashekhar	1	
49	Fundamentals of deep learning and computer vision	nikhil singh, paras ahuja	1	
50	Deep learning using python	wiley	1	
51	Practical deep learning for cloud,mobile & edge	Anirudh Koul, Siddha ganju	2	
52	Practical statistics for data scientists	Peter bruce, andrew Bruce	1	
53	Programming Pytorch for Deep learning	Ian Pointer	1	
54	Deep learning with python	Francois Chollet	8	
55	Hands-on GPU Programming with Python and CUDA	Dr. Brian Tuomanen	1	
56	Code with Python	S.Chand	1	
57	Think Python	Allen B. Downey	1	
58	Learning with Python	Allen B. Downey, Chris Meyers	1	
59	Python Internals For Developers	Sonam Bhatia	1	
60	Data Structures with Python	Dr. Harsh Bhasin	1	
61	Hands-on GPU Programming with Python	Avimanyu Bandyopadhyay	1	
62	Python for Programmers	Paul Deitel	2	
63	let us python	yashwant kanetkar,aditya kanetkar	4	
64	Python Programming using problem solving approach	Reema Thareja	1	
65	python programming for beginners		3	
66	The complete reference Python	Martin C. Brown	1	
67	Learning openCV 4 Computer vision with python 3	joseph howse and joe minichino	1	
68	NLP With Python	Sachin Srivastava	1	
69	Operating System concepts	wiley	2	
70	Modern Operating System	Tanenbaum	2	
71	Computer Network	Tanenbaum	4	

SR. NO.	Book Name	Author Name	Qty.	Remarks
72	operating systems	Godbole kahate	1	
73	Computer Network and cloud computing	Nitin Sakhare, Dr. Amol Dhumane	1	
74	Digital Communication and Information Theory	Dr. G.R.Patil	1	
75	Data Structures & Algorithms Using C++	R.S.Salaria	1	
76	Data Structures & Algorithms Made easy in JAVA	Narasimha Karumanchi	1	
77	Data Structures & Algorithms thinking with Python	Narasimha Karumanchi	3	
78	Data Structures & Algorithms Made easy	Narasimha Karumanchi	2	
79	Algorithm Design Techniques	Narasimha Karumanchi	1	
80	Data Structures, Algorithms and Applications in JAVA	Sahni	1	
81	Fundamental of Data Structures	Varsha Patil	1	
82	Data Structures & Algorithms in C++	Adam Drozdek	1	
83	Data Structures & Algorithms using Python	Hemant Jain	1	
84	Hadoop the definitive guide	Tom White	1	
85	System Programming and Operating Systems	D M Dhamdhare	1	
86	Algorithm Design	Jon Kleinberg, Eva Tardos	1	
87	Introduction To Algorithms	Cormen, Leiserson	1	
88	Fundamentals Of Computer Algorithms	Horowitz,Sahni, Rajasekaran	3	
89	Design and Analysis of Algorithms	Shridhar	1	
90	Computer organization & Architecture	i)Stallings, ii) Made Easy Publications	3	
91	Genetic Algorithms	Goldberg	1	
92	Programming the World wide web	Pearson	2	
93	Object Oriented Programming With C++	Balagurusamy	2	
94	Programming in Ansi C	Balagurusamy	2	
95	Data Structures Through C	Yashavant kanetkar	2	
96	Problem Solving and Computer programming using C	Binu A	1	
97	Fundamental of Data Structures in C++	Horowitz,Sahni, Mehta	1	
98	Computing Fundamentals & C Programming	E. Balagurusamy	1	
99	Artificial Neural Networks	B. Yegnanarayana	3	
100	Software Engineering (a practitioner's approach)	Roger's S. Pressman	4	
101	Software Engineering	Jibitesh Mishra, Ashok Mohanty	1	
102	Object eriented software engineering	ivar jacobson, magnus christerson,patrik jonsson	1	
103	Database Systems	Ramez Elmasri, shamkant Navathe	2	
104	PHP and MySQL	i)Hugh Williams & David Lane ii) Janet Valade	2	
105	Demystifying NoSQL	Seema Acharya	2	
106	Seven Databases in Seven weeks	Eric Redmond and Jim Wilson	1	
107	Database Management Systems	McGraw-Hill	2	
108	Advanced Database Systems	Dr. Sheetal Gujar-Takale, Sahil Shah	1	
109	The complete reference SQL	Groff Weinberg	1	

SR. NO.	Book Name	Author Name	Qty.	Remarks
110	Database Systems Concepts	Silberschatz, Korth, Sudarshan	2	
111	Probability & Statistics	Prof. Baphana, Prof. Shah	1	
112	Engineering Mathematics-III	i)R. D.Mahajan ii)S.R.Khillare, K.D.Kucche	2	
113	A course in Engineering Mathematics-III	Dr.B.B.Singh	12	
114	Applied Statistics and Probability for Engineers	wiley	1	
115	Engineering Mathematics-IV	S.R.Khillare, K.D.Kucche	1	
116	Engineering Maths	I.C.E.	1	
117	Higher Engineering Mathematics	i) S.Chand ii) B.S.Grewal	3	
118	Fundamental Statistics	S.C.Gupta	5	
119	Programming Javascript Applications	Elliott	1	
120	javascript from Beginner to Professional. Learn javascript quickly by building fun, interactive, and dynamic web apps, games, and more	Laurence Lars Svekis, Rob Percival	6	
121	Full stack javascript Development with MEAN	Adam bretz, Colin Ihrig	1	
122	A complete book of Puzzle & seating Arrangement	adda 247	1	
123	Verbal & Non-Verbal Reasoning	R.S.Agrawal	13	
124	Quantative Aptitude	R.S.Agrawal	17	
125	GATE 2024 General Aptitude & Engineering Mathematics	GKP publication	3	
126	GATE 2024 CS & IT	GKP publication	5	
127	Numerical ability logical reasoning & Analytical Ability	ACE Publication	1	
128	GATE 2025 CS&IT	GKP publication	1	
129	GATE 2024 General Aptitude	GKP publication	1	
130	Quantative Aptitude Quantum CAT	Sarvesh K Verma	1	
131	Topic wise question paper Computer Science & IT	Gate Wallah	3	
132	GATE 2024 CS & IT (Previous Soved Papers)	i) Made Easy Publications, ii)GKP Publications	2	
133	Operati System	Made Easy Publications	1	
134	Gate Tutor 2023 CS&IT	Kirupani, Mishra, Jain	1	
135	GATE 2024 Qeneral Aptitude	GKP publication	1	
136	GATE TUTOR 2024 (CS&IT)	Shanti kirupani,amrita mishra	3	
137	GATE Series CS&IT	Trishna's	1	
138	Engineering Mathematics and General Aptitude	Gate Wallah	1	
139	GATE 2024 Graduate Aptitude Test in Engineering General Aptitude	GKP publication	1	
140	Discrete & Engineering Mathematics	Made Easy Publications	2	
141	DATABASES	Made Easy Publications	2	
142	Engineering Mathematics GATE 2022	Made Easy Publications	1	
143	Theory of Computation (CS&IT)	Made Easy Publications	2	
144	Computer Networks (CS&IT)	Made Easy Publications	2	
145	Digital Logic (CS&IT)	Made Easy Publications	2	
146	Programming & Data Structures	Made Easy Publications	1	
147	Complier Design	Made Easy Publications	2	

SR. NO.	Book Name	Author Name	Qty.	Remarks
148	Operating System	Made Easy Publications	1	
149	Algorithms (CS&IT)	Made Easy Publications	1	
150	Programming With Java	E Balagurusamy	12	
151	Java Complete Reference	Herbert Schildt	4	
152	Java EE from trainee to trained	Ravi Majithia	1	
153	Advanced Java	Navale, Mane, Kumbhar	1	
154	Java Server Programming(java balck book)	Kogent Solutions	2	
155	Core & Adv. Java	DreamTech Press	1	
156	JavaScript: JavaScript Programming Made Easy for Beginners & Intermediates (Step By Step With Hands On Projects)	Craig Berg	2	
157	Let us Java	Yashavant kanetkar	1	
158	Core Java an Integrated Approach	Dr.R.Nageswara Rao	1	
159	Core Java Programming	Tushar B. Kute	1	



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HEAD OF DEPARTMENT

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Sr. No.	Name of Student	Book Title	Issue date	Return Date	Remarks
1	Mayuri Jamdar	Core Java Prog.	3-8-22	5-8-22	
2	Sahil Sahare	Quantitative Apti	4-8-22	5-8-22	
3	Siddhi Patil	English speaking	8-8-22	12-8-22	
4	Joshi Aditya	Operating System	17-8-22	22-8-22	
5	Ubale Ashok	GATE 2024 Apti	22-8-22	25-8-22	
6	Dolas Vishnu	Data stru. & algo	1-9-22	5-9-22	
7	Naidu Jayesh	Reasoning R.S. Agrawal	8-9-22	12-9-22	
8	Ghaywat Rahul	Deep Learning	14-9-22	16-9-22	
9	Gaike Gayatri	Python Programming	19-9-22	21-9-22	
10	Nilesh Singh	Seven database	26-9-22	27-9-22	
11	Aditya Phule	Verbal Reasoning	28-9-22	30-9-22	
12	Ganesh Lithe	Artificial Intelligence	3-10-22	4-10-22	
13	Kuldipak Patil	Adv. DBMS	6-10-22	7-10-22	
14	Ganesh Parshad	Data stru. algo.	10-10-22	12-10-22	
15	Chavan Rohit	English speaking	13-10-22	14-10-22	
16	Bhagat Yugal	Computer N/w.	17-10-22	19-10-22	
17	Branav Kathar	GATE 2024 Apti	2-11-22	4-11-22	
18	Ankita Navpute	Prog. in Java	3-11-22	4-11-22	
19	Sayyad Mujahid	Python Prog	7-2-23	10-2-23	
20	Sachin Salve	Operating systems	13-2-23	15-2-23	
21	Jeetanjali Subhadh	Full stack develop.	16-2-23	17-2-23	
22	Sita Nagar	Modern OS	1-3-23	3-3-23	
23	Prayas Renuka	Quantitative apti	6-3-23	9-3-23	
24	Sandip J.	Demistifying NoSQL	13-3-23	15-3-23	
25	Abhay Atharv.	Adv DBMS	16-3-23	17-3-23	
26	Chetana Koli	Beginning Node.js.	20-3-23	23-3-23	
27	Preeti Ubale	Computer vision in Pyth	27-3-23	29-3-23	
28	Pintu Sharma	GATE 2024 Apti	3-4-23	6-4-23	
29	Pawar Sheshraj	Operating systems	10-4-23	13-4-23	
30	Dilip Ruchita	English speaking.	17-4-23	19-4-23	

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2.	Mayuri Jamdar	General Apti	9-9-23	16-9-23	
3.	Urmila Dhumal	Data structure & Algo	4-10-23	19-10-23	
4.	Nayan Panchal	Quantitative Apti	17-10-23	4-11-23	
5.	Sana Shaikh	Deep Learning	25-10-23	4-11-23	
6.	Sana Shaikh	Deep Learning	6-11-23	8-11-23	
7.	Prof. S.N. Pandharbhai	Python	27-11-23	3-12-23	
8.	Sandhya Sudhakar	Artificial Intelligence	9-11-23	17-11-23	
9.	Karan Yeole	Engg Maths - III	13-11-23	22-11-23	
10.	Ajay Honrao	English Speaking	21-11-23	28-11-23	
11.	Laxmi Kadam	Cloud Computing	22-11-23	24-11-23	
12.	Nikam Ruchita	Computer Network	15-11-23	17-11-23	
13.	More Nagesh	Deep Learning	14-11-23	17-11-23	
14.	Ashvini Bugade	PIJ	17-11-23	20-11-23	
15.	Prajwal Kamade	Data struct & Algo	6.3.24	9.3.24	
16.	Aniket Udale	Quantitative Apti	6.3.24	11.3.24	
17.	Sanjana Kishan	GATE 2024	2.3.24	12.3.24	
18.	Ajay Honrao	Machine Learning	7.3.24	15.3.24	
19.	Ashana Kale	Core Python	11.3.24	8.4.24	
20.	Mayur Kale	Data struct & algo	18.4.24	15.7.24	
21.	Siddhi Patil	Java	18.4.24	16.5.24	
22.	Harionm Kabra	Artificial Intelligence	24.4.24	26.4.24	
23.	Mayuri Jamdar	Deep Learning	17.5.24	18.5.24	
24.	Prof. K. Kadam	Python program	7.6.24	13.6.24	
25.	Prof. K. Kadam	Core Java	7.6.24	13.6.24	
26.	Prof. K. Kadam	Beginning Node JS	13.6.24	1.7.24	
27.	Prof. S. Baral	Machine Learning	10.6.24		
28.	Prof. S. Baral	Python with ML	10.6.24		
29.	Prof. M. A. Khan	Computer Network	24.6.24	31.7.24	