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Computer Science

Title: Algorithms
Author: Dasgupta, Sanjoy
Publisher: Chennai: McGraw Hill Education Pvt Ltd., 2008
Call No.: 005.1 DAS
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Library and Information Science

Title: Undergraduate research and the academic librarian: case studies and best practices
Author: Hensley, Merinda Kaye
Publisher: Chicago: ACRL, 2017
Call No.: 027.7 HEN
Acc. No.: 027278

News Media, Journalism & Publishing

Title: Key readings in journalism
Author: King, Elliot
Publisher: New York: Routledge, 2012
Call No.: 071.3 KIN
Acc. No.: 027327

Philosophy

Title: Adler’s philosophical dictionary: 125 key terms for the philosopher’s lexicon
Author: Adler, Mortimer J.
Publisher: New York: Simon & Schuster, 1996
Call No.: 103 ADL
Acc. No.: 027303

Title: Six great ideas
Author: Adler, Mortimer J.
Publisher: New York: Simon & Schuster, 1997
Call No.: 111.8 ADL
Acc. No.: 027308
Psychology

Title: **You are now less dumb**
Author: McRaney, David
Call No.: 153.43 MCR
Acc. No.: 027313

Religion

Title: **Truth in religion**
Author: Adler, Mortimer J.
Publisher: New York: Simon & Schuster, 1992
Call No.: 200.1 ADL
Acc. No.: 027312

Title: **Tantric way: art, science, ritual**
Author: Mookerjee, Ajit
Publisher: London: Thames and Hudson, 1989
Call No.: 294 MOO
Acc. No.: 027310

Social Science

Title: **How to speak how to listen**
Author: Adler, Mortimer J.
Publisher: New York: Simon & Schuster, 1997
Call No.: 302.2242 ADL
Acc. No.: 027305

Title: **New media reader**
Author: Wardrip-Fruin, Noah
Publisher: Cambridge: MIT Press, 2003
Call No.: 302.23 WAR
Acc. No.: 027328

Title: **Indian media in a globalised world**
Author: Ranganathan, Maya
Publisher: New Delhi: Sage Publishing, 2010
Call No.: 302.230954 RAG
Acc. No.: 027326
Title: Influence and persuasion
Author: Harvard Business Review
Publisher: Boston: Harvard Business Publishing, 2017
Call No.: 303.342 HAR
Acc. No.: 027325

Title: On the future prospects for humanity
Author: Rees, Martin
Publisher: New Jersey: Princeton University Press, 2018
Call No.: 303.4909 REE
Acc. No.: 027277

Title: Population history of India
Author: Dyson, Tim
Publisher: New Delhi: Oxford University Press, 2018
Call No.: 304.60954 DYS
Acc. No.: 027285

Title: New subaltern politics: reconceptualizing hegemony and resistance in contemporary India
Author: Nilsen, Alf Gunvald
Publisher: New Delhi: Oxford University Press, 2015
Call No.: 305.51220954 NIL
Acc. No.: 027330

Title: Dalits and the making of modern India
Author: Jangam, Chinnerah
Publisher: New Delhi: Oxford University Press, 2017
Call No.: 305.56880954 JAN
Acc. No.: 027329

Title: Living language: an introduction to linguistic anthropology
Author: Ahearn, Laura M.
Publisher: Chichester: Wiley, 2016
Call No.: 306.44 AHE
Acc. No.: 027295

Title: Culture, creation, and procreation: concepts of kinship in South Asian practice
Author: Böck, Monika and Rao, Aparna
Publisher: New York: Berghahn Books, 2001
Call No.: 306.830954 BOC
Acc. No.: 027289
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<td>Billionaire raj: a journey through India's new gilded age</td>
<td>Crabtree, James</td>
<td>Noida: Crown Publishing Group, 2018</td>
<td>330.954 CRA</td>
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<td>Shifting cultivation policies: balancing environmental and social sustainability</td>
<td>Cairn, Malcom (Ed.)</td>
<td>Wallingford: CABI, 2017</td>
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<td>Question of balance: weighing the options on global warming policies</td>
<td>Nordhaus, William</td>
<td>New Haven: Yale University Press, 2014</td>
<td>363.73874 NOR</td>
<td>027279</td>
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Educations

Title: Paideia proposal
Author: Adler, Mortimer J.
Call No.: 370.973 ADL
Acc. No.: 027309

Mathematics

Title: Polynomial methods in combinatorics
Author: Guth, Larry
Publisher: Providence, Rhode Island: American Mathematical Society, 2016
Call No.: 511.66 GUT
Acc. No.: 027276

Title: Introduction to commutative algebra
Author: Atiyah, M. F.
Publisher: Boca Raton: Taylor & Francis, 1969
Call No.: 512.815 ATI
Acc. No.: 027333-027335

Title: Introduction to analytic number theory
Author: Apostol, T.M.
Call No.: 512.73 APO
Acc. No.: 027294

Physics

Title: Modern approach to quantum mechanics
Author: Townsend, John S.
Publisher: New Delhi: Viva Books Private Limited, 2012
Call No.: 530.12 TOW
Acc. No.: 027287-027288

Title: Physics of materials: essential concepts of solid state physics
Author: Haridoss, Prathap
Publisher: New Delhi: Wiley India Pvt. Ltd., 2016
Call No.: 530.41 HAR
Acc. No.: 027336
## Earth Science

**Title:** Earth system science  
**Author:** Jacobson Michael, Charlson, Robert, Rodhe, Henning and Orians, Gordon  
**Publisher:** London: Academic Press, 2000  
**Call No.:** 550 JAC  
**Acc. No.:** 027280

**Title:** Understanding the earth system: global change science for application  
**Author:** Cornell, Sarah, Prentice, Colin, House, Joanna and Downy, Cat (Eds.)  
**Publisher:** Cambridge: NHBS Ltd, 2012  
**Call No.:** 551.6 COR  
**Acc. No.:** 027282

## Biology

**Title:** Glyco-engineering: methods and protocols  
**Author:** Castilho, Alexandra  
**Publisher:** New York: Springer, 2015  
**Call No.:** 572.68 CAS  
**Acc. No.:** 027283

**Title:** Earth system  
**Author:** Kump, Lee R.  
**Publisher:** Noida: Pearson, 2016  
**Call No.:** 577.1 KUM  
**Acc. No.:** 027302

## Engineering

**Title:** Graphene: fundamentals, devices and applications  
**Author:** Shafraniuk, Serhii.  
**Publisher:** Singapore: Pan Standford Publishing, 2015  
**Call No.:** 620.11 SHA  
**Acc. No.:** 027300

## Electrical Engineering

**Title:** Electrical and optoelectronic properties of the nanodevices composed of two dimensional materials  
**Author:** Liu, Cheng-Hua.  
**Publisher:** Singapore: Springer, 2018  
**Call No.:** 621.38152 LIU  
**Acc. No.:** 027299
Title: **Principles of linear systems and signals, 2nd ed.**  
Author: Lathi, B.P.  
Publisher: New Delhi: Oxford University Press, 2009  
Call No.: 621.3822 LAT  
Acc. No.: 027301

**Management & Public Relations**

Title: **Barking up the wrong tree**  
Author: Barker, Eric  
Publisher: New York: Harper Collins, 2017  
Call No.: 650.1 BAR  
Acc. No.: 027304

Title: **Office politics**  
Author: Dillon, Karen  
Call No.: 650.13 DIL  
Acc. No.: 027316

Title: **Managing up and across**  
Author: Harvard Business Review  
Call No.: 650.13 HAR  
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Title: **Strategy**  
Author: Harvard Business Review  
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Title: **Persuasive presentations**  
Author: Duarte, Nancy  
Call No.: 658.452 DUA  
Acc. No.: 027321

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Author: Rangnekar, Sharu  
Call No.: 658.400954 RAN  
Acc. No.: 027306

Title: **Project management**  
Author: Harvard Business Review  
Call No.: 658.404 HAR  
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Title: **Leadership**  
Author: Harvard Business Review  
Call No.: 658.4092 HAR  
Acc. No.: 027323

Title: **Getting the right work done**  
Author: Harvard Business Review  
Call No.: 658.4093 HAR  
Acc. No.: 027320

### Chemical Engineering

Title: **Electrochemical engineering principles**  
Author: Prentice, Geoffrey A.  
Publisher: New Jersey: Pearson, 1991  
Call No.: 660.297 PRE  
Acc. No.: 027275
### Arts

**Title:** *Oxford readings in Indian art*  
**Author:** Goswamy, B.N.  
**Publisher:** New Delhi: Oxford University Press, 2018  
**Call No.:** 709.54 GOS  
**Acc. No.:** 027284

### Literature

**Title:** *Better business writing*  
**Author:** Garner, Bryan A.  
**Publisher:** Boston: Harvard Business Review Press, 2012  
**Call No.:** 808.06665 GAR  
**Acc. No.:** 027322

**Title:** *Nightwood*  
**Author:** Barnes, D. Juna  
**Publisher:** London: Faber & Faber, 2015  
**Call No.:** 813.52 BAR  
**Acc. No.:** 027296-027297

**Title:** *Ice*  
**Author:** Kavan, Anna  
**Publisher:** New York: Penguin Random House, 2017  
**Call No.:** 823.912 KAV  
**Acc. No.:** 027292-027293

**Title:** *Frost*  
**Author:** Bernhard, Thomas  
**Publisher:** New York: Vintage, 2008  
**Call No.:** 833.914 BER  
**Acc. No.:** 027290-027291

**Title:** *Ghalib: innovative meanings and the ingenious mind*  
**Author:** Narang, Gopi Chand  
**Publisher:** New Delhi: Oxford University Press, 2017  
**Call No.:** 891.43914 NAR  
**Acc. No.:** 027315
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<th>History</th>
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| **Title:** Time pieces: a whistle stop tour of ancient India  
**Author:** Lahiri, Nayanjot  
**Publisher:** Gurgaon: Hachette India, 2018  
**Call No.:** 934 LAH  
**Acc. No.:** 027311 |
| **Title:** Rethinking early medieval India: a reader  
**Author:** Singh, Upinder  
**Publisher:** New Delhi: Oxford University Press, 2012  
**Call No.:** 934 SIN  
**Acc. No.:** 027286 |
An algorithm is a step by step procedure to solve logical and mathematical problems. A recipe is a good example of an algorithm because it tells you what you need to do step by step. It takes inputs (ingredients) and produces an output (the completed dish). The words 'algorithm' and 'algorism' come from the name of a Persian mathematician called Al-Khwārizmī (Persian: خوارزمی, c. 780–850). Data Structures Algorithms Basics - Learn Data Structures and Algorithm using c, C++ and Java in simple and easy steps starting from basic to advanced concepts with examples including Overview, Environment Setup, Algorithm, Asymptotic Analysis, Greedy Algorithms, Divide and Conquer, Dynamic Programming, Data Structures, Array, Linked List, Doubly Linked List, Circular List, Stack, Parsing Expression, Queue, Priority queue, Linear, Binary, Interpolation Search, Tree, Tree Traversal, Binary Search Tree, B+, AVL Intro to algorithms. What are algorithms and why should you care? We'll start with an overview of algorithms and then discuss two games that you could use an algorithm to solve more efficiently - the number guessing game and a route-finding game. What is an algorithm and why should you care? A guessing game. Route-finding. Discuss: Algorithms in your life. Binary search. Learn about binary search, a way to efficiently search an array of items by halving the search space each time.