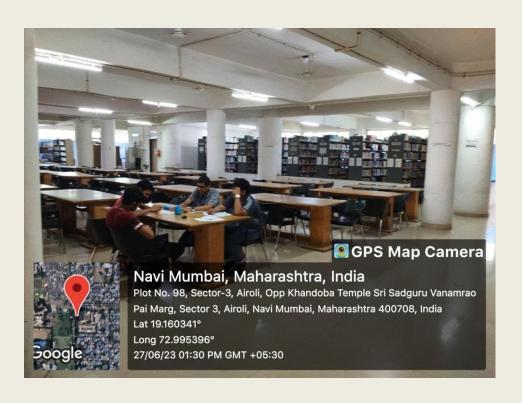
## **LIBRARY MANUAL**

2023-24

# DATTA MEGHE COLLEGE OF ENGINEERING, AIROLI

## **CENTRAL LIBRARY**





(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

## **INDEX**

Sr.No.	Title	Page no.
01	Vision and Mission	3
02	Library at a Glance	4
03	Library services and Facilities	5
04	Books Circulation	6
05	Digital Library	7
06	Library Advisory Committee	8
07	IT Infrastructure	9
80	Services	10
09	E - Resources	11
10	Science Direct Homepage	12
11	DELNET Homepage	13
12	NDLI Home page	14
13	Library Management System	15
14	Book search	15
15	Library Website	16
16	E journals Title List	17-23
17	Future Plan of Library	24
18	Library Floor Plan	25

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

#### **VISION**

"To provide access to information to its users in a technology enabled environment and to become a significant learning resource center with updated Knowledge Resources in engineering domain"

#### **MISSION**

M1: To Provide access to high quality information resources in all formats.

M2: To support teaching, learning and research mission of institute.

M3: To provide Library Services with excellence and offer innovative library services.

#### **OBJECTIVES**

- To establish and maintain an effective relationship with the students, faculty, researchers and staff of the Institute to ensure an informed and integrated approach to the creation and delivery of information services.
- To select, collect, organize, preserve, manage and provide access to information sources in print, non-print and digital forms, regardless of physical location, to support scholarly pursuit, learning, teaching and research in the Institute.
- To facilitate and promote access to the fast growing and expanding collection of digital sources of primary and secondary information.
- To develop and provide quality collections/resources, user facilities and library staff, to maintain an environment conducive to study and research.
- To manage the information resources effectively and actively promote the optimum usage.
- To serve as Learning Resource Centre for knowledge management development in the area of Engineering.
- To update knowledge resources as per requirement of users.
- To serve as a community Resource Centre.

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

#### LIBRARY AT A GLANCE

Library plays a very important role in an educational institute. Datta Meghe College of Engineering, Airoli has a well-resourced, maintained Central Library on its First floor. Library resources are updated time to time as per requirements.

Library has collection of 46759 books including 19700 titles .Collection is rich with reference books specially encyclopedia, dictionaries, Hand Books, annuals. E journals database, Membership to DELNET, NDLI is provided by central library.

#### **ABOUT LIBRARY MANAGEMENT SYSTEM (ILMS)**

The main aim DMCE Central Library is to provide access to proper information, to the right users in the shortest time possible. The institution has an automated Central Library. The Central Library is auto managed by AutoLib NG Library Management Software It considerably enhances the reference, borrowing, return of books very easy for the users. It saves a lot of time and energy for the library as well as the users. The AutoLib software updates records, ensures dynamic reporting. This facility improves circulation, user entry, Book search

#### **Library Resources**

Library has a good collection of 46759 books .Library has subscription to e journals database `ScienceDirect` and DELNET Library consortium.

Open Access resources are provided through library website.

The Central Library facilitates remote access of library resources using Internet and Intranet to students and faculty.

The institution Central library has 10 computer systems for access of e resources.

#### **Library Website**

DMCE Library has created library website for giving access to various library services.

https://sites.google.com/site/dmcecentrallibrary/

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

#### LIBRARY SERVICES AND FACILITIES

- Partially Atomization.
- Online Public Access Catalogue (OPAC)
- Reference services
- Bar-coded User Entry System
- CCTV surveillance system.
- Internet with Wi- Fi
- QR code Application
- Services through website

#### FEATURES OF SOFTWARE

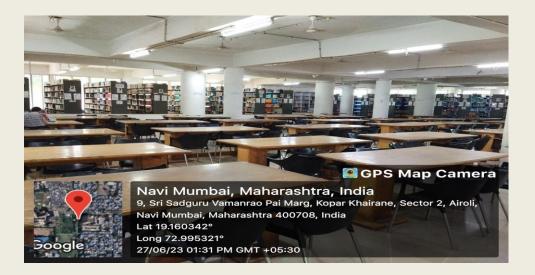
- Member Management (Students and Staff)
- Circulation
- Book Stock master
- Periodical/Magazine and Journals maintenance
- Reservation Management
- Overdue Charge management
- Reports production
- User rights management to apply security in library activity bylibrarian

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

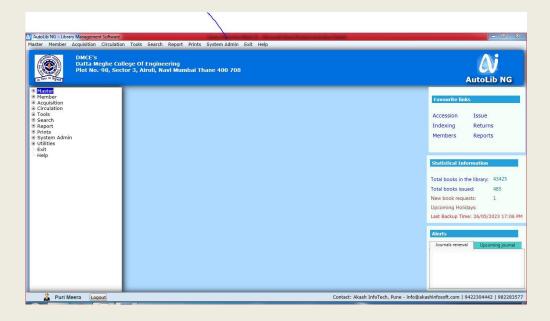
#### **BOOKS CIRCULATION**

DMCE has a good Book Collection of text books and reference books including dictionaries, Encyclopedia, Handbooks, manuals. Total collection is 46700 books having 19700 titles. A yearly addition as per staff and syllabus requirements occurs regularly .Book Bank Scheme is available for category students.

#### **Library Book Collection**



#### Library Management System



(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

#### **DIGITAL LIBRARY**

The Digital Library has a separate place exclusively devoted for digital use. 10 terminals with head phones and mikes are available in the Digital Library section with Internet access facility to access the e-books (Open Access), e journals database Science Direct, NDLI DELNET, NPTEL and many more online resources.

#### The collection consists of

- 439 e journals titles subscribed database Science Direct
- DELNET Resources
- Open Access e-books,
- Question paper bank/Syllabus
- NDLI/SWAYAM /NPTEL
- OPEN Access resources suggested through library website.





(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

#### LIBRARY ADVISORY COMMITTEE

Sr.	Name of Committee Member	Head Of Department	Designation in committee
1	Dr. Sudhir D.Sawarkar	Hon. Principal Sir	Chairman
2	Dr. Dode Prasadkumar A.	Civil Engineering	Member
3	Dr.Pete Dayandeo Jageshwar	Electronics Engineering	Member
4	Dr. Pande Amol Parashram	Computer Engineering	Member
5	Dr. Kolhe Sujata Rajesh	Information Technology	Member
6	Dr.Patil Sanjay Madhukarrao	Artificial Intelligence & Data Science	Member
7	Dr. Pawar Usha	Mechanical Engineering	Member
8	Dr. Deshmukh Satayajit M.	Chemical Engineering	Member
9	Dr.Dubewar Atul Vasantrav	Humanities & Science	Member
10	Mrs Puri Meera Jeevan	Library	Secretary Member

#### **PRELIMINARY DETAILS**

**Library area** - 800 Sq.Mtr

**Total Seating Capacity** - 200

Working hours - 8.30 AM to 6.30 PM

#### **ACCESSIBILITY OF RESOURCES**

- Online Public Access Catalogue (OPAC)
- o Remote access to e journals database
- Library Website library

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

#### IT INFRASTRUCTURE

• Library Automation : Yes

Total Number of computers(Digital Library)

Numbers of printers

Internet speed : 100mbps

• Participation in resource sharing networks/consortia: Yes

National Digital Library(NDL) of India : Available



(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

# SPECIAL SERVICES PROVIDED IN LIBRARY

Details	Specialized Services
References service	Available
Reprography	Available
OPAC	Yes, Available
Internet Access	Available
Downloads	Yes
Assistance in Searching	Yes
Databases	
NDL	Yes
Library Website	Yes
Databases	Science Direct
Library consortia	DELNET Membership
Remote Access	Yes for DELNET / Science
	Direct
Book bank Scheme	Yes

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

## **E- RESOURCES**

Library has subscription to Science Direct e journals database .Library has membership to NDLI, DELNET Library consortia. As Open resources are available on internet recognizing to them links are shared with library website. Open access books are shared with user through website.

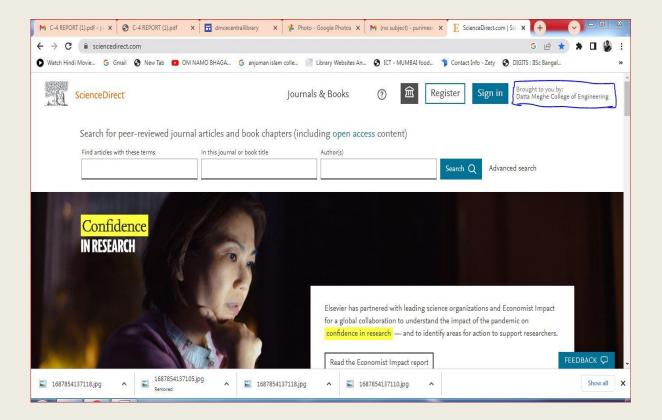
## Links are provided

- E journals database ScienceDirect
- Books published by Faculty members
- Research article by faculty members
- Open Access books
- DMCE PHD Thesis
- Repositories
- Question Paper bank/Syllabus
- Swayam portal, NDLI/DELNET/Shodha Ganga



(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

## SCIENCE DIRECT HOME PAGE



## SUBJECT WISE TITLE COLLECTION

Elsevier Computer Science (Science Direct) Subject wise Distribution		
Sr.no	Subject Area	No.of Title
1	Computer Engineering	144
2	Civil Engineering	36
3	Electronics Engineering	23
4	Mechanical Engineering	69
5	General & Allied Engineering	21
	Total	293
6	Complimentary titles	133
	Total	426



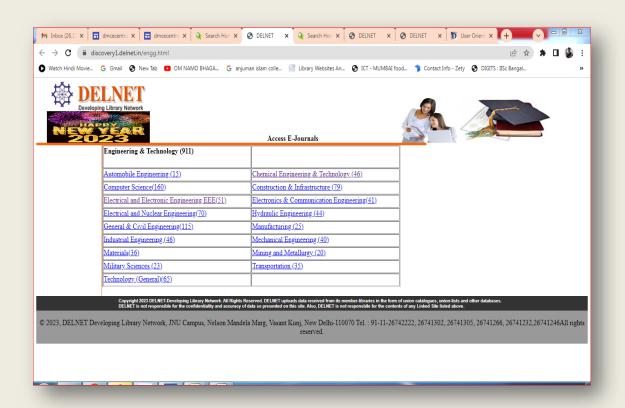


(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

## **DELNET Home Page**



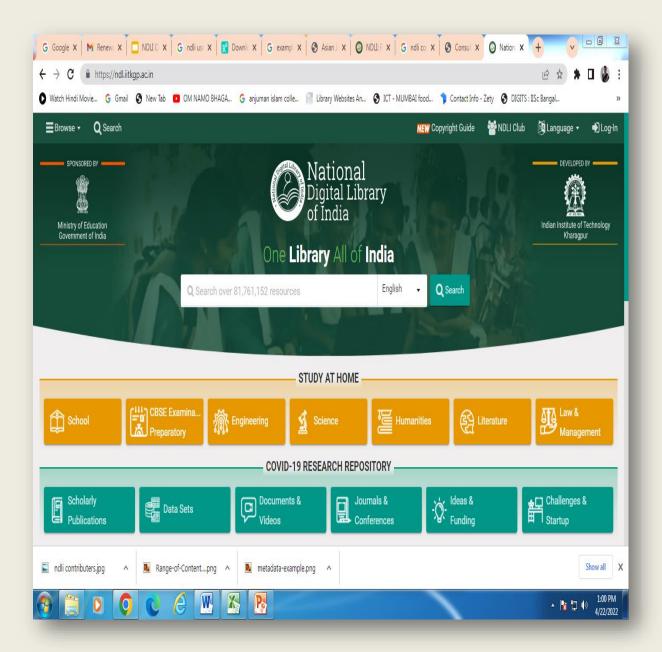
## E journals for Engineering & Technology from DELNET





(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

## **NDLI Home Page**



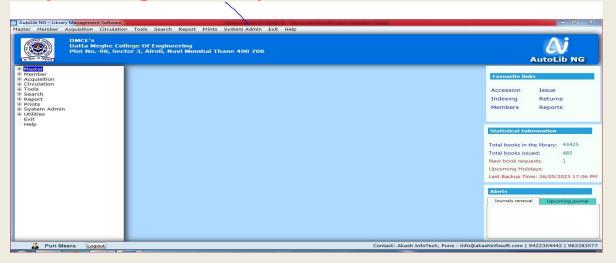
Yuwak Shikshan Santh Nagar a, Airoli's



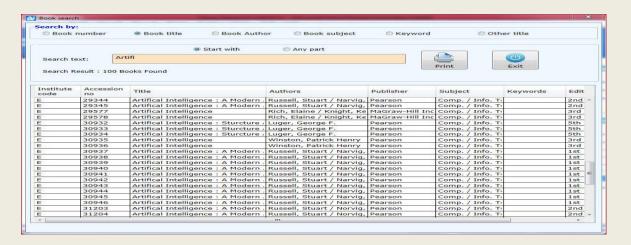
#### DATTA MEGHE COLLEGE OF ENGINEERING

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

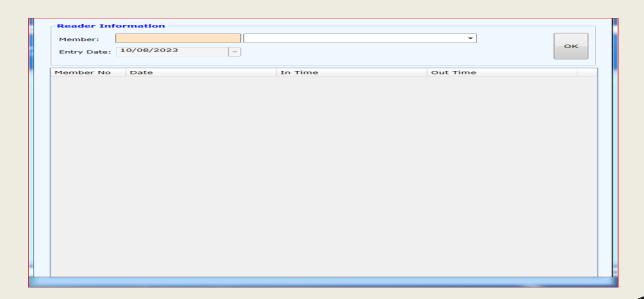
## **Library Management System**

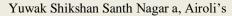


#### **Book Search**



#### **User Entry by LMS**

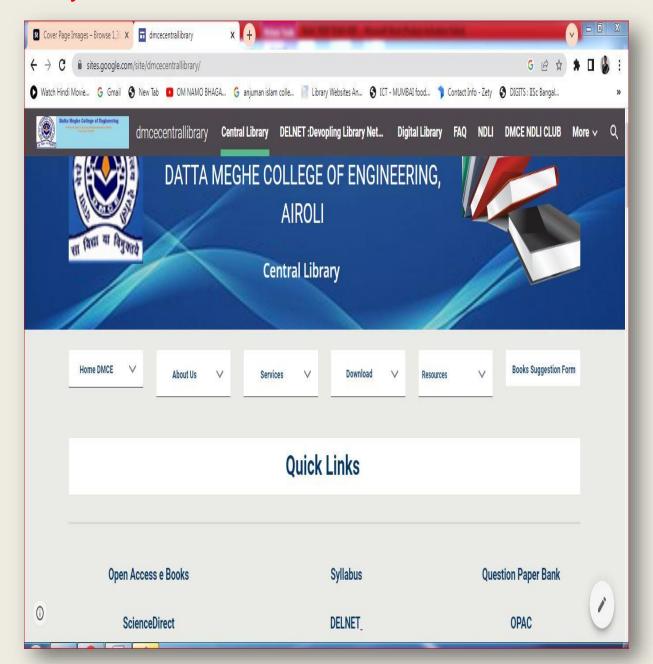






(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

## **Library Website**





(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

## E journals Title list

Sr.	Journal Title
No.	Journal Title
1	Accident Analysis & Prevention
2	Acta Astronautica
3	Ad Hoc Networks
4	Additive Manufacturing
5	Advanced Engineering Informatics
6	Advances in Engineering Software
7	Aerospace Science and Technology
8	AEÜ - International Journal of Electronics and
	Communications
9	Analytic Methods in Accident Research
10	Annual Reviews in Control
11	Applied Acoustics
12 13	Applied Clay Science
14	Applied Energy
15	Applied Ergonomics
16	Applied Mathematical Modelling Applied Mathematics Letters
17	Applied Mathematics Letters  Applied Ocean Research
18	Applied Ocean Research  Applied Soft Computing
19	Applied 30ft Computing  Applied Thermal Engineering
20	Artificial Intelligence
21	Artificial Intelligence in Medicine
22	Astronomy and Computing
23	Automatica
24	Automation in Construction
25	Big Data Research
26	Biocybernetics and Biomedical Engineering
27	Biomaterials
28	Biomedical Signal Processing and Control
29	Biometric Technology Today
30	Bioprinting
31	Biosensors and Bioelectronics
32	Biosystems Engineering
33	Biotribology
34	Building and Environment
35	Case Studies on Transport Policy
36	Cement and Concrete Composites
37	Cement and Concrete Research
38	CIRP Annals
39	CIRP Journal of Manufacturing Science and Technology
40	Coastal Engineering
41	Cognitive Systems Research Combustion and Flame
42	Communications in Nonlinear Science and Numerical
43	Communications in Nonlinear Science and Numerical





	NAAC ACCREDITED
	Simulation
44	Composite Structures
45	Composites Part B: Engineering
46	Composites Science and Technology
47	Computational Biology and Chemistry
48	Computational Geometry
49	Computational Materials Science
50	Computational Statistics & Data Analysis
51	Computer Aided Geometric Design
52	Computer Communications
53	Computer Fraud & Security
54	Computer Law & Security Review
55	Computer Methods and Programs in Biomedicine
56	Computer Methods in Applied Mechanics and
	Engineering
57	Computer Networks
58	Computer Physics Communications
59	Computer Science Review
60	Computer Speech and Language
61	Computer Standards & Interfaces
62	Computer Vision and Image Understanding
63	Computer-Aided Design
64	Computerized Medical Imaging and Graphics
65	Computers & Chemical Engineering
66	Computers & Electrical Engineering
67	Computers & Fluids
68	Computers & Geosciences
69	Computers & Graphics
70	Computers & Industrial Engineering
71	Computers & Mathematics with Applications
72	Computers & Operations Research
73	Computers & Security
74	Computers & Structures
75	Computers and Electronics in Agriculture
76	Computers and Geotechnics
77	Computers in Biology and Medicine
78	Computers in Human Behavior
79	Computers in Industry
80	Computers, Environment and Urban Systems
81	Construction and Building Materials
82	Control Engineering Practice
83	Current Opinion in Biomedical Engineering
84	Current Opinion in Systems Biology
85	Data & Knowledge Engineering
86	Decision Support Systems
87	Desalination
88	Design Studies
89	Diamond and Related Materials
90	Digital Applications in Archaeology and Cultural Heritage





	NAAC ACCREDITED
91	Digital Signal Processing
92	Discrete Applied Mathematics
93	Displays
94	Electric Power Systems Research
95	Electronic Commerce Research and Applications
96	Energy and Buildings
97	Energy Conversion and Management
98	Engineering Analysis with Boundary Elements
99	Engineering Applications of Artificial Intelligence
100	Engineering Failure Analysis
101	Engineering Fracture Mechanics
102	Engineering Structures
103	Entertainment Computing
104	Environmental Modelling & Software
105	eTransportation
105	European Journal of Control
107	European Journal of Mechanics - A/Solids
107	
109	European Journal of Mechanics - B/Fluids
110	European Journal of Operational Research  Experimental Thermal and Fluid Science
	-
111	Expert Systems with Applications
112 113	Extreme Mechanics Letters
114	Finite Elements in Analysis and Design
115	Fire Safety Journal
	Flow Measurement and Instrumentation
116 117	Digital Investigation
118	Fusion Engineering and Design
119	Future Generation Computer Systems
120	Fuzzy Sets and Systems
121	Geomechanics for Energy and the Environment Geotextiles and Geomembranes
122	
123	Graphical Models  Healthcare: The Journal of Delivery Science and
123	Innovation
124	IFAC Journal of Systems and Control
125	Image and Vision Computing
126	
127	Information & Management Information and Computation
128	Information and Organization
129	Information and Software Technology
130	Information Fusion
131	Information Processing & Management
132	Information Processing & Management  Information Processing Letters
133	Information Sciences
134	Information Sciences Information Systems
135	Integration
136	Integration International Communications in Heat and Mass Transfer
137	International Journal of Adhesion and Adhesives
138	International Journal of Approximate Reasoning





420	International Journal of Ohild Operation Internation
139	International Journal of Child-Computer Interaction
140	International Journal of Critical Infrastructure Protection
141	International Journal of Electrical Power & Energy
440	Systems
142	International Journal of Engineering Science
143	International Journal of Fatigue
144	International Journal of Heat and Fluid Flow
145	International Journal of Heat and Mass Transfer
146	International Journal of Human-Computer Studies
147	International Journal of Impact Engineering
148	International Journal of Industrial Ergonomics
149	International Journal of Machine Tools and Manufacture
150	International Journal of Mechanical Sciences
151	International Journal of Medical Informatics
152	International Journal of Multiphase Flow
153	International Journal of Non-Linear Mechanics
154	International Journal of Plasticity
155	International Journal of Pressure Vessels and Piping
156	International Journal of Production Economics
157	International Journal of Project Management
158	International Journal of Refrigeration
159	International Journal of Rock Mechanics and Mining
	Sciences
160	International Journal of Solids and Structures
161	International Journal of Thermal Sciences
162	Irbm
163	IRBM News
164	ISA Transactions
165	ISPRS Journal of Photogrammetry and Remote Sensing
166	Journal of Biomechanics
167	Journal of Biomedical Informatics
168	Journal of Building Engineering
169	Journal of Computational Physics
170	Journal of Computational Science
171	Journal of Computer and System Sciences
172	Journal of Computer Languages
173	Journal of Constructional Steel Research
174	Journal of Electrostatics
174 175	Journal of Electrostatics Journal of Energy Storage
174 175 176	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures
174 175 176 177	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration
174 175 176 177 178	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration Journal of Information Security and Applications
174 175 176 177	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration
174 175 176 177 178	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration Journal of Information Security and Applications
174 175 176 177 178 179	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration Journal of Information Security and Applications Journal of Informetrics Journal of Logical and Algebraic Methods in Programming
174 175 176 177 178 179	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration Journal of Information Security and Applications Journal of Informetrics Journal of Logical and Algebraic Methods in
174 175 176 177 178 179 180	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration Journal of Information Security and Applications Journal of Informetrics Journal of Logical and Algebraic Methods in Programming
174 175 176 177 178 179 180	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration Journal of Information Security and Applications Journal of Informetrics Journal of Logical and Algebraic Methods in Programming Journal of Loss Prevention in the Process Industries
174 175 176 177 178 179 180	Journal of Electrostatics Journal of Energy Storage Journal of Fluids and Structures Journal of Industrial Information Integration Journal of Information Security and Applications Journal of Informetrics Journal of Logical and Algebraic Methods in Programming Journal of Loss Prevention in the Process Industries Journal of Manufacturing Processes





	NAAC ACCREDITED
185	Journal of Molecular Graphics and Modelling
186	Journal of Network and Computer Applications
187	Journal of Non-Newtonian Fluid Mechanics
188	Journal of Parallel and Distributed Computing
189	Journal of Process Control
190	Journal of Rail Transport Planning & Management
191	Journal of Safety Research
192	Journal of Sound and Vibration
193	Journal of Space Safety Engineering
194	Journal of Symbolic Computation
195	Journal of Systems and Software
196	Journal of Systems Architecture
197	Journal of Terramechanics
198	Journal of the Franklin Institute
199	Journal of the Mechanical Behavior of Biomedical
	Materials
200	Journal of the Mechanics and Physics of Solids
201	Journal of Visual Communication and Image
	Representation
202	Journal of Web Semantics
203	Journal of Wind Engineering and Industrial Aerodynamics
204	Knowledge-Based Systems
205	Manufacturing Letters
206	Marine Policy
207	Marine Structures
208	Materials Science in Semiconductor Processing
209	,
210 211	Mathematics and Computers in Simulation  Measurement
212	
213	Mechanical Systems and Signal Processing  Mechanics of Materials
214	Mechanics Research Communications
215	Mechanism and Machine Theory
216	Mechatronics
217	Medical Engineering & Physics
218	Medical Image Analysis
219	Microelectronic Engineering
220	Microelectronics Journal
221	Microelectronics Reliability
222	Microprocessors and Microsystems
223	Nano Communication Networks
224	Nano Today
225	Nanomedicine: Nanotechnology, Biology and Medicine
226	NDT & E International
227	Network Security
228	Neural Networks
229	Neurocomputing
230	Nonlinear Analysis
231	Nonlinear Analysis: Hybrid Systems





	NAAC ACCREDITED
232	Nonlinear Analysis: Real World Applications
233	Nuclear Engineering and Design
234	Ocean & Coastal Management
235	Ocean Engineering
236	Online Social Networks and Media
237	Optical Fiber Technology
238	Optical Switching and Networking
239	Optics & Laser Technology
240	Optics and Lasers in Engineering
241	Optik
242	Parallel Computing
243	Pattern Recognition
244	Pattern Recognition Letters
245	Performance Evaluation
246	Pervasive and Mobile Computing
247	Physical Communication
248	Precision Engineering
249	Probabilistic Engineering Mechanics
250	Proceedings of the Combustion Institute
251	Progress in Aerospace Sciences
252	Progress in Energy and Combustion Science
253	Reliability Engineering & System Safety
254	Renewable Energy
255	Robotics and Autonomous Systems
256	Robotics and Computer-Integrated Manufacturing
257	Safety Science
258	Science Bulletin
259	Science of Computer Programming
260	Sensors and Actuators A: Physical
261	Sensors and Actuators B: Chemical
262	Signal Processing
263	Signal Processing: Image Communication
264	Simulation Modelling Practice and Theory
265	Smart Health
266	Soil & Tillage Research
267	Soil Dynamics and Earthquake Engineering
268	Solid-State Electronics
269	Speech Communication
270	Structural Safety
271	Structures
272	Sustainable Cities and Society
273	Sustainable Computing: Informatics and Systems
274	Sustainable Energy, Grids and Networks
275	Sustainable Materials and Technologies
276	Sustainable Production and Consumption
277	Swarm and Evolutionary Computation
278	Systems & Control Letters
279	Telecommunications Policy
280	Telematics and Informatics





281	The Electricity Journal
282	The Journal of Strategic Information Systems
283	Theoretical and Applied Fracture Mechanics
284	Theoretical Computer Science
285	Thermal Science and Engineering Progress
286	Thin-Walled Structures
287	Transportation Geotechnics
288	Transportation Research Part A: Policy and Practice
289	Transportation Research Part C: Emerging Technologies
290	Tribology International
291	Tunnelling and Underground Space Technology
292	Vehicular Communications
293	Wear
294	World Patent Information
295	World Pumps
296	Zeitschrift für Medizinische Physik

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)
NAAC ACCREDITED

#### **FUTURE PLAN OF THE LIBRARY**

- To Create library Repository
- To Activate library Web -OPAC
- To increase the scope of CAS & SDI services.
- To extend Internet based services.
- To improve the digital library facility.
- Library Server for ICT Services .