



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

E-RESOURCES

S. NO.	NAME OF FACILITY
1	E-journal-DELNET
2	E-books-DELNET
3	National Digital Library of India(NDLI)
4	Database – D Space
5	NPTEL
6	Remote access-E Resource
7	Patents



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DEVELOPING LIBRARY NETWORK (DELNET)

The main objectives of Developing Library Network (DELNET) is to promote resource sharing among the Member-Libraries by collecting, storing and disseminating information and by offering networked library services to users. It is a simple, single window discovery layer which encourages the users to explore the networked library/knowledge resources offered through DELNET in a feature-rich environment. DELNET is a great boon for faculty, researchers, scholars, students, etc. of Member-Institutions.

S. No.	DETAILS OF SUBSCRIPTION	NAME OF SERVICE PROVIDER	NO. OF E-RESOURCES
1	2017-TILL DATE	DEVELOPING LIBRARY NETWORK (DELNET)	E-JOURNALS -860

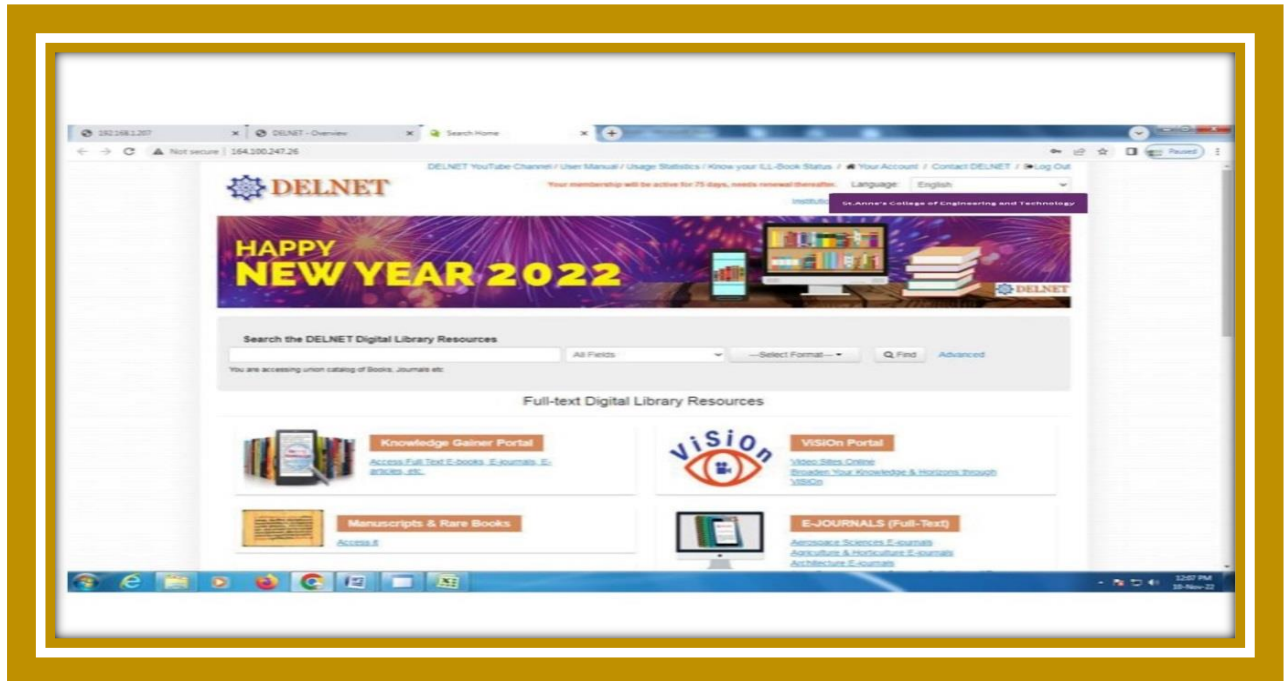


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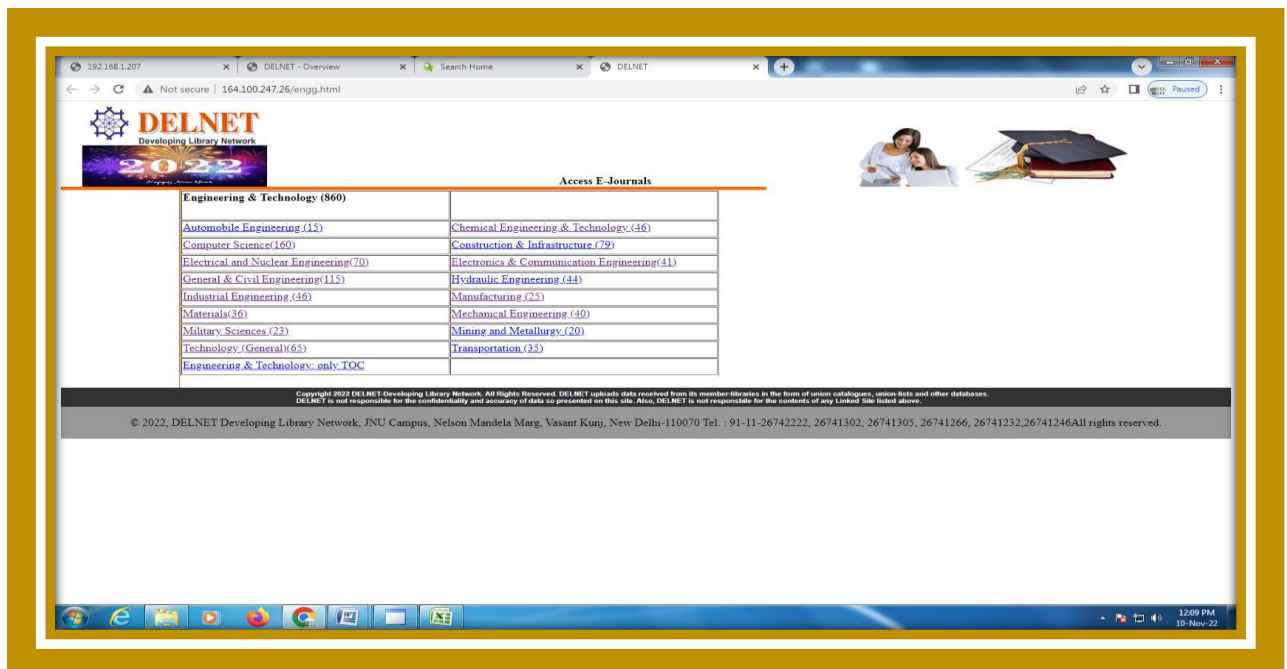
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DELNET - HOME PAGE



DELNET - E-JOURNALS





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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT WISE DETAILS

S. NO.	DEPARTMENT	NO. OF E-JOURNALS
1	Computer Science and Engineering	160
2	Electronics and Communication Engineering	40
3	Electrical and Electronics Engineering	70
4	Mechanical Engineering	40
5	Science and Humanities	115
6	Others	435
TOTAL		860



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S. NO.	TITLE OF THE JOURNALS
1	Advanced Computing : an International Journal
2	Advances in Distributed Computing and Artificial Intelligence Journal
3	Advances in Electrical and Computer Engineering
4	Advances in Human-Computer Interaction
5	Advances in Internet of Things
6	Advances in Multimedia
7	African Journal of Information Systems
8	AI
9	Ajis : Australasian Journal of Information Systems
10	Annals of computer science and information systems
11	Applied Computational Intelligence and Soft Computing
12	Applied Computer Science
13	Applied Computer Systems
14	Baltic Journal of Modern Computing
15	Brain. Broad Research in Artificial Intelligence and Neuroscience
16	CAAI Transactions on Intelligence Technology
17	Cognitive Computation and Systems
18	Communications and Network
19	Computation
20	Computational Communication Research
21	Computational Ecology and Software
22	Computational Engineering and Physical Modeling
23	Computational Intelligence and Neuroscience
24	Computational Social Networks
25	Computer and Information Science
26	Computer Science



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27	Computer Science and Information Systems
28	Computers
29	Computers and Education Open
30	Crosstalk : Journal of Defense Software Engineering
31	Digital Studies
32	Database : the Journal of Biological Databases and Curation
33	Digital Culture & Education
34	Data Science and Engineering
35	Discover Internet of Things
36	Discrete and Continuous Models and Applied Computational Science
37	EAI Endorsed Transactions on Cloud Systems
38	Egyptian Informatics Journal
39	e-Informatica Software Engineering Journal
40	E-learning and Education
41	Electronic Communications of the EASST
42	Electronic Proceedings in Theoretical Computer Science
43	Engineering Letters
44	EURASIP Journal on Information Security
45	First Monday
46	Foundations of Computing and Decision Sciences
47	Frontiers in Artificial Intelligence
48	Frontiers in Computer Science
49	Frontiers in Robotics and AI
50	Future Internet
51	Game Studies
52	GigaByte
53	Graphics and Visual Computing
54	Human Technology
55	IAENG International Journal of Computer Science
56	IEEE Open Journal of the Computer Society
57	IET Computers & Digital Techniques
58	IET Cyber-systems and Robotics
59	IET Image Processing



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60	IJAIN (International Journal of Advances in Intelligent Informatics)
61	IJID (International Journal on Informatics for Development)
62	Indian Journal of Computer Science and Engineering
63	IJIE (Indonesian Journal of Informatics Education)
64	Information Technology Journal
65	Intelligent Control and Automation
66	Intelligent Information Management
67	Interdisciplinary Journal of Information, Knowledge, and Management
68	The International Arab Journal of Information Technology
69	International Journal of Ad Hoc, Sensor & Ubiquitous Computing
70	Informatics in Education
71	International Journal of Advanced Computer Sciences and Applications
72	International Journal of Artificial Intelligence & Applications
73	International Journal of Applied Mathematics and Computer Science
74	International Journal of Communication Networks and Information Security
75	International Journal of Computer Games Technology
76	International Journal of Computer Networks & Communications
77	International Journal of Computer Science & Information Technology
78	International Journal of Computer Science and Communication
79	International Journal of Computer Science and Engineering Survey
80	International Journal of Computer Science and Information Technologies
81	International Journal of Computer Science and Management Studies
82	International Journal of Computer Science Issues
83	International Journal of Computer Science, Engineering and Applications (IJCSEA)
84	International Journal of Computational Methods and Experimental Measurements
85	International Journal of Computer Applications Technology and Research
86	International Journal of Database Management Systems
87	International Journal of Distributed and Parallel Systems
88	International Journal of Distributed Sensor Networks
89	International Journal of Doctoral Studies
90	International Journal of Education and Development using Information and Communication Technology
91	International Journal of Future Generation Communication and Networking
92	International Journal of Hybrid Information Technology



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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

93	International Journal of Image, Graphics and Signal Processing
94	International Journal of Computers Communications & Control
95	International Journal of Information Engineering and Electronic Business
96	International Journal of Information Technology and Computer Science
97	International Journal of Intelligent Systems and Applications
98	International Journal of Managing Information Technology
99	International Journal of Modern Education and Computer Science
100	International Journal of Multimedia & Its Applications
101	International Journal of Network Security
102	International Journal of Network Security & Its Applications
103	International Journal of Reconfigurable Computing
104	International Journal of Signal and Image Processing
105	International Journal of Simulation : Systems, Science and Technology
106	International Journal of Web & Semantic Technology
107	International Journal on Electrical Engineering and Informatics
108	International Journal of Information Security Science
109	IoT
110	ISEL Academic Journal of Electronics, Telecommunications and Computers
111	Issues in Information Systems
112	JITeCS (Journal of Information Technology and Computer Science)
113	JOIV: International Journal on Informatics Visualization
114	Jordanian Journal of Computers and Information Technology
115	Journal of Applied Computer Science & Mathematics
116	Journal of Artificial Intelligence and Data Mining
117	Journal of Cloud Computing: Advances, Systems and Applications
118	Journal of Communications Software and Systems
119	Journal of Computational Geometry
120	Journal of Computer and Robotics
121	Journal of Computer Networks and Communications
122	Journal of Computer Science and Technology
123	Journal of Computer Systems, Networks, and Communications
124	Journal of Computing Research and Innovation
125	Journal of Data and Information Science



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126	Journal of Electrical Systems and Information Technology
127	Journal of Intelligent Systems
128	International Journal on Smart Sensing and Intelligent Systems
129	Journal of Internet Services and Information Security
130	International Journal on Soft Computing
131	Journal of Open Source Software
132	The Journal of Artificial Intelligence Research
133	Journal of Machine Learning Research
134	Journal of Software Engineering Research and Development
135	Journal of Universal Computer Science
136	Knowledge Engineering and Data Science
137	Logical Methods in Computer Science
138	Machine Learning: Science and Technology
139	Mathematical and Computer Modelling of Dynamical Systems
140	Journal of Software Engineering and Applications
141	Journal of Systemics, Cybernetics and Informatics
142	Journal of Theoretical and Applied Information Technology
143	Neuromorphic Computing and Engineering
144	Open Computer Science
145	Peer J Computer Science
146	Proceedings on Privacy Enhancing Technologies
147	Scientific Phone Apps and Mobile Devices
148	Scientific Programming
149	Soft Computing Letters
150	Software X
151	South African Computer Journal
152	Signal & Image Processing
153	Supercomputing Frontiers and Innovations
154	Systems, Signs & Actions
155	Theory and Applications of Mathematics & Computer Science
156	Transactions on Data Privacy
157	The International Journal on Advances in ICT for Emerging Regions
158	Vietnam Journal of Computer Science



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159	Virtual Reality & Intelligent Hardware
160	Wireless Sensor Network

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S. NO.	TITLE OF THE JOURNALS
1	AIMS Electronics and Electrical Engineering
2	American Journal of Electrical and Electronic Engineering
3	American Journal of Embedded Systems and Application
4	EAI Endorsed Transactions on Industrial Networks and Intelligent Systems
5	Electrical, Control and Communication Engineering
6	Electronics
7	Electronics Letters
8	Facta Universitatis. Series: Electronics and Energetics
9	ICTACT Journal on Communication Technology
10	IEEE Open Journal of Power Electronics
11	IEEE Open Journal of the Communications Society
12	IEEE Open Journal of the Industrial Electronics Society
13	IET Communications
14	IET Optoelectronics
15	IET Power Electronics
16	IET Quantum Communication
17	International Journal of Computer and Communication Engineering
18	International Journal of Computers Communications & Control
19	International Journal of Electrical and Electronic Engineering & Telecommunication
20	International Journal of Electrical, Electronics and Data Communication(IJEEDC)
21	International Journal of Electronics and Telecommunications
22	International Journal of Engineering Research in Electronics and Communication Engineering
23	International Journal of Wireless & Mobile Network (IJWMN)
24	IOSR Journal of Electronics and Communication Engineering(IOSR-JECE)
25	Iranian Journal of Electrical and Electronic Engineering
26	ISEL Academic Journal of Electronics, Telecommunications and Computers
27	ITB Journal of Information and Communication Technology
28	Journal of Computer Systems, Networks, and Communications
29	Journal of Electronics and Information Science
30	Journal of Electronics, Electromedical Engineering, and Medical Informatics
31	Journal of ICT
32	Journal of Information Systems and Telecommunication
33	Journal of Internet Services and Applications



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34	Journal of Low Power Electronics and Applications
35	npj Flexible Electronics
36	Power Electronics and Drives
38	Semiconductor Physics, Quantum Electronics & Optoelectronics
39	Solid State Electronics Letters
40	The African Journal of Information and Communication

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S. NO.	TITLE OF THE JOURNALS
1	Active and Passive Electronic Components
2	Advances in Electrical and Computer Engineering
3	Advances in Electrical and Electronic Engineering
4	Advances in Fuzzy Systems
5	AIMS Electronics and Electrical Engineering
6	Archives of Electrical Engineering
7	Atom Indonesia
8	Batteries
9	Bulletin of the Institute of Heat Engineering
10	Chinese Journal of Electrical Engineering
11	Circuits and Systems
12	Clean Energy
13	Electrical, Control and Communication Engineering
14	Electronics Letters
15	Energy and Power Engineering
16	Energy Geoscience
17	EPJ Applied Metamaterials
18	EPJ Nuclear Sciences & Technologies
19	ETRI Journal
20	EURASIP Journal on Advances in Signal Processing
21	Facta Universitatis. Series: Electronics and Energetics
22	High Voltage
23	IEEE Open Access Journal of Power and Energy
24	IEEE Open Journal of Circuits and Systems
25	IEEE Open Journal of Power Electronics
26	IEEE Open Journal of the Industrial Electronics Society
27	IET Circuits, Devices and Systems



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28	IET Electric Power Applications
29	IET Generation, Transmission & Distribution
30	IET Nanodielectrics
31	IET Power Electronics
32	IET Smart Grid
33	International Journal of Advanced Nuclear Reactor Design and Technology
34	International Journal of Antennas and Propagation
35	International Journal of Electrical Engineering and Applied Sciences
36	Iranian Journal of Electrical and Electronic Engineering
37	Journal of Electrical Engineering and Computer
38	Journal of Electrical Systems
39	Journal of Electrical Systems and Information Technology
40	Journal of Electrical, Electronics and Informatics
41	Journal of Electronics, Electromedical Engineering, and Medical Informatics
42	Journal of Low Power Electronics and Applications
43	Journal of Mechatronics, Electrical Power, and Vehicular Technology
44	Journal of Microelectronic Manufacturing
45	Journal of Modern Power Systems and Clean Energy
46	Journal of Nuclear Engineering
47	Journal of Nuclear Fuel Cycle and Waste Technology
48	Journal of Operation and Automation in Power Engineering
49	Journal of Power Sources Advances
50	Journal of Power Technologies
51	Journal of Sensor Technology
52	Journal of Signal and Information Processing
53	Journal of the Global Power and Propulsion Society
54	Journal of the Korean Institute of Electromagnetic Engineering and Science
55	Majlesi Journal of Electrical Engineering
56	Materials for Quantum Technology
57	Materials Reports: Energy
58	Materials Science for Energy Technologies
59	Micromachines
60	Nuclear Energy and Technology
61	Nuclear Engineering and Technology
62	Nuclear Materials and Energy
63	Nuclear Technology and Radiation Protection
64	Power Electronics and Drives



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65	Protection and Control of Modern Power Systems
66	Science and Technology of Nuclear Installations
67	Sensors International
68	Transactions on Environment and Electrical Engineering
69	Turkish Journal of Electrical Engineering and Computer Sciences
70	Wireless Engineering and Technology

DEPARTMENT OF MECHANICAL ENGINEERING

S. NO.	TITLE OF THE JOURNALS
1	Acta Mechatronica
2	Advances in Mechanical Engineering
3	Advances in Tribology
4	American Journal of Mechanical Engineering
5	Archive of Mechanical Engineering
6	Chinese Journal of Mechanical Engineering
7	Engineering Applications of Computational Fluid Mechanics
8	Facta Universitatis. Series: Mechanical Engineering
9	Friction
10	Frontiers in Mechanical Engineering
11	International Journal of Automotive and Mechanical Engineering
12	International Journal of Mechanical and Materials Engineering
13	International Journal of Mechanical Engineering and Applications
14	International Journal of Mechanical Engineering and Robotics Research
15	International Journal of Turbomachinery, Propulsion and Power
16	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)
17	JEMMME (Journal of Energy, Mechanical, Material, and Manufacturing Engineering)
18	Jordan Journal of Mechanical and Industrial Engineering
19	Journal of Applied Fluid Mechanics
20	Journal of Computational and Applied Mechanics
21	Journal of Engineering Mechanics and Machinery
22	Journal of Low Frequency Noise, Vibration and Active Control
23	Journal of Mechanical Engineering



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24	Journal of Mechanical Engineering and Sciences
25	Journal of Mechanical Engineering and Technology
26	Journal of Mechanical Engineering Research and Developments
27	Journal of Mechanics
28	Journal of Mechatronics, Electrical Power, and Vehicular Technology
29	Journal of Renewable Energy and Mechanics
30	Journal of Robotics
31	Journal of the Mechanical Behavior of Materials
32	Machines
33	Mechanical Engineering Journal
34	Mechanical Sciences
35	Mechanics & Industry
36	Modern Mechanical Engineering
37	Periodica Polytechnica Mechanical Engineering
38	ROBOMECH Journal
39	Theoretical and Applied Mechanics Letters
40	Tribology in Industry

DEPARTMENT OF SCIENCE AND HUMANITIES

S. NO.	TITLE OF THE JOURNALS
1	Acta Polytechnica CTU Proceedings
2	Advanced Industrial and Engineering Polymer Research
3	Advances in Civil Engineering
4	Advances in Materials Physics and Chemistry
5	Advances in Materials Science and Engineering
6	Ain Shams Engineering Journal
7	Alexandria Engineering Journal
8	American Journal of Engineering and Applied Sciences
9	Annals of the Faculty of Engineering Hunedoara
10	Applications of Modelling and Simulation
11	Applied Computational Intelligence and Soft Computing
12	Archives of Civil Engineering
13	Arid Zone Journal of Engineering, Technology and Environment
14	ARPJ Journal of Engineering and Applied Sciences
15	Atmospheric Measurement Techniques



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16	Australasian Journal of Construction Economics and Building
17	AUT Journal of Civil Engineering
18	Bulletin of Materials Science
19	Ceramica
20	Civil and Environmental Engineering
21	Civil and Environmental Engineering Reports
22	Civil and Environmental Science Journal
23	Civil Engineering Dimension
24	Civil Engineering Infrastructures Journal
25	Civil Engineering Journal
26	CivilEng
27	Cleaner Engineering and Technology
28	Coatings
29	Cogent Engineering
30	Computational Engineering and Physical Modeling
31	Construction Economics and Building
32	Curved and Layered Structures
33	Design Science
34	Designs
35	Detritus Journal
36	Developments in the Built Environment
37	Electronic Journal of the Faculty of Civil Engineering Osijek
38	Engineering
39	Engineering Heritage Journal
40	Engineering Journal
41	Engineering Reports
42	Engineering, Technology & Applied Science Research
43	eXPRESS Polymer Letters
44	FME Transactions
45	Fracture and Structural Integrity
46	Frontiers in Built Environment
47	Geodinamica Acta
48	Graevinar Civil Engineer
49	Heritage and Sustainable Development
50	IET Smart Cities
51	IETI Transactions on Ergonomics and Safety
52	Indian Journal of Engineering & Materials Sciences
53	Infrastructures
54	International Journal for Computational Civil and Structural Engineering
55	International Journal for Service Learning in Engineering
56	International Journal of Concrete Structures and Materials



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57	International Journal of Corrosion
58	International Journal of Disaster Risk Science
59	International Journal of Engineering and Geosciences
60	International Journal of Engineering and Technology Innovation
61	International Journal of Engineering Research and Applications
62	International Journal of Geo-Engineering
63	International Journal of Nano Dimension
64	International Journal of Rotating Machinery
65	ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences
66	Japan Architectural Review
67	Journal of Accessibility and Design for All
68	Journal of Applied Engineering and Technological Science
69	Journal of Applied Volcanology
70	Journal of Civil Engineering and Management
71	Journal of Civil Engineering, Science and Technology
72	Journal of Design and the Built Environment
73	Journal of Disaster and Emergency Research
74	Journal of Engineering and Technological Sciences
75	Journal of Engineering Science
76	Journal of Engineering Science and Technology Review
77	Journal of Engineering Sciences and Innovation
78	Journal of Environmental Engineering and Landscape Management
79	Journal of Flood Risk Management
80	Journal of Infrastructure Preservation and Resilience
81	Journal of Materials and Engineering Structures
82	Journal of Nanomaterials
83	Journal of Pipeline Science and Engineering
84	Journal of Rehabilitation in Civil Engineering
85	Journal of Research and Innovation for Sustainable Society
86	Journal of Risk Analysis and Crisis Response
87	Journal of Rock Mechanics and Geotechnical Engineering
88	Journal of Soft Computing in Civil Engineering
89	Journal of Sustainable Architecture and Civil Engineering
90	Journal of Sustainable Construction Materials and Technologies
91	Journal of Sustainable Design and Applied Research in Innovative Engineering of the Built Environment
92	Journal of the Civil Engineering Forum
93	Latin American Journal of Solids and Structures
94	Magazine of Civil Engineering
95	Maintenance and Reliability



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96	Materials Sciences and Applications
97	Mathematical Problems in Engineering
98	Modelling and Simulation in Engineering
99	Nordic Journal of Surveying and Real Estate Research
100	Open Civil Engineering Journal
101	Organization, Technology and Management in Construction: An International Journal
102	Research Journal of Applied Sciences, Engineering and Technology
103	Research Letters in Nanotechnology
104	Safety & Fire Technique
105	Selected Scientific Papers: Journal of Civil Engineering
106	Slovak Journal of Civil Engineering
107	Smart Cities
108	Soils and Rocks
109	Sustainable Engineering and Innovation
110	TeMA: Journal of Land Use, Mobility and Environment
111	The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences
112	The Journal of Engineering Research
113	Transactions of the VŠB: Technical University of Ostrava, Civil Engineering Series
114	Underground Space
115	Urban Rail Transit

AUTOMOBILE ENGINEERING

S. No.	TITLE OF THE JOURNALS
1	Advanced Modeling and Simulation in Engineering Sciences
2	Advances in Automobile Engineering
3	Automotive Experiences
4	Engineering
5	Engine & Automotive Engineering
6	European Transport Research Review
7	Frontiers in Mechanical Engineering
8	IEEE Open Journal of Vehicular Technology
9	International Journal of Automotive and Mechanical Engineering
10	International Journal of Automotive engineering
11	International Journal of Automotive Engineering & Technologies
12	International Journal of Automotive Science and Technology
13	International Journal of Mechanical and Materials Engineering



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14	International Journal of Research in Mechanical Mechatronics and automobile engineering (IJRMMAE)
15	LOGI - Scientific Journal on Transport and Logistics

INDUSTRIAL ENGINEERING

S. No.	TITLE OF THE JOURNALS
1	Advances in Industrial Engineering
2	Advances in Industrial Engineering and Management
3	Advances in Production Engineering & Management
4	American Journal of Industrial Engineering
5	American Journal of Operations Research
6	A Journal of Water Resources and Industry
7	Batteries
8	Brazillian Journal of Operations & Production Management
9	Engineering, Technology & Applied Science Research
10	Industrial Engineering
11	Industrial Engineering
12	Industrial Engineering & Management Systems
13	Industrial Engineering and Management
14	Industrial Engineering and Strategic management
15	Industrial Engineering Journal
16	International Journal of Industrial and Operations Research
17	International Journal of Mathematics for Industry
18	International Hungarian Journal of Industry and Chemistry
19	International Journal of Industrial Engineering
20	International Journal of Industrial Engineering & Production Research
21	International Journal of Industrial Engineering and Management
22	International Journal of Industrial Engineering Computations
23	International Journal of Information Systems and Project Management
24	International Journal of Operations Research
25	International Journal of Production Management and Engineering
26	International Journal of Research in Industrial Engineering
27	Journal of Applied Research on Industrial Engineering
28	Journal of Engineering & Technological Sciences
29	Journal of Engineering and Management in Industrial System
30	Journal of Engineering in Industrial Research
31	Journal of Engineering, Project & Production Management



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32	Journal of Industrial Engineering and Management
33	Journal of Industrial Engineering and Management
34	Journal of Industrial Engineering and Management Studies
35	Journal of Industrial Engineering International
36	Journal of Industrial Engineering Management
37	Journal of Information System & Technology Management
38	Journal of Modern Processes in Manufacturing and Production
39	Journal of Optimization in Industrial Engineering
40	Journal of Scientific and Industrial Research
41	Journal of Management Systems in Production Engineering
42	Journal of Mathematics in Industry
43	Natural Gas Industry B
44	Operational Research in Engineering Sciences
45	Operations Research and Decisions
46	The South African Journal of Industrial Engineering

MATERIALS

S. No.	TITLE OF THE JOURNALS
1	Advanced Industrial and Engineering Polymer Research
2	Advances in Materials Physics and Chemistry
3	Advances in Materials Science and Engineering
4	Bulletin of Materials Science
5	Case Studies in Construction Materials
6	Energy Material Advances
7	EPJ Applied Metamaterials
8	eXPRESS Polymer Letters
9	FirePhysChem
10	Fracture and Structural Integrity
11	IBRACON Structures and Materials Journal
12	Indian Journal of Engineering & Materials Sciences
13	Indian Journal of Fibre & Textile Research
14	International Journal of Concrete Structures and Materials
15	International Journal of Corrosion
16	International Journal of Nano Dimension
17	JEMMME (Journal of Energy, Mechanical, Material, and Manufacturing Engineering)
18	Journal of Applied Fluid Mechanics



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19	Journal of Building Materials and Structures
20	Journal of Manufacturing and Materials Processing
21	Journal of Materials and Engineering Structures
22	Journal of Materiomics
23	Journal of Nanomaterials
24	Journal of Sustainable Construction Materials and Technologies
25	Journal of the Mechanical Behavior of Materials
26	Materials
27	Materials & Design
28	Materials for Quantum Technology
29	Materials Reports: Energy
30	Materials Research
31	Materials Science for Energy Technologies
32	Materials Sciences and Applications
33	Nuclear Materials and Energy
34	Processing and Application of Ceramics
35	Science and Technology of Advanced Materials
36	Sensors and Materials

TECHNOLOGY

S.No.	TITLE OF THE JOURNALS
1	Aceh International Journal of Science and Technology
2	Adsorption Science & Technology
3	Advances in Environmental Technology
4	Advances in Operations Research
5	Advances in Science and Technology Research Journal
6	Advances in Technology Innovation
7	ASEAN Journal on Science and Technology for Development
8	Asian Journal of Technology Management
9	Asia-Pacific Journal of Science and Technology
10	CAAI Transactions on Intelligence Technology
11	Cleaner Engineering and Technology
12	Design and Technology Education: An International Journal
13	E-Journal of Surface Science and Nanotechnology
14	Emitter: International Journal of Engineering Technology
15	Engaging Science, Technology, and Society
16	Engineering Science and Technology, an International Journal



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17	Engineering, Technology & Applied Science Research
18	International Journal of Advanced Nuclear Reactor Design and Technology
19	International Journal of Advances in Engineering and Technology
20	International Journal of Engineering and Technology
21	International Journal of Innovative Technology and Interdisciplinary Sciences
22	International Journal of Technology
23	IPTEK: The Journal for Technology and Science
24	ITB Journal of Information and Communication Technology
25	Journal of Advanced Manufacturing Technology
26	Journal of Analytical Science and Technology
27	Journal of Aviation Technology and Engineering
28	Journal of Electrical Systems and Information Technology
29	Journal of Energy Management and Technology
30	Journal of Engineering and Technology
31	Journal of Engineering Research and Technology
32	Journal of Engineering Science and Technology
33	Journal of Engineering Science and Technology Review
34	Journal of Mechatronics, Electrical Power, and Vehicular Technology
35	Journal of Nanotechnology
36	Journal of New Technology and Materials
37	Journal of Nuclear Fuel Cycle and Waste Technology
38	Journal of Petroleum Exploration and Production Technology
39	Journal of Research of the National Institute of Standards and Technology
40	Journal of Scientific & Industrial Research
41	Journal of Sensors
42	Journal of Space Technology
43	Journal of STEM Education : Innovations and Research
44	Journal of Technology Education
45	Journal of Technology Management & Innovation
46	Journal of Technology Research
47	Machine Learning: Science and Technology
48	Maejo International Journal of Science and Technology
49	Nature Environment and Pollution Technology
50	Nigerian Journal of Technology
51	Northwestern Journal of Technology and Intellectual Property
52	Nuclear Technology and Radiation Protection
53	Oil & Gas Science and Technology



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54	Organization, Technology and Management in Construction: An International Journal
55	Physical Sciences and Technology
56	Proceedings of Engineering and Technology Innovation
57	Research Briefs on Information & Communication Technology Evolution
58	Science and Technology of Nuclear Installations
59	Science Technology and Engineering Journal
60	SCIRES-IT : SCientific RESearch and Information Technology
61	Sensors
62	UHD Journal of Science and Technology
63	Waste Technology
64	Water Practice and Technology
65	World Journal of Nano Science and Engineering

CHEMICAL ENGINEERING & TECHNOLOGY

S. NO.	TITLE OF THE JOURNALS
1	ACS Omega
2	Batteries
4	Biosurface and Biotribology
5	Bulletin of the Chemical Society of Ethiopia
6	Case Studies in Chemical and Environmental Engineering
7	Chemical and Biochemical Engineering Quarterly
8	Chemical Engineering Journal Advances
9	Chemical Engineering Science: X
10	Chemical Engineering Transactions
11	Chemical Industry and Chemical Engineering Quarterly
12	Chemical Physics Impact
13	Chemical Review and Letters
14	Chemical Science
15	European Chemical Bulletin
16	eXPRESS Polymer Letters
17	Frontiers in Chemical Engineering
18	Green Chemical Engineering
19	Hungarian Journal of Industry and Chemistry
20	Indian Journal of Advances in Chemical Science
21	Indonesian Journal of Chemical Research
22	International Journal of Chemical Engineering



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23	International Journal of ChemTech Research
24	International Journal of Electrochemical Science
25	International Journal of Polymer Science
26	Ion Exchange Letters
27	Iranian Journal of Chemistry & Chemical Engineering
28	Iraqi Journal of Chemical and Petroleum Engineering
29	Journal of Chemical and Petroleum Engineering
30	Journal of Chemical Health Risks
31	Journal of Cheminformatics
32	Journal of Leather Science and Engineering
33	Journal of Saudi Chemical Society
34	Journal of the Brazilian Chemical Society
35	Journal of the Serbian Chemical Society
36	Journal of the Turkish Chemical Society Section B: Chemical Engineering
37	Journal of the Turkish Chemical Society, Section A: Chemistry
38	Macedonian Journal of Chemistry and Chemical Engineering
39	Nanochemistry Research
40	New Journal of Glass and Ceramics
41	Oil & Gas Science and Technology
42	Periodica Polytechnica: Chemical Engineering
43	Polish Journal of Chemical Technology
44	Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry
45	South African Journal of Chemical Engineering
46	Synthetic and system biotechnology

CONSTRUCTION & INFRASTRUCTURE

S. No.	TITLE OF THE JOURNALS
1	Acta Structilia
2	Advances in Bridge Engineering
3	Aqua: Water Infrastructure, Ecosystems and Society
4	Atmospheric Measurement Techniques
5	Australasian Journal of Construction Economics and Building
6	Baltic Journal of Real Estate Economics and Construction Management
7	Buildings
8	Buildings & Cities
9	Case Studies in Construction Materials



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10	Ceramica
11	Coatings
12	Construction Economics & Buildings
13	CSID Journal of Infrastructure Development
14	Curved and Layered Structures
15	Design Science
16	Designs
17	Detritus Journal
18	Developments in the Built Environment
19	Energy and Built Environment
20	Engineering Heritage Journal
21	Environmental Research: Infrastructure and Sustainability
22	European Journal of Transport and Infrastructure Research
23	Fracture and Structural Integrity
24	Frontiers in Built Environment
25	Geodinamica Acta
26	HBRC Journal
27	Heritage and Sustainable Development
28	IBRACON Structures and Materials Journal
29	IET Smart Cities
30	IETI Transactions on Ergonomics and Safety
31	Infrastructures
32	International Journal for Computational Civil and Structural Engineering
33	International Journal of Concrete Structures and Materials
34	International Journal of Construction Supply Chain Management
35	International Journal of Corrosion
36	International Journal of Disaster Risk Science
37	International Journal of Engineering and Geosciences
38	Japan Architectural Review
39	Journal of Accessibility and Design for All
40	Journal of Asian Architecture and Building Engineering
41	Journal of Building Materials and Structures
42	Journal of Construction in Developing Countries
43	Journal of Daylighting in Buildings
44	Journal of Design and the Built Environment
45	Journal of Disaster and Emergency Research
46	Journal of Environmental Engineering and Landscape Management



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47	Journal of Facade Design and Engineering
48	Journal of Flood Risk Management
49	Journal of Information Technology in Construction
50	Journal of Infrastructure Preservation and Resilience
51	Journal of Materials and Engineering Structures
52	Journal of Research and Innovation for Sustainable Society
53	Journal of Risk Analysis and Crisis Response
54	Journal of Rock Mechanics and Geotechnical Engineering
55	Journal of Sustainable Architecture and Civil Engineering
56	Journal of Sustainable Construction Materials and Technologies
57	Journal of Sustainable Design and Applied Research in Innovative Engineering of the Built Environment
58	Journal of Wood Science
59	Latin American Journal of Solids and Structures
60	Lean Construction Journal
61	Maintenance and Reliability
62	Materials & Design
63	Nanotechnologies in Construction
64	Nordic Concrete Research
65	Nordic Journal of Surveying and Real Estate Research
66	Open Construction & Building Technology Journal
67	Organization, Technology and Management in Construction: An International Journal
68	RILEM Technical Letters
69	Romanian Journal of Transport Infrastructure
70	Safety & Fire Technique
71	Smart Cities
72	Soils and Rocks
73	Sustainable Buildings
74	Sustainable Engineering and Innovation
75	TeMA: Journal of Land Use, Mobility and Environment
76	The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences
77	Underground Space
78	Urban Rail Transit
79	Vitruvio: International Journal of Architectural Technology and Sustainability



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HYDRAULIC ENGINEERING

S. No.	TITLE OF THE JOURNALS
1	Applied Water Science
2	Aqua- Water Infrastructure, Ecosystems and Society
3	Drinking Water Engineering and Science
4	Engineering Applications of Computational Fluid Mechanics
5	Frontiers in Water
6	H2Open Journal
7	Hydrological Research Letters
8	Hydrology
9	Hydrology and Earth System Sciences
10	Hydrology Research
11	HydroResearch
12	International Journal of Coastal and Offshore Engineering
13	International Journal of Hydraulic Engineering
14	International Soil and Water Conservation Research
15	Journal of Flood Risk Management
16	Journal of Hydraulic Structures
17	Journal of Hydroinformatics
18	Journal of Hydrology and Hydromechanics
19	Journal of Hydrology X
20	Journal of Water and Climate Change
21	Journal of Water and Environment Technology
22	Journal of Water and Environmental Nanotechnology
23	Journal of Water and Environmental Nanotechnology
24	Journal of Water and Land Development
25	Journal of Water Reuse and Desalination
26	Journal of Water, Sanitation and Hygiene for Development
27	Renewables: Wind, Water, and Solar
28	Texas Water Journal
29	Water
30	Water Alternatives
31	Water Conservation and Management
32	Water Cycle
33	Water Policy
34	Water Practice and Technology



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35	Water Quality Research Journal
36	Water Research X
37	Water Resources and Industry
38	Water Reuse
39	Water S.A.
40	Water Science
41	Water Science and Engineering
42	Water Science and Technology
43	Water Supply
44	Water-Energy Nexus

MANUFACTURES

S. No.	TITLE OF THE JOURNALS
1	Advanced Manufacturing: Polymer & Composites Science
2	Advances in Industrial and Manufacturing Engineering
3	Advances in Operations Research
4	Annals of the University of Oradea. Fascicle of Textiles, Leatherwork
5	Brazilian Journal of Operations & Production Management
6	Engineering Management in Production and Services
7	Fibres & Textiles in Eastern Europe
8	IET Collaborative Intelligent Manufacturing
9	International Journal of Engineering Materials and Manufacture
10	International Journal of Extreme Manufacturing
11	International Journal of Lightweight Materials and Manufacture
12	International Journal of Operations Research
13	JEMMME (Journal of Energy, Mechanical, Material, and Manufacturing Engineering)
14	Journal of Advanced Manufacturing Technology
15	Journal of Applied Packaging Research
16	Journal of Engineering and Manufacturing Technology
17	Journal of Engineering Mechanics and Machinery
18	Journal of Intelligent Manufacturing and Special Equipment
19	Journal of Manufacturing and Materials Processing
20	Journal of Microelectronic Manufacturing
21	Journal of Modern Processes in Manufacturing and Production
22	MADERAS : Ciencia y Tecnologia



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23	Management Systems in Production Engineering
24	Manufacturing Review
25	Production and Manufacturing Research: An Open Access Journal

MINING AND METALLURGY

S. No.	TITLE OF THE JOURNALS
1	Acta Metallurgica Slovaca
2	American Journal of Mining and Metallurgy
3	Archives of Metallurgy and Materials
4	Aspects in Mining & Mineral Science
5	Insights in Mining Science & Technology
6	International Journal of Coal Science & Technology
7	International Journal of Mining and Geo-Engineering
8	International Journal of Mining Science and Technology
9	International Journal of Mining, Materials, and Metallurgical Engineering
10	Journal of Magnesium and Alloys
11	Journal of Metals, Materials and Minerals
12	Journal of Mineral and Material Science
13	Journal of Mining and Mechanical Engineering
14	Journal of Mining and Metallurgy
15	Journal of Mining and Metallurgy, Section B : Metallurgy
16	Journal of the Southern African Institute of Mining and Metallurgy
17	Minerals
18	Mining Science
19	Platinum Metals Review
20	The Annals of "Dunarea de Jos" University of Galati. Fascicle IX, Metallurgy and Materials Science

TRANSPORTATION

S. No.	TITLE OF THE JOURNALS
1	Archives of Transport
2	European Journal of Transport and Infrastructure Research
3	European Transport Research Review
4	IATSS Research
5	IEEE Open Journal of Intelligent Transportation Systems



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6	IEEE Open Journal of Vehicular Technology
7	IET Intelligent Transport Systems
8	International Journal for Traffic and Transport Engineering
9	International Journal of Aerospace Engineering
10	International Journal of Transport Development and Integration
11	International Journal of Transportation Science and Technology
12	Journal of Airline and Airport Management
13	Journal of Public Transportation
14	Journal of Sustainable Development of Transport and Logistics
15	Journal of Transport and Land Use
16	Journal of Transport and Supply Chain Management
17	Journal of Transportation Technologies
18	LOGI - Scientific Journal on Transport and Logistics
19	MAD: Magazine of Aviation Development
20	Maritime Transport Research
21	Open Transportation Journal
22	PROMET: Traffic & Transportation
23	Romanian Journal of Transport Infrastructure
24	Transactions on Transport Sciences
25	Transport
26	Transport and Telecommunication
27	Transport Findings
28	Transport Problems
29	Transportation Engineering
30	Transportation Research Interdisciplinary Perspectives
31	Transportation Safety and Environment
32	Urban Rail Transit
33	Urban, Planning and Transport Research
34	Vehicles
35	World Electric Vehicle Journal

MILITARY SCIENCES

S. No.	TITLE OF THE JOURNALS
1	Advances in Military Technology
2	Annals: Series on Military Sciences
3	BMC Emergency Medicine



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4	British Journal for Military History
5	Bulletin of "Carol I" National Defense University
6	Defence Science Journal
7	Defence Technology
8	Global Security: Health, Science and Policy
9	Homeland Security Affairs
10	ICCT Research Papers- International Centre for Counter-Terrorism
11	Journal of Defense Analytics and Logistics
12	Journal of Defense Resources Management
13	Journal of Military and Strategic Studies
14	Journal of Military Studies
15	Journal of Strategic Security
16	Land Forces Academy Review
17	Military Medical Research
18	Romanian Journal of Military Medicine
19	Safety & Defense
20	Scandinavian Journal of Military Studies
21	Scientia Militaria : South African Journal of Military Studies
22	Scientific Journal of the Military University of Land Forces
23	Security and Defence Quarterly



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DELNET (Developing Library Network), New Delhi, is a major resource sharing library network in India, connecting more than 7700 institutions in 33 states in India and a few other countries, comprising of universities, colleges, R&D organizations, medical hospitals, etc. DELNET is devoted to the modernization and networking of libraries. It was registered as a society on June 30, 1992. The main objectives of DELNET are to promote resource sharing among the member libraries by collecting, storing, and disseminating information and by offering networked library services to users; to undertake research in the area of information science and technology; to offer technical guidance to member libraries; to coordinate efforts for suitable collection development; to facilitate and promote Inter Library Loan and delivery of documents, etc..

S. No.	DETAILS OF SUBSCRIPTION	NAME OF SERVICE PROVIDER	NO. OF E-RESOURCES
1	2017-TILL DATE	DEVELOPING LIBRARY NETWORK (DELNET)	E-BOOKS -10676

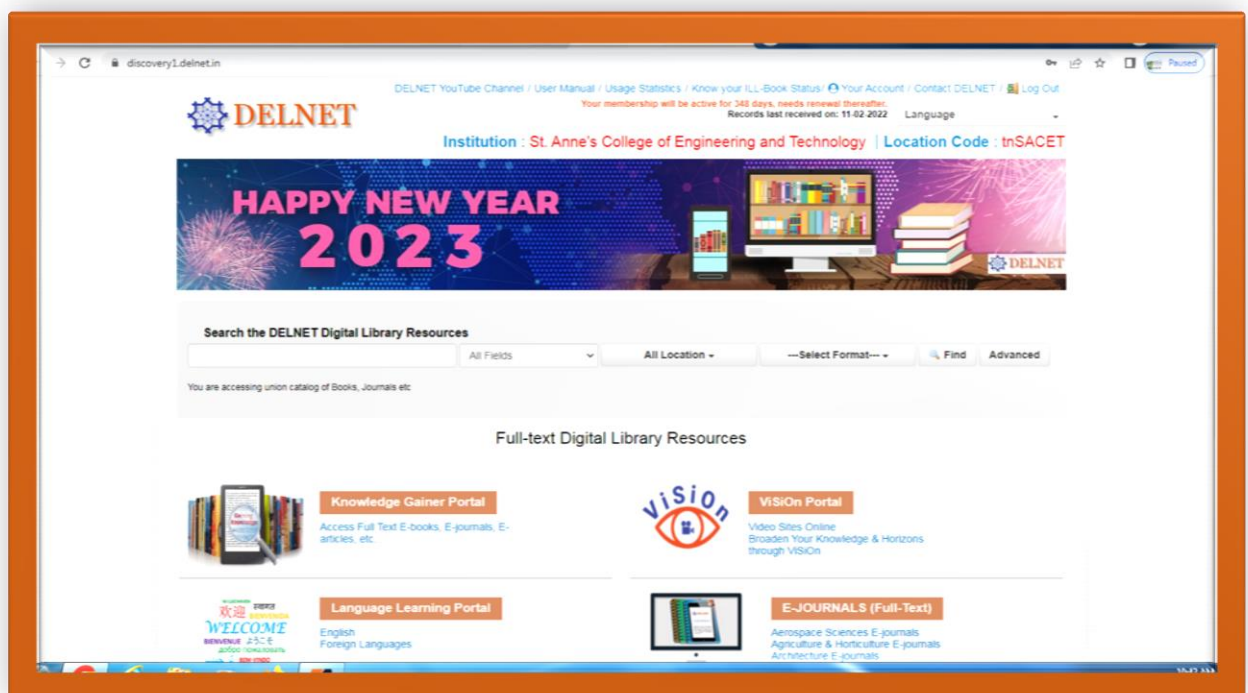
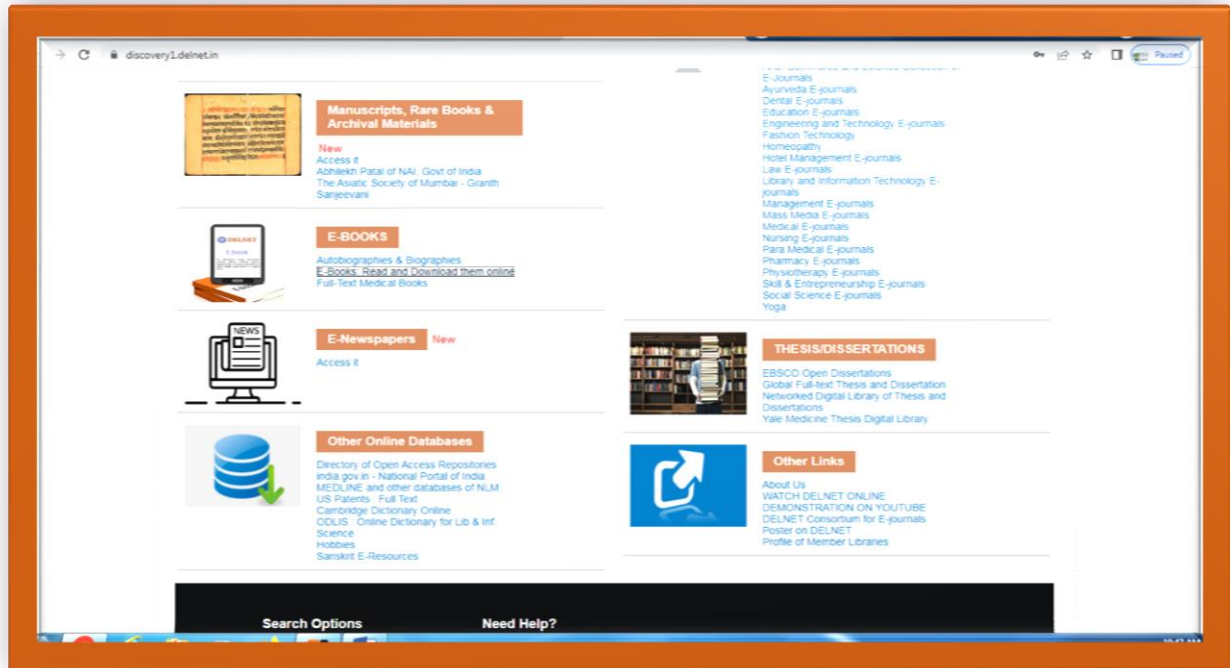


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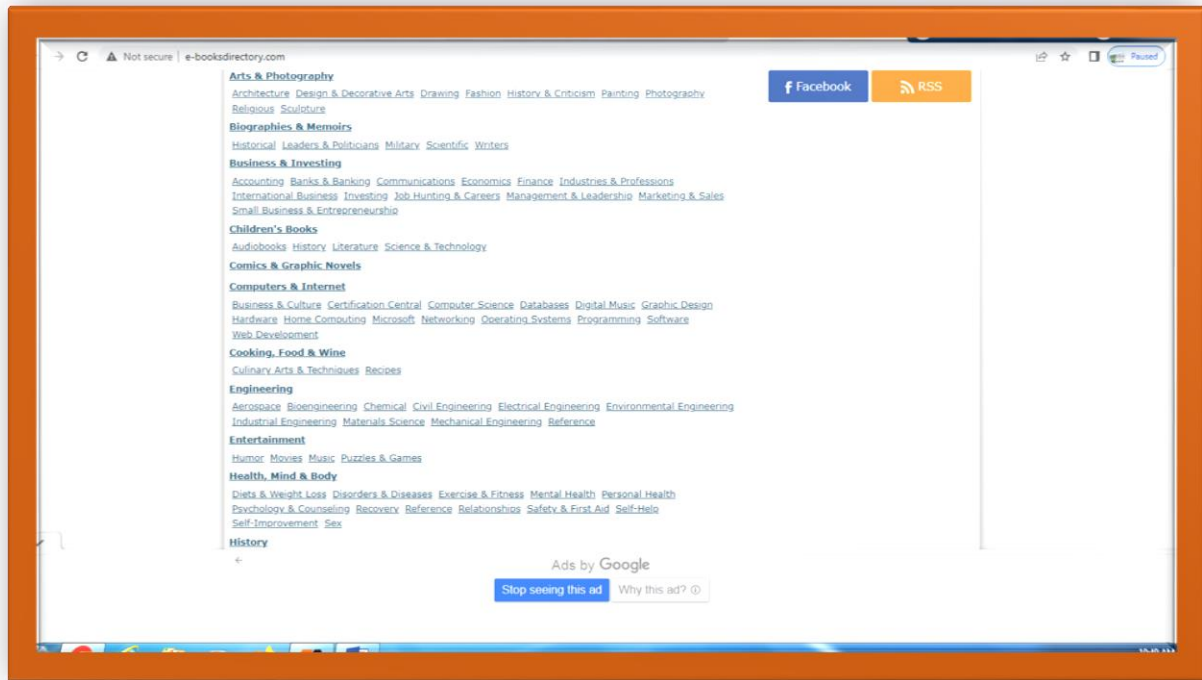




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DEPARTMENT WISE DETAILS

S. NO.	DEPARTMENT	NO. OF E-BOOKS
1	Computer Science and Engineering	355
2	Electronics and Communication Engineering	140
3	Electrical and Electronics Engineering	132
4	Mechanical Engineering	163
5	Science and Humanities	411



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.NO.	TITLE OF THE BOOK
1	Think Data Structures
2	Data Structures and Algorithms
3	Elementary Algorithms
4	Purely Functional Data Structures
5	Algorithms and Data Structures: With Applications to Graphics and Geometry
6	A Platform for Combinatorial and Geometric Computing
7	Computer Arithmetic of Geometrical Figures: Algorithms and Hardware Design
8	Introduction to Design Analysis of Algorithms
9	Open Data Structures: An Introduction
10	Problem Solving with Algorithms and Data Structures Using Python
11	Algorithms
12	Data Structures and Algorithm Analysis in Java
13	Data Structures and Algorithm Analysis in C++
14	Randomized Algorithms
15	Search Algorithms and Applications
16	Algorithms and Data Structures: The Basic Toolbox
17	Algorithms and Data Structures for External Memory
18	Vector Models for Data-Parallel Computing
19	The Design of Approximation Algorithms
20	A Practical Introduction to Data Structures and Algorithm Analysis
21	Essentials of Metaheuristics
22	Efficient Algorithms for Sorting and Synchronization
23	Lecture Notes on Bucket Algorithms
24	Modern Computer Arithmetic
25	Data Structures and Algorithms
26	Knapsack Problems: Algorithms and Computer Implementations
27	Average Case Analysis of Algorithms on Sequences)Algorithms and Data Structures
28	Algorithms for Clustering Data
29	Tabu Search
30	Greedy Algorithms
31	Data Structures and Algorithms: Annotated Reference with Examples
32	Algorithms for Modular Elliptic Curves
33	Algorithms



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34	Algorithms: Fundamental Techniques
35	Computational Geometry: Methods and Applications
36	Algorithmic Mathematics
37	Planning Algorithms
38	Problems on Algorithms, 2nd edition
39	Design and Analysis of Computer Algorithms
40	Design and Analysis of Algorithms
41	Combinatorial Algorithms
42	Algorithms and Complexity
43	Human and Machine Consciousness
44	Interacting with Presence
45	Human Computer Confluence
46	Bayesian Network
47	Building the Second Mind: 1956 and the Origins of Artificial Intelligence Computing
48	The Thousand Faces of Virtual Reality
49	Ethical Artificial Intelligence
50	Artificial Intelligence and Cognition
51	Computers and Thought: A practical Introduction to Artificial Intelligence
52	Design: Creation of Artifacts in Society
53	The World and Mind of Computation and Complexity
54	Virtual Reality: Human Computer Interaction
55	The Age of Intelligent Machines
56	Artificial Intelligence: Foundations of Computational Agents
57	Mathematical Linguistics
58	Fault Detection
59	Multiagent Systems: Algorithmic, Game-Theoretic, and Logical Foundations
60	Ambient Intelligence
61	Self-Organizing Maps
62	Autonomous Agents
63	Artificial Intelligence - Agents and Environments
64	Artificial Intelligence - Agent Behaviour
65	The Quest for Artificial Intelligence
66	Computational Intelligence and Modern Heuristics
67	Artificial Intelligence through Prolog
68	Swarm Intelligence: Focus on Ant and Particle Swarm Optimization
69	Encyclopedia of Computational Intelligence
70	The Boundaries of Humanity: Humans, Animals, Machines
71	Affective Computing
72	Artificial Intelligence and Responsive Optimization
73	Artificial Intelligence and Molecular Biology
74	Brief Introduction to Educational Implications of Artificial Intelligence



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75	Parallel Algorithms
76	BIG CPU, BIG DATA: Solving the World's Toughest Problems with Parallel Computing
77	Distributed Systems for Fun and Profit
78	Distributed Detection and Estimation in Wireless Sensor Networks
79	Programming on Parallel Machines
80	Petri Nets: Manufacturing and Computer Science
81	Parallel Complexity Theory
82	Is Parallel Programming Hard, And, If So, What Can You Do About It?
83	How to Write Parallel Programs: A First Course
84	Parallel Computing Works!
85	Parallel and Distributed Computation: Numerical Methods
86	A Framework for Enabling Distributed Applications on the Internet.
87	Vector Models for Data-Parallel Computing
88	Introduction to Parallel Computing
89	Parallel Computing: Architectures, Algorithms and Applications
90	Parallel Programming with Microsoft .NET
91	An introduction to one-way quantum computing in distributed architectures.
92	Introduction to Distributed Systems
93	The Practice of Parallel Programming
94	PVM: Parallel Virtual Machine.
95	Linux Parallel Processing HOWTO
96	Concurrent Programming in Erlanger
97	Designing and Building Parallel Programs
98	Database Design - 2nd Edition
99	Refining the Concept of Scientific Inference When Working with Big Data
100	Databases, Types, and The Relational Model: The Third Manifesto
101	Database Explorations
102	Elastic search: The Definitive Guide
103	Temporal Database Management
104	A Programmer's Guide to Data Mining
105	Elements of Relational Database Theory
106	Theory and Applications for Advanced Text Mining
107	Foundations of Databases
108	Internet Advertising
109	The Theory of Relational Databases
110	Data-Intensive Text Processing with MapReduce
111	Data Mining Algorithms In R
112	An Introduction to Data Mining
113	Mining of Massive Datasets
114	Database Fundamentals



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115	Multi-Relational Data Mining
116	Natural Language Interfaces to Databases: An Introduction
117	Readings in Database Systems
118	Database Systems and Structures
119	Data Mining Desktop Survival Guide
120	Introduction to Metadata)Database design with UML and SQL
121	The Relational Model for Database Management
122	An Introduction to Relational Database Theory
123	XML and Databases
124	Data Mining in Medical and Biological Research
125	Data Mining and Knowledge Discovery in Real Life Applications
126	Data Modeling Techniques for Data Warehousing
127	Forensic Analysis of Database Tampering
128	Concurrency Control and Recovery in Database Systems
129	Information and Coding
130	Error-Correction Coding and Decoding
131	Around Kolmogorov Complexity: Basic Notions and Results
132	Information, Entropy and Their Geometric Structures
133	Essential Coding Theory
134	Data Compression Explained
135	A primer on information theory, with applications to neuroscience
136	Data Compression
137	From Classical to Quantum Shannon Theory
138	Logic and Information
139	Conditional Rate Distortion Theory
140	Algorithmic Information Theory
141	The Limits of Mathematics
142	Quantum Information Theory
143	Theory of Quantum Information
144	Generalized Information Measures and Their Applications
145	Information Theory, Excess Entropy and Statistical Complexity
146	Information Theory and Statistical Physics
147	Quantum Information Theory
148	Lecture Notes on Network Information Theory
149	Information-Theoretic Incompleteness
150	A Short Course in Information Theory
151	Entropy and Information Theory
152	Information Theory and Coding
153	Network Coding Theory
154	A Mathematical Theory of Communication
155	Information Theory, Inference, and Learning Algorithms



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156	An Introduction to Ontology Engineering
157	Ontology in Information Science
158	Validating RDF Data
159	Data Science at the Command Line
160	Managing the Digital Library
161	Global Library and Information Science
162	Big Data on Real-World Applications
163	Information Systems Foundations: The Role of Design Science
164	Applications of ICT in Libraries
165	Thinking Networks: The Large and Small of it
166	Models and Theories in Human-Computer Interaction
167	Mastering the Information Age: Solving Problems With Visual Analytics
168	Bisociative Knowledge Discovery
169	Semantic Web And Ontology
170	Introduction to Archival Organization and Description
171	Introduction to Vocabularies: Enhancing Access to Cultural Heritage Information
172	Introduction to Imaging
173	Introduction to Controlled Vocabularies: Terminologies for Art, Architecture, and Other Cultural Works
174	Internet Informed: Guidance for the Dedicated Searcher
175	Best of Both Worlds: Museums, Libraries, and Archives in a Digital Age
176	A Guide to Documentary Editing
177	Introduction to Data Science
178	Bibliometrics as a Research Field
179	Knowledge Technologies
180	Linked Data: Evolving the Web into a Global Data Space
181	Usage Bibliometrics
182	Practical Semantic Web and Linked Data Applications
183	Document Image Analysis
184	Semantic Web
185	Human Computer Interaction: New Developments
186	Human Computer Interaction
187	Information Systems Foundations: Constructing and Criticizing
188	Strategies for Sustaining Digital Libraries
189	Discovering Information Systems
190	Information Systems
191	From Algorithms to Z-Scores: Probabilistic and Statistical Modeling in Computer Science
192	The Nature of Code: Simulating Natural Systems with Processing
193	Simulation with Any Logic
194	Mathematics of Human Motion: from Animation towards Simulation



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195	Modeling Simulation and Optimization: Focus on Applications
196	Synchronization and Linearity: An Algebra for Discrete Event Systems
197	Modeling, Simulation and Optimization: Tolerance and Optimal Control
198	Shape Interrogation for Computer Aided Design and Manufacturing
199	Fuzzy Systems
200	Dynamic Modelling
201	Understanding Computer Simulation
202	Simulated Annealing
203	Modelling and Simulation
204	Modeling with Data: Tools and Techniques for Scientific Computing
205	Physical Modeling in MATLAB
206	Simulating Humans: Computer Graphics Animation and Control
207	Computer Simulation Techniques - The Definitive Introduction
208	Program Analysis (an Appetizer)
209	Elements of Programming
210	The Design and Implementation of Probabilistic Programming Languages
211	Concrete Semantics: With Isabelle/HOL
212	Anatomy of Programming Languages
213	Programming and Programming Languages
214	Lecture Notes on Static Analysis
215	Topics in History and Comparing Programming Languages
216	Introduction to Programming Languages
217	Programming Languages: Theory and Practice
218	Semantics of Programming Languages
219	Linkers and Loaders
220	The Theory of Languages and Computation
221	Semantics: Advances in Theories and Mathematical Models
222	Exploring Programming Language Architecture in Perl
223	Formal Languages
224	Formal Language Theory for Natural Language Processing
225	Lectures on the Curry-Howard Isomorphism
226	The Z Notation: A Reference Manual
227	Lecture Notes on the Lambda Calculus
228	Compositional Semantics
229	Comparative Studies of Programming Languages
230	Let Over Lambda: 50 Years of Lisp
231	Proofs and Types
232	Dictionary of Programming Languages
233	Implementing Functional Languages: a tutorial
234	Formal Syntax and Semantics of Programming Languages
235	Computational Category Theory



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236	Categories, Types, and Structures
237	Understanding Programming Languages
238	Partial Evaluation and Automatic Program Generation
239	Type Systems for Programming Languages
240	Practical Foundations for Programming Languages
241	Semantics With Applications: A Formal Introduction
242	Reasoned Programming
243	Denotational Semantics: A Methodology for Language Development
244	A Practical Theory of Programming
245	Programming Languages: Application and Interpretation
246	Structure and Interpretation of Computer Programs
247	Security and Privacy in Wireless and Mobile Networks
248	Passwords: Guised Indispensable's or Liabilities?
249	Software Update as a Mechanism for Resilience and Security
250	The Security Development Lifecycle
251	Markets for Cybercrime Tools and Stolen Data: Hackers' Bazaar
252	Good Digital Hygiene: A guide to staying secure in cyberspace
253	Provable Security of Networks
254	Cryptography and Security in Computing
255	Security Enhanced Applications for Information Systems
256	Security and Privacy for Microsoft Office 2010 Users
257	Cyber Infrastructure Protection
258	Information Security in Education
259	Policing Cyber Crime
260	What If Crime Were Impossible?
261	Fundamentals of Media Security
262	The Protection of Information in Computer Systems
263	Safeguarding Your Technology
264	Security Concepts
265	A Guide to Claims-Based Identity and Access Control
266	The Antivirus Defense-in-Depth Guide
267	The Open-source PKI Book
268	Handbook of Information Security Management
269	Cryptography and Data Security
270	Rethinking Public Key Infrastructures and Digital Certificates
271	Security+ Essentials
272	IT Security Cookbook
273	Forensic Analysis of Database Tampering
274	The Developer Highway Code
275	Security Engineering: A Guide to Building Dependable Distributed Systems
276	Forensic Discovery



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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

277	An Introduction to Computer Security: The NIST Handbook
278	Scientific Programming and Computer Architecture
279	Introduction to Software Engineering
280	SOA eBook: Patterns, Mashups, Governance, Service Modeling, and More
281	Jumpstart to Software Quality Assurance
282	Software Fault Tolerance
283	Software Product Line: Advanced Topic
284	Handbook of Software Reliability Engineering
285	The Elements of Computing Systems
286	A Quick and Gentle Guide to Constraint Logic Programming via ECLiPSe
287	Software Architecture
288	Know ware: the third star after Hardware and Software
289	Acceptance Test Engineering Guide
290	SOA Source Book
291	The Grand Unified Theory of Software Engineering
292	Software Foundations
293	Specifying Systems
294	Introduction to Reverse Engineering Software
295	Advances in Human Computer Interaction
296	Practical Tips for Software-Intensive Student Projects.
297	Software Engineering with Reusable Components
298	Software Engineering
299	Recommended Approach to Software Development
300	Function Points Analysis Training Course
301	Case Studies in Systematic Software Development
302	Software Engineering for Internet Applications
303	Communicating Sequential Processes
304	The Guide to the Software Engineering Body of Knowledge
305	New-books in Theory of Computation category
306	Models of Computation: Exploring the Power of Computing
307	Introduction to Theory of Computation
308	Bayesian Computational Methods
309	Rule-based Computation and Deduction
310	Applicative Computing: Its quarks, atoms and molecules
311	Logic and Proof
312	Languages and Machines
313	Introduction to Computing: Explorations in Language, Logic, and Machines
314	Cellular Automata And Complexity: Collected Papers
315	Galois Connections and Fixed Point Calculus
316	An Introduction to the Theory of Computation
317	Problem Solving for Coding Interviews



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318	The Black Art of Programming
319	Windows Programming
320	So You Want to Learn to Program?
321	The Little Introduction To Programming
322	Zen Style Programming
323	The Practice of Parallel Programming
324	Watch What I Do: Programming by Demonstration
325	Computer Science: Abstraction to Implementation
326	Programming from Specifications
327	Learn to Program
328	Programming Pearls
329	Foundations of Computer Science
330	Inductive Logic Programming: Theory and Methods
331	The Craft of Programming
332	Concepts, Techniques, and Models of Computer Programming
333	Numerical Algorithms: Methods for Computer Vision, Machine Learning, and Graphics
334	Curves and Surfaces in Geometric Modeling: Theory and Algorithms
335	Fractals
336	Probabilistic Programming and Bayesian Methods for Hackers
337	Mathematics in the Age of the Turing Machine
338	The Life of Pi: From Archimedes to Eniac and Beyond
339	Pictures of Julia and Mandelbrot Sets
340	Think Stats: Probability and Statistics for Programmers
341	Isabelle/HOL: A Proof Assistant for Higher-Order Logic
342	Computer Algebra, Algorithms, Systems and Applications
343	Algorithms in Real Algebraic Geometry
344	Implementing Mathematics with The Nuprl Proof Development System
345	Algorithmic Algebra
346	An Architecture for Combinator Graph Reduction
347	Strange Attractors: Creating Patterns in Chaos
348	Art Gallery Theorems and Algorithms
349	Axiom: The Scientific Computation System
350	Mathematics for Computer Scientists
351	Mathematical Illustrations: A Manual of Geometry and PostScript
352	Mathematics for Algorithm and Systems Analysis
353	Vector Math for 3D Computer Graphics
354	Algorithmic Mathematics
355	A Computational Introduction to Number Theory and Algebra



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.NO.	TITLE OF THE BOOK
1	R-F Amplifiers
2	Guided-Wave Optics
3	FM: An Introduction to Frequency Modulation
4	Frequency Modulation
5	Electronics: Communications
6	Clock and Data Recovery
7	Basic Queueing Theory
8	Introduction to Queueing Theory and Stochastic Teletraffic Models
9	Antennas: Theory and Practice
10	Ultra-Wideband Radio Technologies for Communications, Localization and Sensor Applications
11	Advancement in Microstrip Antennas with Recent Applications
12	Optical Communication
13	Communication Networks
14	Advances in Cognitive Radio Systems
15	Principles of Digital Communications
16	A Foundation in Digital Communication
17	Telecommunications Networks: Current Status and Future Trends
18	Global Navigation Satellite Systems: Signal, Theory and Applications
19	Communication Systems
20	Communication Systems
21	Ultra-Wideband Communications: Novel Trends - System, Architecture and Implementation
22	Advances in Satellite Communications
23	Digital Encoding and Decoding
24	Cellular Networks: Positioning, Performance Analysis, Reliability
25	Principles of Communication
26	Microwave and Millimeter Wave Technologies
27	Trends in Telecommunications Technologies
28	Radio Communications
29	Passive Microwave Components and Antennas
30	Frontiers in Guided Wave Optics and Optoelectronics
31	Integrated Communications Management of Broadband Networks
32	Wireless Communications: Signal Processing Perspectives
33	Fiber Optic Data Communications for the Premises Environment.
34	Understanding Optical Communications



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35	Principles of Digital Communication and Coding
36	Broadband Direct-Coupled and Matching RF Networks
37	Radio Receivers
38	Handbook of Optical Through the Air Communications
39	Electromagnetic Waves and Antennas
40	Fundamentals of Wireless Communication
41	Wireless Networking in the Developing World
42	Understanding OSI
43	Radio Antenna Engineering
44	Communication Network Analysis
45	A Mathematical Theory of Communication
46	Bayesian Methods in the Search for MH370
47	Signal Computing: Digital Signals in the Software Domain
48	Bayesian Inference
49	Fourier Transforms: High-tech Application and Current Trends
50	Audio Signal Processing
51	Think DSP: Digital Signal Processing in Python
52	Fourier Transform: Signal Processing and Physical Sciences
53	Statistical Spectral Analysis: A Non-Probabilistic Theory
54	Digital Filters and Signal Processing
55	Signal Processing for Communications
56	Fourier Transform - Signal Processing
57	Notes on the Design of Optimal FIR Filters
58	Concise Signal Models
59	Digital Filters
60	The Fundamentals of Signal Analysis
61	Signal Processing
62	Introduction To Random Processes
63	Elements of Signal Detection and Estimation
64	Optimum Signal Processing
65	Introduction to Signal Processing
66	R. R. Bahadur's Lectures on the Theory of Estimation
67	Kalman Filter
68	The Fourier Transform and its Applications
69	Physical Audio Signal Processing
70	Wireless Communications: Signal Processing Perspectives
71	Hidden Markov Models: Estimation and Control
72	Optimal Filtering
73	An Exploration of Random Processes for Engineers
74	Structure and Interpretation of Signals and Systems
75	Nonlinear Parameter Estimation: An Integrated System in Basic



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76	Fast Fourier Transforms
77	Kalman Filter Recent Advances and Applications
78	Detection of Abrupt Changes: Theory and Application
79	Bayesian Spectrum Analysis and Parameter Estimation
80	(DSP: Designing for Optimal Results
81	Advances in Sonar Technology.
82	Digital Signal Processing and Analysis
83	Principles of Computerized Tomographic Imaging
84	The Theory of Linear Prediction.
85	Mixed-signal and DSP Design Techniques
86	Mathematics of the Discrete Fourier Transform (DFT): with Audio Applications
87	Introduction to Digital Filters: with Audio Applications
88	The Scientist and Engineer's Guide to Digital Signal Processing
89	Modern Signal Processing
90	An Introduction to Statistical Signal Processing
91	Electro mechanisms: Servomechanisms
92	Geometry and Screw Theory for Robotics
93	Robot Localization and Map Building
94	Remote and Tele robotics
95	Robot Manipulators: Trends and Development
96	Mobile Robots Navigation
97	Cutting Edge Robotics 2010
98	Service Robot Applications
99	Recent Advances in Multi Robot Systems
100	New Approaches in Automation and Robotics
101	Mobile Robots: Towards New Applications
102	Industrial Robotics: Programming, Simulation and Applications
103	Humanoid Robots: New Developments
104	Frontiers in Robotics, Automation and Control
105	Bioinspiration and Robotics: Walking and Climbing Robots
106	Automation and Robotics
107	Advances in Service Robotics
108	Advances in Robotics, Automation and Control
109	Mobile Robotics
110	Interface Circuits for Microsensor Integrated Systems
111	Photovoltaic Materials and Electronic Devices
112	White organic light-emitting diodes: Status and perspective
113	Optical Properties of Semiconductors
114	Carbon Nanotubes: Applications on Electron Devices
115	Photodiodes: World Activities in 2011
116	Optoelectronic Devices and Properties



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117	Cutting Edge Nanotechnology
118	Polymer Thin Films
119	Advanced Microwave Circuits and Systems
120	Semiconductor Technologies
121	Nanowires Science and Technology
122	VLSI
123	Micro Electronic and Mechanical Systems
124	Solid State Circuits Technologies
125	Britney Spears' Guide to Semiconductor Physics
126	Microelectronic Devices and Circuits
127	Application-Specific Integrated Circuits
128	(Computer Aids for VLSI Design
129	Designing Analog Chips
130	Magnetism and Electromagnetism
131	Advanced Magnetism and Electromagnetism
132	Electromagnetics
133	Introduction to Electromagnetic Engineering
134	Electromagnetic Waves Propagation in Complex Matter
135	Behavior of Electromagnetic Waves in Different Media and Structures
136	Electromagnetic Waves
137	Computational Electromagnetism: Variational Formulations, Complementarity, Edge Elements
138	Worked Examples In Electromagnetism
139	Finite-element Methods for Electromagnetics
140	Electromagnetism for Electronic Engineers

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.NO.	TITLE OF THE BOOK
1	An Introduction to Intelligent and Autonomous Control
2	Electro mechanisms: Automatic Controls
3	Principles of Control Systems Engineering
4	Control Engineering Problems with Solutions
5	Control Theory with Applications to Naval Hydrodynamics
6	Stochastic Modeling and Control
7	Frontiers in Advanced Control Systems
8	Lectures on Stochastic Control and Nonlinear Filtering
9	An Introduction to Nonlinearity in Control Systems
10	Applications of Nonlinear Control
11	Discrete-Event Control of Stochastic Networks: Multi modularity and Regularity
12	Advanced Model Predictive Control
13	Control and Nonlinearity



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14	Discrete Time Systems
15	PID Control: Implementation and Tuning
16	Chaotic Systems
17	Control Theory: From Classical to Quantum Optimal, Stochastic, and Robust Control
18	Distributed Control of Robotic Networks
19	Linear Matrix Inequalities in System and Control Theory
20	Nonlinear System Theory: The Volterra/Wiener Approach
21	Linear Controller Design: Limits of Performance
22	High Performance Control
23	Systems Structure and Control
24	Control Engineering: An introduction with the use of Matlab
25	The Analysis of Feedback Systems
26	A Course in H-infinity Control Theory
27	Feedback Control Theory
28	Constructive Nonlinear Control
29	Fuzzy Control.
30	Intelligent Control
31	Adaptive Control
32	Mathematical Control Theory: Deterministic Finite Dimensional Systems
33	Adaptive Control: Stability, Convergence, and Robustness
34	Feedback Systems: An Introduction for Scientists and Engineers
35	Control in an Information Rich World
36	Control Systems
37	Dynamic System Modeling and Control
38	Semiconductors and Transistors
39	A-C Circuit Analysis
40	Advanced Memristor Modeling
41	A Designer's Guide to Innovative Linear Circuits
42	Operational Amplifiers and Linear Integrated Circuits
43	Semiconductor Devices: Theory and Application
44	Radio Hobbyist's Design book
45	Two-Dimensional Electronics: Prospects and Challenges
46	Verilog Tutorial
47	Organic Semiconductors
48	Electronics / Electricity
49	Electronics / Amplifiers
50	Electronics / Digital
51	Digital Circuit Projects: An Overview of Digital Circuits Through Implementing Integrated Circuits
52	Introduction to Digital Logic with Laboratory Exercises
53	Engineer's Mini-Notebook: Formulas, Tables and Basic Circuits



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54	Practical Electronics
55	Analog Circuits
56	Photodiodes: From Fundamentals to Applications
57	Electronics
58	Digital Circuits
59	Microwave Filters, Impedance-Matching Networks, and Coupling Structures
60	Introduction to Electronics
61	Introduction to Physical Electronics
62	Advances in Solid State Circuit Technologies
63	Introduction to Electronic Engineering
64	Circuit Analysis
65	Circuit Design Using Personal Computers
66	Op Amp Applications Handbook
67	Concepts in Electric Circuits
68	Electric Circuits: Theory and Applications
69	Introduction to PLC controllers
70	All About Circuits
71	Op Amps for Everyone
72	High-Speed Serial I/O Made Simple
73	Understanding Electronics Components
74	Data Conversion Handbook
75	Principles of Semiconductor Devices
76	Socratic Electronics
77	Lessons In Electric Circuits
78	OrCAD PSpice A/D Reference Guide
79	Photon-Counting Image Sensors
80	Imaging: Sensors and Technologies
81	Magnetic Resonance Sensors
82	Overview of Safety Instrumented Systems
83	Modern Telemetry
84	Microsensors
85	Advances in Measurement Systems
86	Intelligent and Biosensors
87	Advances in Sonar Technology
88	New Trends in High Voltage Engineering
89	Power System Harmonics
90	Small-signal stability, control and dynamic performance of power systems
91	Electrical Power and Energy Systems for Transportation Applications
92	Power Factor Correction (PFC) Handbook
93	Electrical Power
94	Electric Drive Systems and Operation



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95	Power Quality Harmonics Analysis and Real Measurements Data
96	Electrical Generation and Distribution Systems and Power Quality Disturbances
97	Notes for an Introductory Course on Electrical Machines and Drives
98	Transformer Practice: Manufacture, Assembling, Connections, Operation and Testing
99	Sun Power: The Global Solution for the Coming Energy Crisis
100	Power Quality
101	Wind Turbines
102	Electric Machines and Drives
103	Introduction to Power Electronics
104	Wind Energy Systems
105	Power Electronics: Devices, Drivers, Applications, and Passive Components
106	Introduction to Electromagnetic Theory and the Physics of Conducting Solids
107	Lectures on Electromagnetism
108	Spacetime algebra as a powerful tool for electromagnetism
109	Observers and Splitting Structures in Relativistic Electrodynamics
110	Variational Principle of Extremum in Electromechanical and Electrodynamical Systems
111	Classical Electrodynamics
112	Essential Electrodynamics
113	Essential Electromagnetism
114	Funky Electromagnetic Concepts
115	The Slacker's Guide to Physics: Electricity and Magnetism
116	Electromagnetic Fields and Energy
117	Electromagnetic field theory for physicists and engineers: Fundamentals and Applications
118	More Physics: electric charges and fields - electromagnetism
119	Theory of Electromagnetic Fields
120	Introduction to Extended Electrodynamics
121	Macroscopic Electrodynamics
122	Electrodynamics
123	Electromagnetic Theory and Computation: A Topological Approach
124	Classical Electrodynamics
125	Classical Electromagnetism: A Graduate Course
126	A Course in Graduate Electrodynamics
127	Electricity and Magnetism
128	Solutions to problems of Jackson's Classical Electrodynamics
129	Classical Electrodynamics and Theory of Relativity
130	Electromagnetic Field Theory
131	Electromagnetism and Optics: An introductory course
132	Electricity and Magnetism



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DEPARTMENT OF MECHANICAL ENGINEERING

S.NO.	TITLE OF THE BOOK
1	Machine Shop Work
2	Fundamentals of Machine Tools
3	Machinery Repairman
4	Mechanisms / Machines
5	Mechanisms / Drives
6	Continuum Mechanics: Progress in Fundamentals and Engineering Applications
7	Mechanics of Engineering
8	Applied Mechanics
9	Applied Mechanics and Strength of Materials
10	A Short Course in Elementary Mechanics for Engineers
11	Elementary Dynamics: a textbook for engineers
12	Mechanics: A Textbook for Engineers
13	Analytical Mechanics for Engineers.
14	Mechanics for Engineers
15	Applied Mechanics for Engineers
16	Mechanics Applied to Engineering
17	Applied Gyro dynamics
18	Applied Mechanics
19	Mechanics: Problems for Engineering Students
20	Applied Mechanics for Beginners
21	Kinematics and Kinetics of Machinery
22	Introduction to Statics and Dynamics
23	Roller Coaster Physics
24	Dynamics of Mechanical Systems
25	Mechanics of Rigid Body
26	MIT Guide to Lock Picking
27	Applied Mechanics Dynamics
28	Introduction to Continuum Mechanics for Engineers
29	Engineering Fluid Dynamics
30	Lagrangian Solid Modeling
31	Unified Physics: Fluids
32	Lectures on Computational Fluid Dynamics
33	Lecture Notes on Gas Dynamics
34	Advances in Modeling of Fluid Dynamics
35	Engineering Fluid Mechanics
36	Hydrostatics and Pneumatics
37	Advanced Fluid Dynamics



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38	A First Course in Fluid Mechanics for Engineers
39	Applied Aerodynamics
40	Applied Computational Fluid Dynamics
41	Hydrodynamics: Natural Water Bodies
42	Drilling Fluid Engineering
43	Computational Fluid Dynamics: Technologies and Applications
44	Wind Tunnels
45	Intermediate Fluid Mechanics
46	Hydraulics for Engineers and Engineering Students
47	Computational Fluid Dynamics
48	Computational Fluid Dynamics
49	Concise Hydraulics
50	Fundamentals of Multiphase Flow
51	Fundamentals of Compressible Fluid Mechanics
52	Cavitation and Bubble Dynamics
53	Hydrodynamics of Pumps)
54	Engineering Mathematics in Ship Design
55	Marine Hydrodynamics
56	Marine Propulsion Simulation: Methods and Results)
57	Tsunami Science and Engineering
58	Actual Ships Stability Problems and The Influence on Safety of Navigation
59	Boat-Building and Boating
60	Nautical Charts
61	Lectures on Ship Manoeuvrability
62	Wooden Ship-Building
63	Offshore Hydromechanics
64	Introduction in Ship Hydromechanics
65	Text-Book of Theoretical Naval Architecture
66	Shipbuilding from its beginnings
67	Modeling of Sonar Transducers and Arrays
68	Shipbuilding for Beginners
69	Electro mechanisms: Fabrication
70	Opt mechatronics
71	Electro mechanisms: Transducers
72	Electro mechanisms: Devices
73	Electro mechanisms: Motor Controls
74	Mechanisms / Linkages
75	Computer Architecture and Interfacing to Mechatronic Systems
76	Robotics
77	Robot Arms
78	Automation and Robotics



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79	Mechatronic Systems: Simulation Modeling and Control
80	Mechatronic Systems Applications
81	Climbing and Walking Robots
82	Advances in Robot Manipulators
83	Robot Manipulators: New Achievements
84	Advances in Haptics
85	Industrial Robotics: Theory, Modelling and Control
86	Climbing and Walking Robots: Towards New Applications
87	Robot Manipulators
88	Parallel Manipulators, Towards New Applications
89	Parallel Manipulators, New Developments
90	Humanoid Robots: Human-like Machines
91	Cutting Edge Robotics
92	Mechanisms: Materials
93	Introduction to Continuum Mechanics
94	Continuum Mechanics
95	Mechanical Properties of Materials
96	Engineering Mechanics of Solids
97	Applied Strength of Materials for Engineering Technology
98	Solid Mechanics Lecture Notes
99	Mechanical Metallurgy
100	Applied Mechanics of Solids
101	Mechanics of Solids and Fracture
102	Introduction to Mechanics of Materials
103	Applied Fracture Mechanics
104	Solid Mechanics
105	Theory of Waves in Materials
106	Applied Mechanics and Strength of Materials
107	Elementary Applied Mechanics
108	Applied Mechanics
109	Mechanics of Materials
110	The Analysis of Stress and Deformation
111	Introduction to Engineering Thermodynamics
112	Selected Problems of Contemporary Thermomechanics
113	Heat Exchangers: Design, Experiment and Simulation
114	Fundamentals of Refrigeration Thermodynamics
115	Thermal kinetics
116	Software Solutions to Problems on Heat Transfer
117	Engineering Thermodynamics
118	Elements of Engineering Thermodynamics
119	Thermal Power Plants: Advanced Applications



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120	Refrigeration: Theory And Applications
121	The Development and Application of Microwave Heating
122	Heat Transfer Phenomena and Applications
123	Heat Treatment: Conventional and Novel Applications
124	Heat Transfer
125	Heat Exchangers: Basics Design Applications
126	Heat Transfer: Engineering Applications
127	Heat Conduction: Basic Research
128	Convection and Conduction Heat Transfer
129	Lecture Notes on Intermediate Thermodynamics
130	Lecture Notes on Thermodynamics
131	Energy Conversion
132	Heat for Engineers
133	Applied Thermodynamics for Engineers
134	Heat Transfer: Exercises
135	Heat Transfer
136	A Heat Transfer Textbook
137	Continuum Mechanics
138	Applications of the Calculus to Mechanics
139	Classical Mechanics
140	Continuum Mechanics: Progress in Fundamentals and Engineering Applications
141	Lecture Notes and Exercises on Statics
142	Advanced Mechanics
143	A Short Introduction to Theoretical Mechanics
144	Theoretical Kinematics.
145	Elementary Applied Mechanics
146	Introduction to Mechanics and Symmetry
147	Mechanics and Hydrostatics for Beginners
148	Elementary Mechanics from a Mathematician's Viewpoint
149	Modern Introductory Mechanics
150	Notes on Analytical Mechanics
151	Classical Mechanics
152	Mechanics and Special Relativity
153	Lecture Notes on Classical Mechanics
154	Theoretical Mechanics
155	Classical Mechanics
156	Introduction to Statics and Dynamics
157	Lectures on Classical Mechanics
158	Roller Coaster Physics
159	Mechanics of Rigid Body
160	Foundations of Mechanics, Second Edition



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161	Amateur Physics for the Amateur Pool Player
162	Structure and Interpretation of Classical Mechanics
163	Introduction to Continuum Mechanics for Engineers

DEPARTMENT OF SCIENCE AND HUMANITIES

S.NO.	TITLE OF THE BOOK
1	Longman Dictionary of Contemporary English
2	English Language Learning and Technology
3	5,000 Most-Used Shorthand Forms
4	Practice Handbook in English
5	Communication Beginnings: An Introductory Listening and Speaking Text for English Language Learners
6	Constructivist Blended Learning Approach: to Teaching English for Specific Purposes
7	Good English Guide
8	Dictionary of the British English Spelling System
9	A Desk-Book of Errors in English
10	An Advanced English Grammar with Exercises
11	I Still Can't Speak English
12	English Grammar For Economics And Business
13	English Communication for Scientists
14	Business English: A Practice Book
15	Fifteen Thousand Useful Phrases
16	English in Use
17	The Concise Oxford Dictionary of Current English
18	Mastering American English
19	Synonyms and Antonyms
20	An Introductory Course in Theoretical English Grammar
21	Word Study and English Grammar
22	The Many Roads to Japan
23	Internet Basics for ESL Students
24	Hopf Algebras, Quantum Groups and Yang-Baxter Equations
25	On Lie Algebras Of Prime Characteristic
26	The Construction and Study of Certain Important Algebras
27	The Algebra of Invariants
28	An introduction to Noncommutative Projective Geometry
29	Hopf Algebras in General and in Combinatorial Physics: a practical introduction
30	An Introduction to the Algebra of Quantics
31	Set Theoretic Approach to Algebraic Structures in Mathematics
32	Algebraic Invariants
33	An introduction to Algebra and Topology



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34	Lectures On Unique Factorization Domains
35	Noncommutative Rings
36	Lectures on Quadratic Forms
37	Graduate Algebra
38	Algebraic Logic
39	Infinite-dimensional Lie Algebras
40	A Treatise on the Theory of Invariants
41	Smarandache Near-rings
42	Smarandache Rings
43	Smarandache Loops
44	Smarandache Semirings, Semifields and Semivector Spaces
45	Clifford Algebra, Geometric Algebra, and Applications
46	Universal Algebra for Computer Science
47	New Directions in Hopf Algebras
48	An Introduction to Nonassociative Algebras
49	Commutator Theory for Congruence Modular Varieties
50	The Octonions
51	Abstract Algebra: The Basic Graduate Year
52	An Invitation to General Algebra and Universal Constructions
53	Workbook in Higher Algebra
54	A Course in Universal Algebra
55	Lie Algebras
56	Measure Theory in Non-Smooth Spaces
57	Applied Analysis
58	An Introduction to Asymptotic Analysis
59	Introduction to Analysis
60	Introduction to Analysis
61	Linear Mathematics In Infinite Dimensions
62	Lecture Notes on the Theory of Distributions
63	Bernoulli Polynomials and Applications
64	A Course in Mathematical Analysis
65	Set Theory and Topology: An Introduction to the Foundations of Analysis
66	Multivector Differential Calculus
67	Elementary Mathematical Analysis
68	Orbital Integrals on Reductive Lie Groups and Their Algebras
69	Calculus and Differential Equations
70	Lectures on Disintegration of Measures
71	Lectures on Topics in Analysis
72	Special Functions and Their Symmetries: Postgraduate Course in Applied Analysis
73	Nonstandard Analysis
74	Reader-friendly Introduction to the Measure Theory



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75	Transmutations and Applications: a survey
76	Semi-classical analysis
77	Discrete Oscillation Theory
78	Problems in Mathematical Analysis
79	Short introduction to Nonstandard Analysis
80	Theory of the Integral
81	Real Numbers and Fascinating Fractions
82	Advanced Calculus and Analysis
83	Mathematical Methods for Economic Theory: a tutorial
84	Jacobi Operators and Complete Integrable Nonlinear Lattices
85	Introduction to Methods of Applied Mathematics
86	A Course of Modern Analysis
87	Topics in Applied Mathematics and Nonlinear Waves
88	Fractional Calculus: Theory and Applications
89	Uncertainty Theory
90	The Craft of Fractional Modelling in Science and Engineering
91	Theory and Applications of Ordered Fuzzy Numbers
92	Symmetry Measures on Complex Networks
93	Wave Propagation Analysis with Boundary Element Method
94	Opera Magistris
95	Fractional Dynamics
96	Engineering Mathematics
97	Inverse Problems and Applications: Inside Out II
98	Computational Modeling and Mathematics Applied to the Physical Sciences
99	Mathematics and Music
100	Business Mathematics: A Textbook
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102	Interacting Particle Systems
103	On 2D Inverse Problems
104	Intermediate Maths for Chemists
105	Introductory Maths for Chemists
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107	Lectures On Approximation By Polynomials
108	A Short Course on Approximation Theory
109	Techniques of Applied Mathematics
110	Math Alive
111	Mathematical Linguistics
112	Mathematical Methods
113	Mathematical Biology
114	A Basic Course in Applied Mathematics
115	Handbook of Mathematics for Engineers



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117	A Mathematics Primer for Physics Graduate Students
118	Principles of Data Analysis
119	Special Fuzzy Matrices for Social Scientists
120	Elementary Fuzzy Matrix Theory and Fuzzy Models for Social Scientists
121	Mathematics and Biology: The Interface, Challenges, and Opportunities
122	Conformal Fractals: Ergodic Theory Methods
123	Mathematics and Physics of Emerging Biomedical Imaging
124	Inside Out: Inverse Problems and Applications
125	Chebyshev and Fourier Spectral Methods
126	Voting, Arbitration & Fair Division: Mathematics of Social Choice
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128	Mathematical Methods of Engineering Analysis
129	The Basics of Financial Mathematics
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131	Derivations of Applied Mathematics
132	Music: A Mathematical Offering
133	Street-Fighting Mathematics
134	Cook-Book Of Mathematics
135	Mathematical Tools for Physics
136	Discrete Mathematics: An Open Introduction
137	Advances in Discrete Differential Geometry
138	Lists, Decisions, and Graphs
139	A Spiral Workbook for Discrete Mathematics
140	Discrete Math for Computer Science Students
141	Applied Discrete Structures
142	Exploring Discrete Mathematics Using Maple
143	Discrete Mathematics for Computer Science
144	Discrete Structures
145	Discrete Mathematics with Algorithms
146	Topics in Discrete Mathematics
147	Discrete Mathematics
148	Applied Finite Mathematics
149	Temporal Networks
150	Mathematics for Computer Science
151	Lecture Notes in Discrete Mathematics
152	Discrete Differential Geometry: An Applied Introduction)Introduction To Finite Mathematics
153	Languages and Machines
154	Discrete Mathematics
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164	An Introduction to Geometry
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166	Tilings and Patterns
167	Topics in Geometry
168	Geometry, Topology and Physics
169	Geometry and Group Theory
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172	Categorical Geometry
173	Flavors of Geometry
174	Convex Geometric Analysis
175	The Radon Transform
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178	Fractal Geometry
179	Projective Geometry
180	Geometric Theorems and Arithmetic Functions
181	The Essence of Mathematics Through Elementary Problems
182	Practical Mathematics for Home Study
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184	Fundamentals of Practical Mathematics
185	First Book in Arithmetic
186	Basic Arithmetic Student Workbook
187	A Course of Elementary Mathematics
188	Precalculus
189	Mathematics, Basic Math and Algebra
190	Elementary Practical Mathematics
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193	Everything Maths: Grade 11 Mathematics
194	Everything Maths: Grade 10 Mathematics
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196	First Book in General Mathematics



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199	Practical Mathematics for Beginners
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207	The Hermitian Two Matrix Model with an Even Quartic Potential
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210	Applied Linear Algebra in Action
211	Applied and Computational Linear Algebra: A First Course
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213	Notes on Linear Algebra
214	Linear Algebra: Theorems and Applications
215	Numerical Methods for Large Eigenvalue Problems
216	Linear Algebra
217	Notes on Numerical Linear Algebra
218	Introduction to Linear Bialgebra
219	n-Linear Algebra of Type II
220	n-Linear Algebra of Type I and Its Applications
221	Special Set Linear Algebra and Special Set Fuzzy Linear Algebra
222	Set Linear Algebra and Set Fuzzy Linear Algebra
223	Linear Algebra, Infinite Dimensions, and Maple
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243	Probability and Statistics Cookbook
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245	Probability and Statistics
246	A Minimum of Stochastics for Scientists
247	Probability, Statistics and Stochastic Processes
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249	Introduction to Probability Theory and Statistics for Linguistics
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251	Topics in Random Matrix Theory
252	Think Stats: Probability and Statistics for Programmers
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254	Lectures on Probability, Statistics and Econometrics
255	A defense of Columbo: A multilevel introduction to probabilistic reasoning
256	Principles of Data Analysis
257	Introduction to Randomness and Statistics
258	An Introduction to Stochastic PDEs
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260	Markov Chains and Mixing Times
261	Random Matrix Models and Their Applications
262	Stochastic Integration and Stochastic Differential Equations
263	Lectures on Stochastic Analysis
264	Bayesian Spectrum Analysis and Parameter Estimation
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266	Correlation and Causality
267	Applied Nonparametric Regression
268	Inverse Problem Theory and Methods for Model Parameter Estimation
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270	Markov Chains and Stochastic Stability
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272	Convergence of Stochastic Processes
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375	Chemical Ecology: The Chemistry of Biotic Interaction
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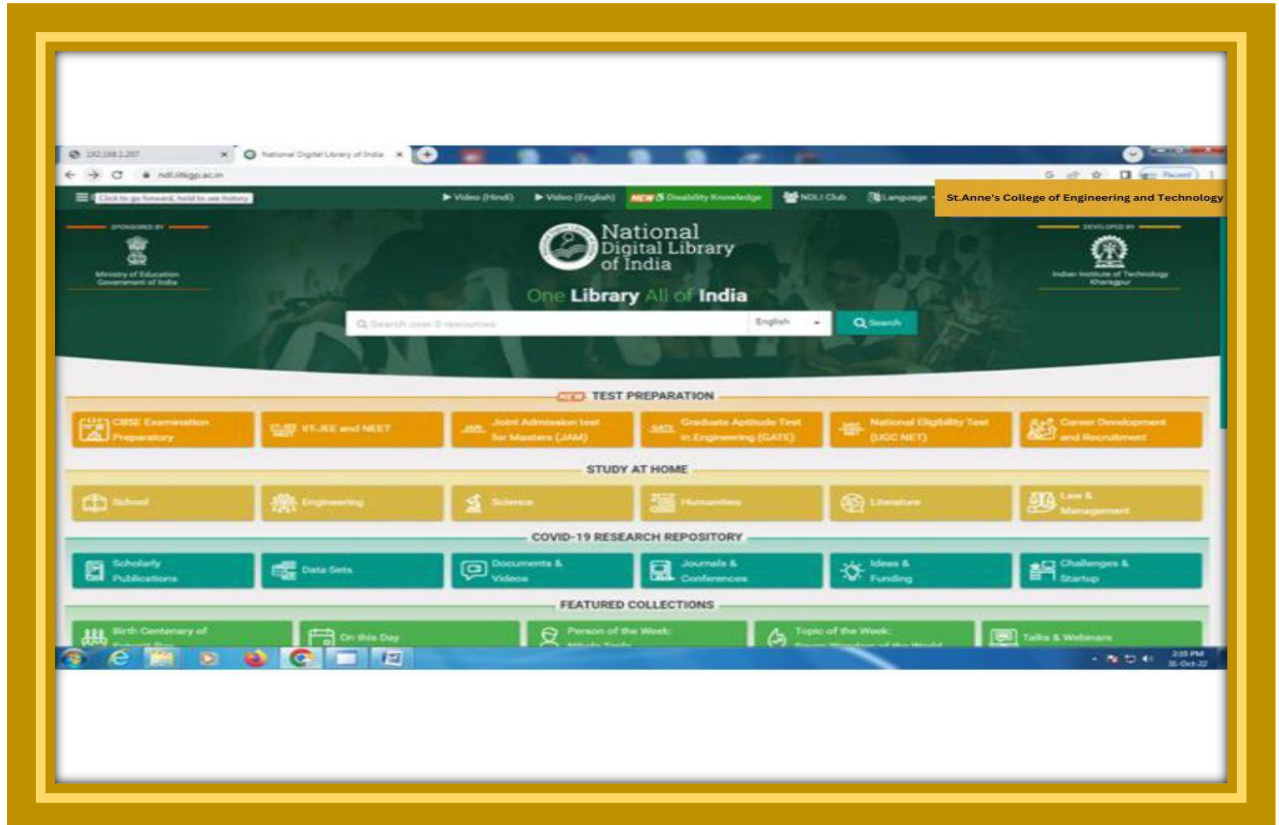
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NDLI HOME PAGE





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The screenshot displays the National Digital Library of India (NDLI) website. The browser address bar shows the URL ndlitkgp.ac.in/homestudy/engineering. The page title is "Engineering". Below the title, a description states: "This contains lecture videos and notes of NPTEL/SWAYAM courses, presentations used by faculties in classes, online class lectures, questions/solutions of common subjects for students of all engineering discipline." A list of engineering disciplines is provided, each with a right-pointing arrow icon:

- ▶ Common Subjects
- ▶ Aerospace Engineering
- ▶ Architecture
- ▶ Chemical Engineering
- ▶ Civil Engineering
- ▶ Computer Science & Engineering
- ▶ Electrical Engineering
- ▶ Electronics & Communication Engineering
- ▶ Mechanical Engineering
- ▶ Mining Engineering
- ▶ Ocean Engineering
- ▶ Textile Engineering

The footer of the page includes links for "About", "FAQ", "Disclaimer", "Help", "App", "App", "Feedback", "Sponsor", and "Contact". The system tray at the bottom shows the date and time as 2:10 PM on 31-Oct-22.



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DSPACE

DSpace is an open source repository software package typically used for creating open access repositories for scholarly and/or published digital content. While DSpace shares some feature overlap with content management systems and document management systems, the DSpace repository software serves a specific need as a digital archives system, focused on the long-term storage, access and preservation of digital content. Digital Library hosts Open Access digital repositories using D Space, allowing member institutions to provide reliable online access to their scholarly and instructional output. With a digital repository hosted by the TDL, institutions can collect, store, preserve, and disseminate digital content – including documents, audio files, images, and datasets – all within a secure, professionally managed environment. D Space is a widely-used open-source repository software that can manage and preserve all types of digital content and facilitates indexing of that content by commercial search engines, such as Google.



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DSACE HOME PAGE

Welcome to DSpace and Joomla LiveDVD Installation

P. Ramesh
Senior Technical Officer, Dept. of Library and Information Science, Osmania University, Hyderabad, India

Dr. A. S. Chakravarthy
Assistant Librarian, University Main Library, Osmania University, Hyderabad, India

This release of DSpace and Joomla LiveDVD is configured using Ubuntu 14.04.3 (LTS)-64bit, DSpace 5.2 and Joomla 3.4.5

To Start DSpace first start Tomcat:

Press Ctrl+Alt+T to open Terminal and execute the following commands to start tomcat

```
sudo /opt/tomcat/bin/startup.sh
```

After starting the tomcat Click on the below link to open localhost:

<http://localhost:8080>

DSpace Links

[DSpace jspui Interface \(http://localhost:8080/jspui\)](http://localhost:8080/jspui)
[DSpace xmlui Interface \(http://localhost:8080/xmlui\)](http://localhost:8080/xmlui)

DSpace Admin login: library@localhost ; Password: library

DSpace OAI: <http://localhost:8080/oai>

Before accessing the OAI do the following: Open the terminal and type the following commands:

```
sudo /dspace/bin/dspace oai import -c
```

DSpace SOLR: <http://localhost:8080/solr>

To stop Tomcat after completing the work type the following commands in the terminal

```
sudo /opt/tomcat/bin/shutdown.sh
```

DSpace Repository

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DSpace Repository

DSpace is a digital service that collects, preserves, and distributes digital material. Repositories are important tools for preserving an organization's legacy; they facilitate digital preservation and scholarly communication.

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Recently Added

[Surface roughness model and parametric optimization in end milling using carbide tools: Response surface methodology and Taguchi approach](#)
Dr.Arokiass R, Dr.Ommugadhasan D, Saravanan K (International Journal for Research in Applied Science & Engineering Technology, 2015-05)
The surface roughness prediction model for the end milling of LM25 Al/SiCp metal matrix composite was investigated in this study. This paper highlights the features of the development of a comprehensive mathematical model ...

[Surface Analysis And Mechanical Behaviour of Polysiloxane Coating on Alloy Steel Substrate](#)
Sivamankandan M, Saravanan K (International Journal for Science and Research in Technology, 2020-12)
This project deals about developing anti-scratch coating for automotive body. Automobiles undergo severe scratches on body and to some extent on the wind shields. An experimental investigation is carried out over automotive ...

[Structural Analysis of Air Turbine Rotor Blade Using N 155, Inconel 625 and Titanium Alloy Ti-4Al-4V by FEM](#)

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NPTEL

The National Program on Technology Enhanced Learning (**NPTEL**), a Joint Venture by seven Indian Institutes of Technology (IITs) and Indian Institute of Science (IISc) and funded by the Ministry of Human Resource Development (MHRD), Government of India to enhance the quality of engineering education in the country by developing curriculum based video and web courses. In the first phase of this collaborative project, supplementary content for 129 web courses in engineering/science and humanities have been developed. Each course contains materials that can be covered in depth in 40 or more lecture hours.

NPTEL HOME PAGE

The screenshot shows a web browser window displaying the NPTEL Local Chapter page for St. Anne's College of Engineering and Technology. The page header includes the college's name and address: ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY, ANGUCHETTYPALAYAM, PANRUTI, CUDDALORE DISTRICT, TAMILNADU-607106. The URL is https://www.stannocet.ac.in. Below this, there is a profile of the SPOC (Subject Matter Expert) for the course, DR. R. AROKIADASS, who is the Principal. His profile includes his designation, the date he started partnering with NPTEL (2020-07-16), and the college ID (4020). The page also features a message from NPTEL expressing its happiness to be associated with the college and its students, and thanking Dr. R. Arokiadass for his support. A horizontal bar displays various course statistics: Course Run, Present, Gold, Elite, Silver, Successful, Participation, Topper, Rating, and NPTEL Stars. The footer contains the NPTEL logo, a Creative Commons Attribution-ShareAlike license, and contact information for the NPTEL Administrator, including the address (IC 8 SR, 3rd floor, IIT Madras, Chennai - 600036), phone numbers, and email address.



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REMOTE ACCESS / E-RESOURCES

S.NO.	NAME OF THE PROVIDER	URL
1.	National digital library of India	https://ndl.iitkgp.ac.in/
2.	Developing Library Network (DELNET)	https://delnet.in/
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PATENTS

S.NO.	TITLE OF THE INVENTION	PUBLICATION DATE
1.	Computer Operator Name with Location, Tracking New System	11.02.2022
2.	Asymmetrical Cascaded 41- Level Inverter with Minimum Components	11.03.2022
3.	A System for analyzing single photon emission Computed Tomography(SPECT) images and a method thereof	15.04.2022
4.	Smart Public Transport Disinfection and sterilization System	13.052021



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Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered)

The following faculty members have filed the patent and published in the academic year
2021-2022

S.NO	NAME OF THE FACULTY	TITLE OF THE INVENTION	PUBLICATION DATE
1	Dr. S. Anita	Computer Operator Name with Location, Tracking New System	11.02.2022
2	Sr. A. Annai Theresa	Asymmetrical Cascaded 41-Level Inverter with Minimum Components	11.03.2022
3	Dr. S. Anita	A System for Analysing single Photon Emission Computed Tomography(SPECT) Images and a Method Thereof	15.04.2022

R. Arakadass

Dr. R. AROKADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvattur, Panruti (T.N.),
Cuddalore Dist, Pin: 607 110.

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 06/2022
ISSUE NO. 06/2022

शुक्रवार
FRIDAY

दिनांक: 11/02/2022
DATE: 11/02/2022

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241005961 A

(19) INDIA

(22) Date of filing of Application :03/02/2022

(43) Publication Date : 11/02/2022

(54) Title of the invention : COMPUTER OPERATOR NAME WITH LOCATION, TRACKING NEW SYSTEM

(51) International classification :H04L0029060000, G06Q0050260000, G09B0019000000, G06F0016951000, G06F0016953500
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number Filing Date :NA :NA
(62) Divisional to Application Number Filing Date :NA :NA

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4)Mohammad Malik Mubeen S | Assistant Professor | Department of Electrical and Electronics Engineering | M.A.M. School of Engineering | Tiruchirappalli.
5)Shakthi V | UG Scholar | Department of Computer Science and Engineering | Adhiparasakthi Engineering College | Melmaruvathur
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Address of Applicant :Dr. Gowthul Alam M M, Associate Professor, Department of Computer Science and Engineering, Presidency University, Bengaluru, Karnataka, India. -----

(57) Abstract :

This invention is related to the search field of the Internet. Here we describe a new system, in which we see the problem when a user uses the Internet and many cybercrime related incidents occur with it. Here he feels himself insecure. Then this new system works for security. The identity of the unknown person becomes public. It is clear from the description as per the drawing. The new technology of registration of IP address reflects the national identity of the person. In this way we see that many problems of the Internet are solved by a new system. Therefore, this new idea should be accepted by all countries.

No. of Pages : 14 No. of Claims : 5

patent 2.



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)



INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202241010084
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/02/2022
APPLICANT NAME	A. ANNAI THERESA
TITLE OF INVENTION	ASYMMETRICAL CASCADED 41 LEVEL INVERTER WITH MINIMUM COMPONENTS
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	srtheresasat@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	25/02/2022
PUBLICATION DATE (U/S 11A)	11/03/2022
REPLY TO FER DATE	30/09/2022

Application Status

APPLICATION STATUS

Reply Filed. Application in amended examination

[View Documents](#)



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in



700255347

CBR: 7453
DATE: 25/02/2022
Amt: 2750/-

MR
25.2.22

FORM 9
THE PATENTS ACT,
1970 (39 of 1970)
&
THE PATENTS RULES,
2003
REQUEST FOR PUBLICATION
[See section 11A (2); rule 24A]

1. Name, address and nationality of applicant(s). I A. Annai Theresa, St. Anne's College of Engineering and Technology, Anguchetty Palayam, Siruvathur Po, Panruti Tk. Cuddalore Dt. Tamilnadu, India, hereby request for early Publication of my/our Patent application No. dated..... under section 11A(2) of the Act.

Dated this.....day of.....2022.....

- 2. To be signed by the applicant or authorized registered patent agent.
- 3. Name of the natural person who has signed.

Signature.....
A. Annai Theresa

To
The Controller of Patents,
The Patent Office, At
Chennai

Note. — For fee: See First Schedule.

25-Feb-2022/16861/202241010084/Form 9

TITLE OF THE INVENTION

Asymmetrical cascaded 41 level inverter with minimum components.



710011178

FIELD OF THE INVENTION

The present invention relates to the field of power electronic devices, particularly to inverters. More particularly, the present invention relates to an asymmetrical cascaded multilevel (41 level) inverter with minimum components and low total harmonic distortion for operating electrical loads.

BACKGROUND OF THE INVENTION

[0001] The inverter is becoming inevitable for both residential and commercial purposes in modern society. That too nowadays the sine wave inverter is getting more popular because of its better quality and performance. Because of the better quality and performance the loads can be operated in a smooth and safer way.

[0002] People are more interested in buying sine wave inverters for residential purposes also as the residential houses have many electrical and electronic gadgets. So the need for sine wave inverters is increasing in all areas. To develop the sinewave inverters, the state of art technologies are used these days. The multilevel inverter is one of the best state of art technologies. These days many industries and researchers are actively involved in the development of this technology.

[0003] Multilevel Inverter (MLI) finds its implementations in a wide area. Multilevel Inverter at present is a fascinating concept in the field of industrial applications. Its simple structure and facility to increase or decrease the voltage by connecting multiple H- Bridge cells in cascaded manner are the predominant advantages.

[0004] We know that the prevailing power electronic converters are capable of producing an output voltage that ranges between two voltage levels alone. When these two level inverters are applied for higher range power applications, it is difficult to operate them at high frequency range because of its notable limitations like switching losses and high rating of the devices. So, with the two level inverter, it is impossible to bring out the preferred output.



I CLAIM:

1. An asymmetrical cascaded multilevel (4l level) inverter system (200) comprising: a converter comprising:

a main circuit (120);

a control circuit (122);

a series combination of power switches (101,102,103,104,105) and DC sources (110,111,112,113,114);

a parallel combination of clamping diodes (115,116,117,118,119) with a series combination of power switches (101, 102,103,104, 105) and DC sources (110,111,112,113,114); and

a H- Bridge circuit (121) with power switches (106,107,108,109),

wherein the main circuit (120) is configured with the power switches (101, 102,103,104,105) in series with the asymmetrical DC sources (110,111,112,113,114) and each of the series combination of power switch (101) and DC source (110) is connected in parallel with a clamping diode (115) and the circuit with this combination is connected to a H- Bridge circuit (121),

wherein 4 power switches (106,107,108,109) are configured in the H- Bridge circuit (121),

wherein the control circuit is configured with a control scheme wherein a gate pulse is generated by using phase displacement pulse width modulation (PDPWM) technique and the generated gate pulses (301,302,303,304,305) are given to the main circuit power switches (101,102,103,104,105) and appropriate gate pulses (401,402) are given to the H- Bridge power switches (106,107,108, 109) in the main circuit,

wherein a stepped DC voltage waveform (501) is generated by the circuit of combination of 5 power switches (101,102,103,104,105), 5 DC sources (110,111,112,113,114) and 5 clamping diodes (115,116,117,118,119), and

wherein the 4l level stepped output voltage (601,701,801) and output current (602,702,802) is obtained with reduced components and low total harmonic distortion value.

2. The asymmetrical cascaded multilevel (4l level) inverter system (200) as claimed in claim 1, wherein the controlled gate pulses (301,302,303,304,305) switching states of the power switches (101,102,103,104,105).

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3. The asymmetrical cascaded multilevel (41 level) inverter system as claimed in claim 1, wherein the asymmetrical DC supply voltage sources (110,111,112,113,114) are set with different voltage levels so that the obtained output voltage level (600,700,800) is higher.

4. The asymmetrical cascaded multilevel (41 level) inverter system as claimed in claim 1, wherein the H- Bridge circuit (121) generates a 41 level stepped AC wave (600,700,800) which is closer to a sine wave by configuration of the power switches (106,107,108,109) in the H-Bridge.

5. The asymmetrical cascaded multilevel (41 level) inverter system as claimed in claim 1, wherein the THD value (900) is 1.54% due to the controlled gate pulses (301,302,303,304,305) generated by PDPWM technique.

6. The asymmetrical cascaded multilevel (41 level) inverter system as claimed in claim 1, wherein the output voltage (601) and output current (602) are in phase with each other for resistive load.

7. The asymmetrical cascaded multilevel (41 level) inverter system as claimed in claim 1, wherein the output current (702) lags the output voltage (701) for inductive load.

8. The asymmetrical cascaded multilevel (41 level) inverter system as claimed in claim 1, wherein the output current (802) leads the output voltage (801) for capacitive load.

Dated this 25th day of February 2022



sign

A. ANNAI THERESA



patent 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241017033 A

(19) INDIA

(22) Date of filing of Application :25/03/2022

(43) Publication Date : 15/04/2022

(54) Title of the invention : A SYSTEM FOR ANALYSING SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) IMAGES AND A METHOD THEREOF

<p>(51) International classification :G06T0015080000, A61B0006030000, G06K0009320000, G06T0011000000, G06T0007000000</p> <p>(86) International Application No :PCT/// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)SRM Institute of Science and Technology Address of Applicant :Kattankulathur, Chennai-603203, Tamil Nadu, India -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)S. Anita Address of Applicant :St. Anne's College of Engineering and Technology, Anguchettyalayam, Panruti, Cuddalore Dt 607106 Tamil Nadu, India -----</p> <p>2)PRIYA P. Aruna Address of Applicant :Department of ECE, SRM Institute of Science and Technology, Kattankulathur, Chennai 603203, Tamil Nadu, India -----</p>
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(57) Abstract :
 ABSTRACT A SYSTEM FOR ANALYSING SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) IMAGES AND A METHOD THEREOF The present invention relates to the field of image processing and discloses a system (100) and method (200) for analysing SPECT images. The system (100) includes an input module (104) to receive at least one 3D SPECT image of a subject; a slice selector module (106) to select a pre-determined number of volume rendering image slices from 91 2D transaxial image slices of the received SPECT image; a processing module (108) to pre-process and segment the received slices based on a pre-determined set of processing rules stored in a repository (102), to identify volume of interest (VOI) in the image slices; an extractor module (110) to extract volume of pixels from the VOI of the volume rendering image slices; a determining module (112) to determine a degree of abnormality in the condition of the subject and update a dataset stored in the repository (102) with received voxels and outcome value.

No. of Pages : 28 No. of Claims : 7

FORM 1

THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003
APPLICATION FOR GRANT OF PATENT
(See sections 7, 54 & 135 and rule 20(1))

(FOR OFFICE USE ONLY)

Application No.:
Filing Date:
Amount of Fee paid:
CBR No.:
Signature:

1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)**2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]**

Ordinary (✓)		Convention ()		PCT-NP ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()

3A. APPLICANT(S)

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			City	Chennai
			State	Tamil Nadu
			Country	INDIA
			Pin Code	603203

3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]

Natural Person () Educational Institution (✓)	Other than Natural Person		
	Small Entity ()	Startup ()	Others ()

4. INVENTOR(S) [Please tick (✓) at the appropriate category]

Are all the inventor(s) same as the applicant(s) named above?	Yes ()	No (✓)
---	---------	----------

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			Pin Code	607106
PRIYA P. Aruna	INDIAN	INDIA	House No.	Department of ECE, SRM Institute of Science and Technology
			Street	Kattankulathur
			City	Chennai
			State	Tamil Nadu
			Country	INDIA
			Pin Code	603203

5. TITLE OF THE INVENTION:

ANALYSIS OF VOLUME RENDERING SPECT IMAGE SLICES FOR DIAGNOSIS OF EARLY STAGE PARKINSON'S DISEASE USING DEEP LEARNING TECHNIQUES

6. AUTHORISED REGISTERED PATENT AGENT(S)

IN/PA No.	25
Name	MOHAN RAJKUMAR DEWAN
Mobile No.	9823057535

7. ADDRESS FOR SERVICE OF APPLICATION IN INDIA

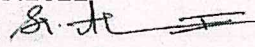
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Fax. No.	0222650159
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8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION

Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention	IPC(as classified in the convention country)

9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)

International Application Number	International filing date

10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION	
Original (first) application No.	Date of filing of original (first) application
11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT	
Main Application/Patent Number	Date of filing of main application
12. DECLARATIONS	
<p>(i) Declaration by the inventor(s) (In case the applicant is an assignee: the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).</p> <p>I / We, the above named inventor(s) is/ are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/ are my / our assignee or legal representative.</p> <p>(a) Date : 23.03.2022 (b) Signature :  (c) Name : S. Anita</p> <p>(a) Date : (b) Signature : (c) Name : PRIYA P. Aruna</p>	
<p><input checked="" type="checkbox"/> (ii) Declaration by the applicant(s) in the convention country</p> <p>(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).</p> <p>I / We, the applicant(s) in the convention country declare that the applicant(s) herein is/ are my / our assignee or legal representative.</p> <p>(a) Date : (b) Signature : (c) Name :</p>	

(iii) Declaration by the Applicant(s)

I/We, the applicant(s) hereby declare(s) that :-

- I am/We are in possession of the above-mentioned invention.
- The provisional/complete specification relating to the invention is filed with this application.
- The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me /us before the grant of patent to me/us.
- There is no lawful ground of objection(s) to the grant of the Patent to me/ us.
- I am /We are the true & first inventor(s).
- I am /We are the assignee or legal representative of true & first inventor(s).
- The application or each of the applications, particulars of which are given in Paragraph-8, was the first application in convention country/countries in respect of my/our invention(s).
- I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- The application is divided out of my/our application particulars of which is given in Paragraph-10 and pray that this application may be treated as deemed to have been filed on _____ under section 16 of the Act.
- The said invention is an improvement in or modification of the invention particulars of which are given in Para-11.

13.FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

a. Form 2

Item	Details	Fee	Remarks
Complete Specification	No.of pages		
No. of Claim(s)	No. of claims and No. of pages		
Abstract	No.of pages		
No. of Drawing(s)	No. of drawings and No. of pages		

- Complete specification (in conformation with the international application) / as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies), No. of pages _____, No. of claims _____.
- Sequence listing in electronic form
- Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies), No. of sheets _____
- Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.
- Translation of priority document/Specification/International Search Report/International Preliminary Report

on Patentability.

- Statement and Undertaking on Form 3
- Declaration of inventorship on Form 5
- Power of Authority

Total fee ₹ _____ in cash/Banker's Cheque /Bank Draft bearing No. _____ Date _____. on
_____ Bank.

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this 18th day of October 2021

For: **SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

MOHAN RAJKUMAR DEWAN, IN/PA - 25
of R.K.DEWAN & CO.
Authorized Agent of Applicant

To,
The Controller of Patents
The Indian Patent Office, Chennai



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation centre facilities in the HEI to be considered)

The following faculty members have filed the patent and published in the academic year
2020-2021

S.NO	NAME OF THE FACULTY	TITLE OF THE INVENTION	PUBLICATION DATE
1	Sr. A. Annai Theresa	Smart Public Transport Disinfection and Sterilization System	13.05.2021

R. J. Prasad

DR. E. MAROKIADASS, H.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Srivathur (Post), Panruti (T.K.),
Cuddalore (Dist), Pin: 607 110.



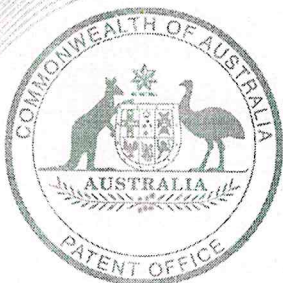
Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101212

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 28th day of April 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

(12) INNOVATION PATENT
(19) AUSTRALIAN PATENT OFFICE

(11) Application No. **AU 2021101212 A4**

(54) Title
SMART PUBLIC TRANSPORT DISINFECTION AND STERILIZATION SYSTEM

(51) International Patent Classification(s)
A61L 9/20 (2006.01) **A61L 2/26** (2006.01)
A61L 2/10 (2006.01) **B01D 46/40** (2006.01)
A61L 2/24 (2006.01)

(21) Application No: **2021101212** (22) Date of Filing: **2021.03.08**

(45) Publication Date: **2021.05.13**
(45) Publication Journal Date: **2021.05.13**
(45) Granted Journal Date: **2021.05.13**

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2021101212 08 Mar 2021

ABSTRACT**“SMART PUBLIC TRANSPORT DISINFECTION AND STERILIZATION SYSTEM”**

Exemplary aspects of the present disclosure directed towards the Smart Public Transport Disinfection and Sterilization System. The disinfection/sterilization process generally comprises Mist-spraying of chemicals and illuminating with UV-Light. The invention presented here consists of Thermoelectric-Peltier modules 101, act as pseudo cooling and heating element. If motion-sensor 107 detects no human presences then, microcontroller 103 turns on UV-Light 105 and opens the hot air outlet 101a of Thermoelectric-Peltier modules 101 & Ozone Generator 101c. Simultaneously, Mist-sprayer device 106 spray the chemical on the surface exactly where passengers seated. Passenger occupancy is monitored by camera 112 with relevant Machine learning algorithms. Blowers 109 sucks the air from the passenger cabin and makes it flow through HEPA filter 109a and over Thermoelectric-Peltier modules 101. When moisture-sensor 107 detects the dry surface, the ESP32 microcontroller 103 stops the hot air went 101a, and open the other side of Thermoelectric Peltier modules 101b. The cold air sent through the vent 101b of Thermoelectric Peltier modules 101, eventually cools the entire cabin in minutes, making the passenger cabin disinfect and sterile.

1. TITLE OF THE INVENTION:

Smart Public Transport Disinfection And Sterilization System

2. PREAMBLE TO THE DESCRIPTION

The following specification particularly describes the invention and the manner in which it is to be performed

3. DESCRIPTION

TECHNICAL FIELD

[0001] The present disclosure generally relates to public health and hygiene, particularly about sanitization and the transportation system's disinfection with the machine learning algorithm's help.

BACKGROUND

[0002] Preventive measure is the best sort of vector to avoid the spread of any viruses. The preventative step may include sanitization or disinfection, or both. In the transport sector, wherein the step-in and step-out of people with or without any infection symptoms may pose a severe spread of infection. The transportation medium, particularly in developing countries like India, mostly relays on Auto-Rikshaws, Cars, Buses, and Trains. Adhering to policymakers' decision, all the means of transport must get sanitized at the End of the day leading to the spread of infections. Due to the lack of a proper mechanism for quick sanitization and disinfection during commuter's absence intervals, the End of the day schema was implemented. This schema won't give fruitfulness because of the step-in of several commuters per day who are either asymptomatic or in good health.

[0003] The term sanitization and disinfection carry the same meaning in-general, but both differ by many dissimilarities as per medical terminology. Though several systems and mechanisms are in place for either sanitize or disinfect, there is a lack of understanding in making the area sanitize or disinfect and more significantly in the transport sector.

[0004] Numerous prior arts have made attempts to automate the sanitization and disinfection with multiple prototyping but haven't achieved a more desirable feature in a single unit and rapid disseminating system for the transportation sector. Moreover, spraying the disinfecting liquid where there is no contamination or no space utilization leads to near waste of liquid and consumes time and energy.

of day who are either asymptomatic or in good health.