

**RACK NO.1 (L.S.)**

**001.42 Research Methodology**

**003 System Simulation, Linear Theory and Design**

**004 Introduction to Computers**

**004.0151 Discrete Mathematics**

**004.125 IBM PC and Clones**

**004.165 Microprocessors and Micro computer**

**004.21 System Analysis and Design**

**004.22 Computer System Architecture**

**004.33 Real Time System**

**004.35 Parallel Computing**

**004.5 Digital Computer Memory Technology**

**004.6 Frontiers of Electronic Commerce & Data Communication &  
Networking**

**004.62 TCP/IP Protocols Suite**

**004.65 Computer Networks**

**RACK NO.1 (R.S.)**

**004.678 Internet multimedia on the web**

**005.1 Software Engineering ; Introduction to Algorithms**

**005.133 Computer Programming**

**005.44 Operating Systems**

**005.45 Compilers**

**005.73 Data structure and Algorithms**

**005.74 Database Systems**

**005.75 MYSQL**

**005.754 Data Mining**

**005.7585 ORACLE**

**006.3 Prolog ;Artificial Intelligence**

**006.32 Neuro-Fuzzy & Soft Computing**

**006.33 Expert System**

**006.35 Speech and Language Processing**

**006.42 Fundamentals of Digital Signal Processing**

**006.6 Principles of Interactive Computer Graphics**

**006.7 Multimedia Graphics**

**006.74 XML/UML**

**Rack No. 2 (L.S.)**

**150 Psychology**

**158.7 Industrial Psychology ; Psychology and Work study**

**330 Managerial Economics**

**331 Labor Economics**

**331.881 Industrial Relation and the Government**

**332.12 Non-Performing Assets in Commercial Banks**

**332.170285 Modern Banking in India**

**332.6 Psychology of Investment and Investors Preferences**

**332.672532 Insurance in India**

**332.673 Investment for Probability ; Foreign Direct Investment and Trade  
India**

**333.7924 Nuclear Energy in Industry**

**333.794 Power Generation through Renewable Sources of Energy**

**33.914 Hydroelectric Stations**

**333.7916 Energy Conversion**

**333.7932 Electric Energy Utilization and Conversation**

**338.47672 Steel Industry in India**

**342.0662 Right to Information**

**344.03211068 Hospital Administration and Management**

**346.065 Modern Business and Corporate Laws**

**371.33 Educational Technology**

**371.334 E-Learning**

**372.6 Communication Skills ; Language and Linguistics ; Book of IQ**

**Tests ; Basic of Managerial Skills**

**389 Engineering Metrology**

**510 Mathematics**

**(R.S.)**

**526.9 Surveying**

**530 Physics**

**540 Chemistry**

**550 Geology**

**RACK NO.3 (L.S.)**

**551 Hydrology**

**552 Petrology**

**553 Economic Geology**

**604 Engineering Drawing**

**620 Engineering and Allied Operations**

**620.1 Engineering Mechanics & Materials**

**(R.S.)**

**620.2 Sound & Related Vibration & Mechanical Vibration**

**621 Applied Physics**

**621.3 Electrical Engineering & Power**

**Rack no.4 (L.S.)**

**621.312 Electrical Power Generation**

**621.313 Generating Machinery and Converters**

**621.314 Transformers**

**621.315 Copacitors (Condensers)**

**621.317 Control Devices**

**621.319 Transmissions**

**621.32 Electric Lighting**

**621.33 Electric Power Transmissions**

**621.367 Digital Image Processing & Fiber Optics**

**621.37 Electrical Measurement**

**621.38 Electronic Communication Engineering**

**(R.S.)**

**621.381 Electronics**

**621.382 Analog , Digital & Electronic Communication**

**RACK NO.5 (L.S.)**

**621.3822 Digital Signal Processing**

**621.384 Radio & Radar**

**621.385 Telephony**

**621.388 Television**

**621.395 VLSI ; Logic Design of Circuits**

**621.4 Elements of Heat Engines**

**621.402 Heat Engineering**

**621.4021 Thermodynamics**

**(R.S.)**

**621.43 Internal Combustion Engine**

**621.46 Electric Motor**

**621.47-48 Solar Energy Engineering , Nuclear Engineering**

**621.56 Refrigeration and Air Conditioning**

**621.6 Blowers , Fans ,Pumps**

**621.81 Theory of Mechanics**

**RACK NO. 6 (L.S.)**

**621.815 Machine Design**

**621.83 Gear Design**

**621.86 Materials Handling Equipments**

**621.89 Basic Lubrication Theory**

**621.9 Workshop Technology**

**621.902 Metal Cutting , Machine Tool Design**

**622.14 Coal Mining**

**623.87 Marine Engineering**

**(R.S.)**

**624 Civil Engineering**

**624.0299 Estimating and Costing**

**624.15 Foundation Engineering**

**624.151 Soil Mechanics**

**624.15132 Rock Mechanics**

**624.17 Structural Mechanics**

**RACK NO.7 (L.S.)**

**624.171 Dynamics of Structures, Structural Analysis**

**624.176 Stress in Framed Structures**

**624.177 Theory of Plates & Shells**

**624.182 Design of Steel Structure , Metal Structures**

**624.183 Treasure of RCC Design , Practical Prestressed Concrete**

**624.19 Tunnels & Tunneling**

**624.2 Bridge Engineering**

**624.20288 Railway Bridge Maintenance**

**625 Transportation Engineering, Traffic Engineering**

**625.1 Railway Engineering**

**625.7 Highway Engineering**

**625.8 Principles of Pavement Design**

**(R.S.)**

**627 Fluid Mechanics & Hydrolics**

**627.52 Irrigation & Water Power Engineering**

**627.8 Engineering for Dams**

**628 Environmental Science & Engineering**

**628.1 Water Supply & Sanitary Engineering**

**628.3 Waste Water Engineering , Sewage Treatment**

**628.4 Industrial Waste Treatment**

**629.13 Aero-Thermodynamics & Flow in Turbomachines**

**629.1354 Aircraft Electrical Engineering**

**629.231 Advances in Automobile Engineering**

**629.8 Control System Engineering**

**RACK NO.8 (L.S.)**

**629.83 Automation Control Engineering**

**629.892 Robotics Engineering**

**629.895 Engineering Application of Micro Computer**

**631.43 Soil Physics**

**658 Industrial Management & Organizational Behaviour**

**658.001 Organization Theory**

**658.02 Public Enterprises Theory**

**658.15 Financial Management**

**658.1511 Management Accounting**

**658.1599 Industrial Finance & Open Economy Macro Economics**

**658.23 Plant Layout & Material Handling**

**658.3 Personal Management**

**658.31244 Human Resource Management**

**658.401 Total Quality Management**

**658.4032 Management of Systems, Quantitative Techniques in Management**

**658.4034 Operation Research**

**658.4038011 Management Information Systems**



**685.404 Project Management**

**658.421 Entrepreneurship Development in India**

**658.45 Business Communication**

**658.478 E-Commerce**

**658.5 Production & Operation Management**

**----- Manufacturing Practice**

**(R.S.)**

**658.503 Production Planning & Control**

**658.515 Productivity Management**

**658.542 Motion and Time Study , Value Engineering**

**658.56 Production Control**

**658.562 Statistical Quality Control, SPC-Concept Methodology &  
Control**

**658.5752 Product Design & Manufacturing**

**658.8 Industrial Marketing**

**658.8342 Consumer Behaviour**

**658.85 Marketing Research**

**660 Chemistry of Coal Utilization**

**660.2 Chemical Engineering**

**662.6 Fuel: Solid Liquid & Gaseous**

**668.4 Plastic Engineering**

**669 Engineering Metallurgy**

**669.028 Behavior of Engineering Metals**

**669.9 Physical Metallurgy Principles**

**670 Production Technology**

**670.285 CAD/CAM**

**670.427 Mechatronics**

**671 Manufacturing Process , Optimization Theory**

**671.2 Foundry Engineering**

**671.25 Metal Casting**

**671.33 Forging and Forming Metals**

**671.35 Metal Cutting**

**671.36 Heat Treatment of Metals**

**671.52 Welding Technology**

**RACK NO.9 (L.S.)**

**671.732 Modern Electro Planting**

**672 Manufacturing of Iron Steel**

**681.2 Measurement System**

**690 Building Construction**

**691 Building Materials**

**692 Building Drawing**

**693 Alternations of Buildings**

**694 Fundamentals of Carpentry**

**696 Services in Building Complex**

**697 Heating, Ventilating & Air-Conditioning Fundamentals**

**711 The Urban Pattern**

**720 Architecture**

**744.422 Engineering Drawing**

**RACK NO. 11 (R.S.)**

**669.8 Material Science & Metallurgy**

**669.9 Physical Metallurgy ; Elements of Metallurgy**

**670 Production Technology**

**670.285 Automation ,Production System & Computer Integrated Manufacturing ; CAD, CAM**

**671 Industrial Metalworking Processes ; Manufacturing Process**

**671.2 Foundry Technology**

**671.25 Metal Costing**

**671.33 Forging Die Design & Practice**

**671.35 Metal Cutting ; Welding Technology**

**---- Modern Mechining Process**

**(L.S.)**

**681.2      Technical Measurements Instrumentation**  
**-----      Mechanical Measurements & Control**  
**-----          Mechanical & Industrial Measurement**  
**690          Building Construction**  
**711.4      The Urban Pattern**  
**744.422    Geometrical Drawing ;Machine Drawing ;Engg. Drawing**  
**-----      Engineering graphics & Drafting**

**RACK NO.12(R.S.)**

**629.25      Automobile Engg.**

- 629.8 Control System Engg. ; Modern Control Engg.**
- Automatic Control Engg.**
- 629.83 Feed back Control System**
- 629.832 Linear Control Systems**
- 629.892 Industrial Robotics**
- 658 Industrial Management ; Organisation Management**
- Industrial Organizational & Management**
- 658.15 Business Organisation Management**
- 658.2 Industrial Engg. & Management**

**(L.S.)**

- 658.3 Personel Management & Industrial Relations;**
- 658.31244 Human Resource Management**
- 658.401 Total Quality Management**
- 658.404 Project Management**

- 658.4032      Project Planning & Control With PERT & CPM**  
-----  
**Management Systems**
- 658.4034      Operations Research**
- 658.421        Entrepreneurship**
- 658.478        E-Business: Ransom for Success ; Electronic Commerce**
- 658.5            Industrial Engg. & Management ; Manufacturing Practice**  
-----  
**Production & Operation Management ; Work Study**
- 658.503        Production Planning Control & Industrial Management**
- 658.562        Statistical Quality Control**
- 668.4            Plastic Technology**
- 668.412        Injection Mould Design**
- 669              Mechanical Metallurgy**

**RACK NO.13(R.S.)**

- 627              Fluid Mechanics ; Fluid Mechanics Hydrolics**
- 627              Open -Channel Hydrolics ; Engineering Hydrology**

**(L.S.)**

- 627.52        Principles of Irrigation Engg.; Irrigation & Water Power Engg.**  
-----  
**Theory & Design of Irrigation Structures**
- 628              Waste water Engg.**
- 628.1            Water Supply & Sanitary Engg.**

- Sewerage & Sewage Treatment
- 628.52 Environmental Pollution & Control
- 629.04 Traffic Engg. & Transport Planning

**RACK NO.14(R.S.)**

- 624.171 Computer Programming & Engg. Analysis
- 624.18 Airport Planning & Design
- 624.182 Design of Steel Structures ; Timber Structures
- 624.1821 Structural Design in Steel, Masonry & Timber
- 624.183 Reinforced Concrete Structure

**(L.S.)**

- 624.183 Reinforced Concrete ; Treasure of RCC Design
- Design of Reinforced Concrete Structures
- 625 Transportation Engineering
- 625.1 Railway Engineering ; Roads Bridges & Tunnels Engg.

**625.7 Highway Engineering**

**RACK NO. 15(R.S.)**

**621.815 Machine Design**

**621.86 Construction Planning & Equipment**

**621.9 Workshop Technology ; Manufacturing Processes**

**621.902 Principles of Machine Tools**

**621.99 Jig & Fixture Design**

**624 Civil Engineering**

**624.0299 Estimating & Costing**

**624.15 Foundation Retaining ; Construction & Foundation Engg.**

**L.S.**

**624.151 Soil Mechanics & Foundations Engg.**

**624.1517 Geo technical Engineering**

**624.17 Structural Analysis;Structural Mechanics ;Inderminate  
Structure ; Theory of Structures; Analysis of Structures**



**RACK NO. 16 (R.S.)**

<b>621.3815</b>	<b>Micro Electronics</b>
<b>----</b>	<b>Electronic Devices &amp; Circuits</b>
<b>----</b>	<b>Basic Electronics &amp; Linear Circuits</b>
<b>----</b>	<b>Integrated Circuits</b>
<b>----</b>	<b>Digital Integrated Electronics</b>
<b>----</b>	<b>Engineering Approach To Digital Design</b>
<b>621.381534</b>	<b>Pulse Digital &amp; Switching Waveforms</b>
<b>-----</b>	<b>Basic Electronics &amp; Linear Circuits</b>
<b>621.381537</b>	<b>Switching &amp; Finite Automatic Theory</b>
<b>621.3822</b>	<b>Digital Signal Processing</b>
<b>621.3824</b>	<b>Antenna and Wave Propagation</b>
<b>621.38275</b>	<b>Optical Fiber Communication</b>
<b>621.384</b>	<b>Electronic &amp; Radio Engineering</b>
<b>621.384156</b>	<b>Satellite Communication</b>
<b>621.38456</b>	<b>Mobile Cellular Telecommunications</b>
<b>621.3848</b>	<b>Fundamentals of Radar</b>
<b>621.38784</b>	<b>Transmission Linear &amp; Networks</b>
<b>621.38804</b>	<b>Monochrome &amp; Color T.V.</b>

**621.3888      Color Television ; Basic Television Video System**

**621.395        Digital Circuits & Logic Design**

**621.402        Heat Engineering**

**(L.S.)**

**621.4021      Thermal Engineering**

**621.4021      Thermodynamics & Heat Engineering**

**621.4022      Heat & Mass Transformers**

**621.51         Pneumatic Systems**

**621.56         Refrigeration & Air Conditioning**

**621.81         Theory of Mechanics**

**RACK NO. 17(R.S.)**

**621.317      Power Electronics**

**621.319      Power System Transient & High Voltage Principles**

**----         High Voltage Engg. & AC Transmission Engg.**

**621.3191     Electrical Engineering System Theory & Introduction**

---- **Electric Energy System Theory**

**631.31921 Electric Circuits**

---- **Network Analysis**

**621.33 Modern Electric Traction**

**621.34 Electromagnetic Fields**

---- **Electromagnetic Waves & Radiating System**

**621.37 Electrical Electronic Measuring Instrumentation**

---- **Electronic & Instrumentation**

---- **Modern Electronic Instrumentation & Measurement**

---- **Electronic Measurements**

(L.S.)

**621.37 Electrical & Electronics Measurement and Control**

**621.38 Electronic Communication Systems**

**621.381 Principles of Electronics ; Digital Principles & Application**

---- **Modern Digital Electronics ; Basic Electronics Solid state**

**621.3813 Microwave Engg.**

**621.3815 Micro Electronics**

---- **Electronic Devices & Circuits**

- **Basic Electronics & Linear Circuits**
- **Integrated Circuits**
- **Digital Integrated Electronics**
- **Engineering Approach To Digital Design**

**RACK No. 18(R.S.)**

- 621.3**            **Electrical Technology**
- **Principles of Electrical Engineering**
- **Basic Electrical Engineering**
- **Basic Electrical & Electronics**
- **T.B. Of Electrical Engineering**
- 621.30284**    **A Course in Electrical Engineering Materials**
- 621.31**        **Power System Analysis**
- **A Course in Electrical Power**
- **Computer Techniques in Power System Analysis**
- **Electrical Power system**
- **Power System Analysis & Stability**
- **Utilization of Electrical Power & Electric Traction**

---- **Art & Science of Utilization of Electrical Energy**

---- **Generation of Electrical Energy**

(L.S.)

**621.31 power systems Analysis**

---- **power System protection**

---- **Course in Electrical Power**

**621.312 Sub station Design & Equipment**

---- **Elements of Electrical Power Station Design**

**621.313 Generalize Theory of Electrical Machines**

**621.313 Electrical Machine Design**

---- **Principles of Electrical Machine Design**

---- **Theory of Performance of Electrical Machine**

---- **Design and Testing of Electrical Machine**

**621.3133 Alternating Current Machine**

---- **The Performance and Design of Alternating Current Machine**

---- **Theory of Alternating Current Machine**

**621.314 Power Transformers & Special Transformers ; Transformers**

**621.317 Switchgear Protection**

---- **Power System Protection Switchgear**

**RACK NO. 19(R.S.)**

<b>530</b>	<b>Technical Physics</b>
<b>530.41</b>	<b>Solid State Mechanics</b>
<b>530.416</b>	<b>Oscillations &amp; Waves</b>
<b>531.112</b>	<b>Vectorial Mechanics</b>
<b>535</b>	<b>OPTICS</b>
<b>539.7</b>	<b>Nuclear Physics</b>
<b>540</b>	<b>Engineering Physics</b>
----	<b>Physical Chemistry</b>
----	<b>Comprehensive Engineering Chemistry</b>
<b>553</b>	<b>Geology for Engineers</b>
<b>610.284</b>	<b>Biomedical Instrumentation</b>
<b>620.0015</b>	<b>Finite Elements Analysis</b>
----	<b>Finite Elements Structural Analysis</b>
<b>620.00420285</b>	<b>Computer Aided Design</b>
----	<b>Computer Aided Analysis &amp; Design</b>
----	<b>Mastering Auto cad</b>
<b>620.00452</b>	<b>Reliability Engineering</b>

- 620.1**            **Elements of Material Science & Engineering**
- **Advances In Material Sciences**
- **Engineering Mechanics Statics & Dynamics**
- **Material Science & Processes**
- **Mechanics of Material**
- **Engineering Mechanics**
- **Graphics Statics**
- 620.1053**       **Statics & Strength of Materials**
- 620.11**         **Strength of Materials & Structures**
- **Strength of Materials**

(L.S.)

- 620.11**         **Strength of Materials**
- 620.11**         **Engineering Materials**
- 620.2**          **Fundamentals of Acoustics**

----      **Basic Acoustics**

**620.3      Mechanical Vibrations**

----      **Vibration & Noise for Engineers**

**621      Mechanical Engineering**

----      **Elements of Mechanical Engineering**

**621.021      Design Data Hand Book**

**621.19      Power Plant Engineering**

----      **Power System Operation and Control**

**621.3      Electrical Technology**

**RACK NO.20 (R.S)**

**372.6      Communication Skill**

**389.1      Engineering Methodology**

**510      Applied Mathematics**

**(L.S)**

**512      Algebra**



- 515.35      Differentials Equations**
- 519.4       Numerical Methods In Engineering Science**
- 519.6       Optimization: Theory & Practice**
- 526.9       Surveying & Leveling**
- 530          Fundamentals of Modern Physics**
- University physics**
- Engineering Physics**

**RACK NO. 21(R.S.)**

- 003          System Simulation**
- 004          Digital Computer Fundamentals ; Technology & Management**
- Malvino, Digital Computer Electronic**
- Theory of Computer Science**
- Computer System & Data Analysis**
- 004;005.1   Information Technology & Computer Programming**
- 004.0151    Discrete Mathematics**
- 004.125     IBM PC & Clones**
- 004.16      Induction To Microcomputer**

- **Microprocessor & Microcomputer Based System Design**
- 004.19 Analog Computation & Simulation**
- 004.21 System Analysis & Design**
- 004.22 Computer Organization & Programming**
- **Computer System Architecture , Digital Computer Design**
- **Computer Architecture & Organization**
- **Computer Architecture & Parallel Processing; Parallel Computer**
- 004.678 Internet Working With TCP/IP**
- 005.1 Software Engineering**
- 005.1 Computer Programming & Numerical Analysis**
- (L.S.)**
- 005.133 Object Oriented Programming With C++**
- **Pascal Plus Data Structure Algorithms Advanced Programming**
- **Computer Programming In Fortran 77**
- **Programming With C ; Programming With Pascal**
- **Introduction To Pascal & Structured Design**
- **Programming In Fortran 1v ; Cobol Programming**
- 005.136 Assembly Language Processing ; Programming The Z80**
- 005.43 Inside Xenix**
- 005.4476 MCSE NT Server 4**

- 005.73      Data Structure & Algorithms ; Data Structure & Program Design**
- 005.74      Database System; Database Management System**
- 005.756     Relational Database Management System**
- 006.3        Artificial Intelligence**
- 006.32     Neural Networks Fundamentals With Graphs; Algorithms & Application**
- Artificial Neural Networks**
- 006.6        Computer Graphics**
- 330          Elementary Economic Theory**
- 372.6        Business Correspondence & Report Writing**