MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY, LIBRARY MEERUT

LIBRARY BROCHURE

(B. Tech, B. Tech Biotech, M.Tech (Bio), M. Tech–CS & M.Tech–Bioinformatics, M. Tech EC, M. Tech Thermal Engineering, MBA, & MCA, B.Pharm / M.Pharm)

Central Library

About the Library

The library has a well-rounded collection of 161439 volumes of books divided into 16354 titles. These include textbooks, foundation books and books on subsidiary readings. Our aim has been to meet course book requirement of students in full measures and in this direction we procure multiple number of books by various authors on the same subject. The library is organized on 'Open Access System'. Students have full access to book stacks to browse and select suitable books of their interest.

Besides books on Engineering and Technology and MBA subjects, the library also has books on applied sciences, humanities and social sciences. These books provide good scope to students in enriching their knowledge in liberal arts and humanities.
Breakup of the library collection is as under:

Subject	Books	Titles
B.Tech, Applied Sciences, M.Tech	115843	11949
MBA	11066	1502
MCA	26425	1481
B.Pharm / M.Pharm	8105	1422
	161439	**16354**

Physical Facilities:

Total carpet area	2212.04 Sqmts.
Total Seating Capacity	470 Seats

Library Membership:

Library membership is open all students and faculty members on rolls of the Institute. Currently their number is 4,250 approx.

Further break up is as under.

B.Tech	2456
B.Pham.	149
M.Pham.	64
M.Tech (Bio)	41
MCA	319
MBA	117

Book Borrowing Facility Available to Students

A Issue Books - 10 days

- 1 day
- Semester Duration

B TBL Facility

During the preceding year a total number of 1, 61,439 books were issue to students (1,35,387 on periodic loan + 25,571 on semester loan)

C Book uses per Month

August - 18382
September - 20281
October - 6435
On an average 510 Books Issued Per-day

Other Facility Available to Students.

1 OPAC (Online Public Access Catalogue)
2 Reprography Service
3 Academic Journals
4 PG Dissertations
5 Departmental Libraries
6 Girls Hostel Library

Working Hours: 9:00 a.m. - 10 p.m. on Week days
9:00 a.m. - 12 mid - night during exam days
9:00 a.m. - 5 p.m. on Off days

Library Users Per Day (2017)

August. 2240
September 1560
October 1255
On an average 1050 students visit the library per day

Total Expenditure on Books, Journals and Subscription in Rs.

Financial Year	**bks/jrs.**	**Total (Rs. In Lacs.)**
2017-18	Rs.30,93,528 /- (books) Rs.8,09,123/ - (jrs) Rs.50,234 / - (misc)	39, 52,885/- Lacs

BOOK CIRCULATION SECTION:

A B.Tech. student 3, PG 10 Books are issued for a period of 10-day. A student can also draw a CD or diskette or a reference book overnight use. A charge is applied only if the books are lost, damaged or returned after the due date.

LIBRARY AUTOMATION: The library functions on Alice for windows software. All library functions such are accessioning & circulation serial control, browsing of E-journals have started functioning.

WEB OPAC

On Line Public Access Catalogue of all the 161439 books is available to library users. OPAC is also available in respective teaching departments. To find a book, check the subject, author or title on OPAC. Students are also provided instructions on how to use a computer-based library system.

ELECTRONIC LIBRARY

The library fully recognizes the importance of electronic media in the dissemination of knowledge. It has built up a lively collection of 3050 book CDs, 1001 journals and magazines CDs. It also has diskettes, audio cassettes and DVDs. Students have free of charge facility to read or write CDs. They may also borrow CDs for home use.

TBL SCHEME

Based on the Roorkee model of library service, the library provides Text Book Loan facility to B.Tech students. It enables them to study the university accredited books and cultivate good reading habit. Under this scheme, a full set of prescribed textbooks is issued for semester duration. These books are returned before one gets next semester books. An overwhelming 97 percent of students opt for TBLS membership. This is an index of its popularity.

QUALITY AND NUMBER OF BOOKS:

The library purchases quality books in various branches of engineering and technology. UPTU recommended books and other seminal books of general and reference category are obtained in adequate numbers.

Total number of books (January, 2018) is 161439 running into 16354 titles

DEPARTMENTAL LIBRARIES:

The central library maintains departmental libraries in CS, IT, EC/EI ME, Civil Engineering, Chemical Engineering, Pharmacy, Biotechnology, Communication English. These books are mainly used for reference in tutorial and class room teaching by the faculty.

GIRLS HOSTEL LIBRARY: As girls students can not use the library services after 5 p.m. and on closed days, it was deemed proper that library facilities should be provided to them after class hours and on holidays also. A good beginning has been made in this direction. The hostel library has been provided with 805 books. It remains open between 5.00 p.m. to 8.00 p.m. on week-days and from 10 a.m.-1p.m. noon on off days.

BOOKS FOR WEAKER SECTION OF THE STUDENTS:

The Department of Social Welfare, Uttar Pradesh Government has presented multiple copies of 102 titles of B.Tech level books for use of SC/ST and OBC students. The total number of these books is 647. These books are exclusively issued to them.

REFERENCE SECTION:
For the added benefit of students the library has established a reference section. It consists of two copies of all prescribed books in the courses of readings. These books are issued for consultation in the library and also for overnight use. About 6,400 books are housed in this section.

STAFF:	Librarian	-	One
	Professional Asstt.	-	Seven
	Library Asstt.	-	One
	Library Attendant	-	Nine

LIBRARY MANAGEMENT SYSTEM: For effective management of the library, the Institute has setup a Library Advisory Committee. It consists of heads of the main departments and it is headed by the library advisor. The main functions of the committee are to recommend developmental programs, to recommend purchase of books and journals in the library and to suggest improvements in library facilities so that students face no difficulty in the use of library resources.

BOOK PURCHASE POLICY: Procurement of quality books in adequate numbers in all branches of engineering and technology, and in applied sciences have been the core principles of the book procurement policy. UPTU recommended books, and other standard books on technical subjects are obtained in adequate numbers. Books in sciences, humanities and in liberal arts are given due weight age in the matter of book procurement. Faculty and students suggestions for new books are honored in full measures.

Number of Books Titles and Volumes Available 2017-2018

The Library has 16354 titles spread over 1,61,439 volumes of books. Subjects-wise breakup is as under:

Subject	Aicte Norms		Available	
	Number of Titles	Number of Volumes	Number of Titles	Number of Volumes
Computer Science and Engineering	1200	8750	1744	17411
Information Technology	1000	6000	1369	12224
Electronics and Communication Engineeriong	1000	6700	1672	18261
Electronics and Instrumentation Engineering	700	3500	1094	11208
Mechanical Engineering	1050	7500	1585	19119
Chemical Engineering	850	4250	1050	9454
Biotechnology Engineering	1000	5500	1222	12664
Civil Engineering	500	3000	892	6249
Electrical Engineering	250	1250	203	3155
M.Tech -Computer Science	250	500	205	1439
M.Tech - Bioinformatics	250	500	226	955
M.Tech -Biotechnology	500	1000	378	2235
M.Tech. – Electronics & Communication Engg.	300	600	185	965
M. Tech. - Thermal Engineering	200	400	124	504
	9050	**49450**	**11949**	**115843**

Subject	Aicte Norms		Available	
	Number of Titles	Number of Volumes	Number of Titles	Number of Volumes
B.Pharm	850	4250	932	6032
M.Pharm- Pharmaceutical Chemistry / M.Pharma Pharmasutics	500	1000	271	1148

M.Pharm-Pharmacology	250	500	219	925
	1600	**5750**	**1422**	**8105**

Subject	Aicte Norms		Available	
	Number of Titles	Number of Volumes	Number of Titles	Number of Volumes
MBA	800	9500	1502	11066
	800	**10300**	**1502**	**11066**

Subject	Aicte Norms		Available	
	Number of Titles	Number of Volumes	Number of Titles	Number of Volumes
MCA	1000	23000	1481	26425
	1000	**23000**	**1481**	**26425**

Course Wise Books Details

S. No.	Course Name	Books Title	Books Volumes
1.	B.Tech / M.Tech	11949	115843
2.	B.Pharm / M. Pharm	1422	8105
3.	MBA	1502	11066
4.	MCA	1481	26425
	Total	16,354	1,61,439

A. Computer Science (B.Tech. 1997)

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Advanced Topic in Data Base Management System
Accounting and Financial Management
Artificial Intelligence & Experts Systems
Artificial Intelligence
Automata and Formal Languages
Business Data Processing
Computer Organization
Computer Programming and Problem Solving

Library Status		
	Number of Titles	Number of Volumes
Aicte Norms	24X50=1200	35X250=8750
Available	**1744**	**17411**

Computer Based Numerical and statistical Techniques
Combinatory and Graph Theory
CAD/CAM
Computer Architecture
Computer Graphics
Computer Communication Systems
Computer based Numerical and Statistical Techniques
Discrete Mathematics
Data Structure
Data Base System
Electrical Engineering
Electronics & Instrumentation
Electrical & Electronic Circuits
Internet Technologies
Industrial Management
Internet Concepts
Linear System Analysis
Logic & Functional Processing
Mathematical Foundation of Computer Science
Multimedia Technology
Marketing Management
Material Science
Microprocessor
Networks and Systems
Operating Systems
Organizational Structure & Personal Management
Programming Language
Quality and Reliability
Software engineering
Simulation and Modeling
Theory of Computation
Theory of Compiler System Software
Theory of Computer
VLSI Design
Windows NT

B. M. Tech Computer Science 2010

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Advanced Topic in Data Base Management System
Accounting and Financial Management
Artificial Intelligence & Experts Systems
Artificial Intelligence
Automata and Formal Languages
Business Data Processing

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	6X50=300	6X100=600
Available	**205**	**1439**

Title as per required

Computer Organization
Computer Programming and Problem Solving
Computer Based Numerical and statistical Techniques
Combinatory and Graph Theory
CAD/CAM
Computer Architecture
Computer Graphics
Computer Communication Systems
Computer based Numerical and Statistical Techniques
Discrete Mathematics
Data Structure
Data Base System
Electrical Engineering
Electronics & Instrumentation
Electrical & Electronic Circuits
Internet Technologies
Industrial Management
Internet Concepts
Linear System Analysis
Logic & Functional Processing
Mathematical Foundation of Computer Science
Multimedia Technology
Marketing Management
Material Science
Microprocessor
Networks and Systems
Operating Systems
Organizational Structure & Personal Management
Programming Language
Quality and Reliability
Software engineering
Simulation and Modeling
Theory of Computation
Theory of Compiler System Software
Theory of Computer
VLSI Design
Windows NT

C. Information Technology (1997)

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	20X50=1000	24X250=6000
Available	**1369**	**12224**

Algorithm
Advanced Internet Concepts
Broadband Communication
Communication Egg.
Communication Technology
Control System Egg.
Computer Graphics
Digital Electronics
Data Communication
Digital Signal Acquisition and Processing
Data Base Management System and Client Server
E-commerce and Business System
Electronic Devices
Information Theory
Internet
Information Technology
Microprocessor
Microprocessor
Networks & Filters
Numerical Computation
Network Programming
Satellite Communication

D. **Electronics & Instrumentation Engg. (2001)**

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Analogue Integrated Circuits
Analytical Instrumentation
Control System
Computer Networks
Communication Technology
Digital Electronics
Digital System
Digital Signal Acquisitions & Processing
Electronics Devices
Electrical Egg.
Egg. Material
Electrical Machines
Electrical Measurements' and Measuring Instruments
Electronic Circuits
Electrical Machines
Electromagnetic Field Theory
Hydraulic and Pneumatic Instrumentation

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	14X50=700	14X250=3500
Available	**1094**	**11208**

Industrial Instrumentation
Microprocessor
Micro-Electronics & IC's
Network Analysis
Numerical Computation
Network Synthesis
Process Control
Power Plant Instrumentation
Solid State devices & Circuits
Switching Theory & Logic Design
Signals and Systems

E. **Electronics & Communication Egg. (2001)**

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Advanced Semiconductor Devices
Analog Circuits Lab
Analog Communication Lab
Analog Communication Systems
Analog Integrated Circuits
Ancient Indian Culture
Antenna & Wave Propagation
Antenna Analysis & Synthesis
Architecture & Applications of Digital Processors
Artificial Neural Networks
Automatic Control System
Bio-Medical Electronics
Biomedical Instrumentation
CAD of Electronics Circuits Lab
Condition Monitoring & Diagnostics
Consumer Electronics
Data Communication Networks
Digital Circuits Lab
Digital Communication
Digital Communication Lab
Digital Image Processing
Digital Integrated Circuits
Digital Signal Processing
Electro Magnetic Interference & Electromagnetic Compatibility
Entrepreneurship Development Programmer
Environment & Ecology
Fundamentals of Power Electronics
Geographic Information System (GIS) Technology & Its Applications
Human Computer Interaction
Human Values
Industrial Economics and Principles of Management
Information Theory and Coding
Intelligent Instrumentation

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	20X50=1000	27X250=6700
Available	**1672**	**18261**

IT in Business
Measurements & Instrumentation
Micro Processor Based Instrumentation System
Microprocessor Lab
Microprocessors
Microwave Engineering
Microwave Engineering & Optical Communication Lab
Multimedia Communications
Non-Conventional Energy Resources
Optical & Mobile Communication
Optical Communication
OPTO Electronics
Power Electronics & Control Lab
Probability Statistics Queuing Model
Quality System & Management
Radar Guidance & Navigation
Reliability & Quality Management
Reliability Engineering
Solar Engineering
Solar Engineering
T.V. & Satellite Communication
Telecommunication Switching
Value Engineering
VLSI Design
VLSI for Telecommunications
VLSI Technology
Wireless Communications

F. **Electrical Engineering. (2013)**

Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Advanced Semiconductor Devices
Analog Circuits Lab
Analog Communication Lab
Environment

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	50X5=250	250X5=1250
Available	**203**	**3155**

G. **Mechanical Egg. (2002)**

Applied Mathematics
Applied Physics
Applied Chemistry

Library Status		
	Number	**Number**

Humanities/ Social Sciences
Professional Communication
Reference Books
Applied Thermodynamics
Data Base System
Eng. Metrology
Electronic Devices & Circuits
Electrical Motors
Electrical Machines
Facility Planning
Fluid Mechanics
Industrial Iridology
Industrial Engineering
Kinematics of Mechanics
Manufacturing Technology
Machine Drawing
Metallurgy & Heat Treatment
Management Information System
Marketing Management
Measurement and Metrology
Material Science
Manufacture Science
Production Technology
Project Management
Quality Control
Strength of Materials
Theory of Machines
Thermal & Power Plant Egg.
Total Quality Management
Value Engineering
Welding Engineering

	of Titles	of Volumes
Aicte Norms	21X50=1050	30X250=7500
Available	**1585**	**19119**

H. Chemical Engineering (1999)

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Advance Separation Techniques
Applied Mechanics
Biochemical Engineering
Catalytic Reactor Design
Chemical Engineering Thermodynamics
Chemical Reaction Engineering-I
Chemical Technology-1 (Organic)
Chemical Technology-II (Inorganic)
Energy Management

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	17X50=850	17X250=4250
Available	**1050**	**9454**

Energy Resources & Utilization
Environment Impact Assessment
Environmental Economics
Environmental Pollution Monitoring and Control
Fertilizer Technology
Fluid Mechanics
Fluid Particle Mechanics
Heat Transfer Operations
Industrial Economics & Principles of Management
Intellectual Property Rights
Machine Deign and Computer Graphics
Mass-Transfer-I
Material Technology
Oil Technology
Optimization Techniques in Chemical Engineering
Petroleum Engineering
Piping Design
Polymer Science and Technology
Process Analysis, Simulation & Computer Aided Design
Process Calculation
Process Dynamics and Control
Process Engineering, Costing & Plant Design
Process Equipment Design
Process Instrumentation
Process Utilities and Safety in Chemical Plant
Project Engineering
Standardization in Chemical Process Industries
Stoichiometry
Surface Coating Technology
Transport Phenomena

I. **Bio-Technology (1999)**

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Advanced Mathematics
Analytical methods in Biotechnology
Animal Tissue Culture
Applied Microbiology
Basic Electronics
Biochemistry
Bioinformatics
Biology of Natural Products

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	20X50=1000	22X250=5500
Available	**1222**	**12664**

Biomedical Engineering
Biophysical Principles of Proteins and nucleic acids
Bioprocess Engineering
Bioreactor Analysis & Design
Bioseparation & Down stream Processing
Biostatistics
Computer & Languages/ Workshop Practice
Data Structure and Algorithms Using C
Electrical Engineering/Mechanical Engineering
Environmental Biotechnology
Enzyme Engineering
Enzyme Technology
Fermentation biotechnology
Fluid Flow and Solid handling
Food Biotechnology/Metabolic Engineering
Genetic Engineering
Genetics and Molecular Biology
Heat Transfer Operations
Immunology & Immunotecnology
Information Technology and Data Management
Introduction to Biology or Elementary Mathematics
IPR, Bioethics and Biosafety
Mass Transfer Operation-I
Physics/chemistry
Plant Tissue Culture
Professional Communication
Protein Engineering
Thermodynamics of Chemical and Biological Systems
Transport Phenomena

J. **M. Tech Biotech (2005)**

Applied Mathematics
Applied Physics
Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Advanced Mathematics
Analytical methods in Biotechnology
Animal Tissue Culture
Applied Microbiology
Basic Electronics
Biochemistry
Bioinformatics
Biology of Natural Products
Biomedical Engineering

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	10X50=500	10X100=1000
Available	**378**	**2235**

Title as per required

Biophysical Principles of Proteins and nucleic acids
Bioprocess Engineering
Bioreactor Analysis & Design
Bioseparation & Down stream Processing
Biostatistics
Computer & Languages/ Workshop Practice
Data Structure and Algorithms Using C
Electrical Engineering/Mechanical Engineering
Environmental Biotechnology
Enzyme Engineering
Enzyme Technology
Fermentation biotechnology
Fluid Flow and Solid handling
Food Biotechnology/Metabolic Engineering
Genetic Engineering
Genetics and Molecular Biology
Heat Transfer Operations
Immunology & Immunotecnology
Information Technology and Data Management
Introduction to Biology or Elementary Mathematics
IPR, Bioethics and Biosafety
Mass Transfer Operation-I
Physics/chemistry
Plant Tissue Culture
Professional Communication
Protein Engineering
Thermodynamics of Chemical and Biological Systems
Transport Phenomena

K. M. Tech Bioinformatics (2010)

Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Analytical methods in Biotechnology
Animal Tissue Culture
Applied Microbiology
Basic Electronics
Biochemistry
Bioinformatics
Biology of Natural Products
Biomedical Engineering
Biophysical Principles of Proteins and nucleic acids
Bioprocess Engineering
Bioreactor Analysis & Design

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	5X50=250	5X100=500
Available	**226**	**955**

Title as per required

Bioseparation & Down stream Processing
Biostatistics
Computer & Languages/ Workshop Practice
Data Structure and Algorithms Using C
Electrical Engineering/Mechanical Engineering
Environmental Biotechnology
Enzyme Engineering
Enzyme Technology
Fermentation biotechnology
Fluid Flow and Solid handling
Food Biotechnology/Metabolic Engineering
Genetic Engineering
Genetics and Molecular Biology
Immunology & Immunotecnology
Information Technology and Data Management
IPR, Bioethics and Biosafety
Mass Transfer Operation-I
Physics/chemistry
Plant Tissue Culture
Professional Communication
Protein Engineering

L. M. Tech Electronics & Communication (2011)

Applied Probability and Stochastic Processes in Engineering and Physical Sciences

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	6X50=300	6X100=600
Available	**185**	**965**

Probability Random Variables and Stochastic Processes — Title as per required

Digital Communication
Principles of Digital Communication
Principles of Digital Communication
Principles of Digital Communication
Principles of Digital Communication and Coding
Optimum Signal Processing
Signal Processing
Adaptive Filters & Equaliser
Communications Satellite Systems
Satellite Communications Technology RDD Engineering
Communication Satellite Handbook

Satellite Communications
Digital Communications: Satellite/Earth Station Engineering
Mobile Communication Engineering
Cellular Mobile Radio Telephones
Microwave Mobile Communication
Introduction to Adaptive Arrays
Adaptive Principles
Data Communication, Computer Network and Open System
Launching Business on the Web
Microwave Measurement
Microwave Theory and Applications
Introduction to Cryptography
Introduction to Cryptography
Informatics Security & Cryptography-ICISC
Understanding Data Communication & Network
Information Security & Cryptography-ICISC
Integrated Optics: Theory and Technology
Non Linear Optics
Electro Optics
Opto Electronics
Fiber Optic Communication
VHDL Primer

L. Civil Engineering (2009)

Applied Mathematics
Applied Physics

Applied Chemistry
Humanities/ Social Sciences
Professional Communication
Reference Books
Egg. Metrology
Electronic Devices & Circuits
Facility Planning
Manufacturing Science
Value Engineering
Welding Engineering
Total Quality Management
Machine Drawing
Metallurgy & Heat Treatment
Machine Design and Computer Graphics
Mass Transfer-I
Material Technology
Piping Design
Polymer Science and Technology
Oil Technology
Optimization Techniques in Chemical Engineering
Fluid Particle Mechanics
Fertilizer Technology
Intellectual Property Rights
Heat Transfer Operations

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	10X50=500	12X250=3000
Available	**892**	**6249**

Process Analysis, Simulation & Computer Aided Design

M. MBA (2004)

Accounting & Financial Analysis
Business Statistics
Communication for Management
Computer Application in Management
Consumer Behavior & Advertising Management
Data Communication & Network
Database Management System
e-Business
Economic Environment of Business
Entrepreneurship, Ethics & Corporate Governance
Financial Management
Industrial Relations & Labour Enactments
International Business and Trade
International Financial Management
Internet & Visual Basic
Legal & Regulatory Framework
Management Accounting
Management Information System
Management of Financial Institutions & Services
Managerial Economics
Managing Human Resource
Marketing Management
Marketing of Services
Negotiation & Counseling
Operations Research
Organizational Behavior
Personal Growth and Training & Development
Production & Operations Management
Research Methodology
Retail Management
Sales & Distribution Management
Security Analysis and Investment Management
Strategic Management
Supply Chain Management
System Analysis & Design and Software Engineering
Tax Panning & Financial Reporting
Team Building & Leadership

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	16X50=800	19X500=9500
Available	**1502**	**11066**

Pharmacy (1999)

Advance Mathematics
Anatomy, Physiology and Path physiology
Clinical Pharmacy & Drug Interactions
Drugs Design
GMP, Quality Assurance &Validation
Hospital Pharmacy
Novel Drug Delivery System
Pharmaceutical Analysis
Pharmaceutical Biotechnology
Pharmaceutical Chemistry
Pharmaceutical Industrial Management
Pharmaceutical Jurisprudence & Ethics
Pharmaceutical Marketing
Pharmaceutical Microbiology
Pharmaceutical Packaging
Pharmaceutics
Pharmacognosy
Pharmacology
Physical Chemistry
Professional Communication
Remedial Mathematics or Remedial Biology
Standardization of Herbal Drugs

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	17X50=850	17X250=4250
Available	**932**	**6032**

Pharmaceutical Chemistry- (2005) / Pharmaceutics (2006)

Modern Analytical Techniques
Pharmaceutical Statistics and Computer Applications
Drug Design
Drug Regulatory Affairs and Intellectual Property Rights
Advanced Organic Chemistry
Advanced Medicinal Chemistry

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	10X50=500	10X100=1000
Available	**271**	**1148**

Synthetic Bulk Drugs
Polymers and Bio-organic Chemistry
Natural Products

Title as per required

Pharmacology 2010

Medical Laboratory Practical and M.C.Q.
Essentials of Pharmacology
Shockley's Drug Interactions
Applied Pharmacokinetics & Pharmacodynamics
Oral Pathology and Oral Medicine
Introduction to Pharmacology
Pharmacology
Pharmacotherapy
Principles of Pharmacology

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	5X50=250	5X100=500
Available	**219**	**925**

Title as per required

MCA (1999) 90 Seats / MCA (2007) 60 Seats / MCA (Second Year Direct) 120 Seat

Important areas of study

Mathematical Foundation of Computer Science
Accounting and Financial Management
Computer Organization
Computer & C Programming
Computer Based Numerical & Statistical Techniques
Combinatory & Graph Theory
Organizational Structure and Personal Management
Data and File Structures Using C
Unix & Shell Programming
Paradigms of Programming
System Analysis & Design
Computer Architecture & Microprocessor
Computer Network
Design and Analysis of Algorithms
Operating System
Database Management Systems
Object Oriented System and C++
Computer based Optimization Techniques
MIS
Modeling and Simulation
Internet & Java Programming
Fundamentals of E-Commerce
Computer Graphics

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	20X50=1000	44X500=22000
Available	**1481**	**26425**

Web Techniques
Software Engineering
Compiler Design
Cryptography and Networks
Data Compression
Client Server
Data Mining & Warehousing
Multimedia Systems
Distributed Database Systems
ERP Systems

Advanced Concepts in Database Systems
Advanced Computer Networks
Real Time System
Principles of User Interface Design
Mobile Computing
Neural Network
Environmental Studies
Professional Communication
Human Value and Professional Ethics
Soft Computing

M. Tech Thermal Engineering (2013)

Conducting Heat Transfer
Heat Transfer
I.C. Engines Theory and Practice Vol.I
I.C. Engines Theory and Practice Vol.II
Fundamentals of I.C. Engine
Principles of Waste Heat Recovery
Energy Conversion
Introduction to Energy Conversion Turbo Machinery
Fluid Mechanics
Elements of Gas Dynamics
Compressible Fluid Flow
Viscous Fluid Flow
Compressible Fluid Flow 1 and 2
Water Power Development
Hydroelectric Handbook
Davis Handbook of Applied Hydraulics
Hydropower Structures
Water Power Engienering
Wind Turbine Technology
Wind Energy Systems
Solar Energy: Principles of Thermal Collection and Storage
Solar Engineering of Thermal Processes
Principles of Solar Engineering
Biomass Regenerable Energy
Renewable Energy Resource
Nuclear Power Engineering
Nuclear Reactors, Engineering

Library Status		
	Number of Titles	**Number of Volumes**
Aicte Norms	4X50=200	4X100=400
Available	**124**	**504**

Nuclear Power Plants
Fundamentals of Nuclear Energy
Fundamentals of Nuclear Energy
Fundamentals of Nuclear Energy
Wind Energy Systems
Principles of Solar Engieering
Solar Engineering
Renewable Energy Source and Conversion
Technology
Solar Thermal Engineering
Solar Engineeirng of Thermal Processes
Design of Thermal Systems
Design and Optimization of Thermal System

Academic **Annexure - A**

ACADEMIC JOURNALS

Quality and Number of Journals:
The library subscribes to 250 National and 36 International Journals. It has obtained mandatory packages for e-journals. We have the best collection of E-Journals/ E-books

Current researches and advances in knowledge are first published in academic journals. To keep abreast of new developments in one's sector of research, one has to supplement his book knowledge by regularly scanning the journals. This is truer in the thrust areas of engineering and technology. As a matter of policy the library has standing subscription arrangements with leading publishers of international journals such as National Institute of Science Communication and Information Resources, NISCAIR, Indian National Science Academy, Indian Academy of Sciences; Indian Pharmaceutical Association; Indian Institute of Chemical Engineers, Biotech Consortium India, Institute of Electronics and Telecommunication Engineers, Computer Society of India, Association of Computing Machinery (NY) American Pharmacists Association (Washington), American Society of Mechanical Engineers (NY) and others. Popular magazines and newspapers are also available for use of members.

E-Journals

E-journals, electronic journals, online journals, e-zones and webzines are interchangeable terms. They have all features of a regular journal we are familiar with since long. Some e-journals might be available in electronic format or they may be an electronic copy of a journal that is available in printernationalSome e-journals give full contents or fewer contents. E-journals are also disseminated on physical media such as CDs or DVDs. E-journals are accessible to subscriber through internet.

The library subscribes E- journals in:
A Engineering Journals for B.Tech. (CS, IT, EC, IE, ME, CH, Civil) & M.Tech. (CS, Digital Communication,Bioinformatics)
B. Biotechnology (UG & PG Cources)
C Pharmacy
D MBA
E MCA

Detailed classification of journals is as under:-

Course	National Journals	International Journals
B.Tech CS	36	
B.Tech IT	6	
B.Tech EC	18	
B.Tech ME	24	
B.Tech CH	6	
B.Tech BT	12	
B.Tech Civil	12	
B.Tech EE	6	
M. Tech CS	10	2
M. Tech BT	5	2
M. Tech DC	5	2
M. Tech Thermal	5	2
D. Phram / B. Pharm	9	3
M. Pharm Pharmaceutics	3	4
M. Pharm Pharmacology	5	3
M. Pharm Pharmaceutical Chemistry	4	2
MCA	36	6
MBA	36	10
PGDM	12	
Total	**250**	**36**

E-Journals Packages

1. World E-Book Library
2. 1- Science
3. National Digital Library
4. NPTEL
5. The Institution of Engineers (India) Life Membership
6. Swayam Prabha – Free DTH Channel for Education

National Journal

Hard Copy

Computer Science

S. No.	Title of the Journal
1.	Journal of Advancements in Library Sciences
2.	Journal of Advanced Database Management & Systems
3.	Journal of Advances in Shell Programming
4.	ICTACT Journal on Image and Video Processing
5.	ICTACT Journal on Soft Computing
6.	Journal of Artificial Intelligence Research & Advances
7.	Journal of Computer Technology & Applications
8.	Journal of Open Source Developments
9.	Recent Trends in Parallel Computing
10.	Research & Reviews : Discrete Mathematical Structures
11.	Recent Trends in Programming Languages
12.	E-Commerce for Future & Trends
13.	Journal of Web Engineering & Technology
14.	Journal of Communication Engineering and Systems
15.	Journal of Computer Technology and Applications
16.	Journal of Multimedia Technology & Recent Advancements
17.	Journal of Mobile Computing, Communications & Mobile Networks
18.	Journal of Software Engineering Tools & Technology Trends
19.	Journal of Operating Systems Development & Trends
20.	Current Trends in Information Technology

21.	**Journal of Network Security**
22.	**International Journal of Information Security and Software Engineering**
23.	**International Journal of Distributed Computing and Technology**
24.	**International Journal of Data Structures**
25.	**International Journal of Software Computing and Testing**
26.	**International Journal of Mobile Computing Devices**
27.	**International Journal of Wireless Network Security**
28.	**International Journal of Algorithms Design and Analysis**
29.	**International Journal of Image Processing and Pattern Recognition**
30.	**International Journal of Computer Science and Programming Language**
31.	**IOSR Journal of Computer Engineering**
32.	**Journal of Computer Networking, Wireless and Mobile Communications**
33.	**Global Journal of Wireless Communication and Simulation**
34.	**Global Journal of Digital Information Technology**
35.	**Global Journal of Information Sciences and Applications**
36.	**Indian Journal of Pure and Applied Physics**
	National - 36

M.Tech CS

S. No.	Title of the Journal
1.	**International Journal of System and Software Engineering**
2.	**Advances in Applied Computational Mechanics and Engineering**
3.	**Journal of Communication Engineering and Systems**
4.	**Journal of Computer Technology and Applications**
5.	**Journal of E-Technology**
6.	**Indian Journal of Computer Graphics and Techniques**
7.	**Indian Journal of Computer Science in Higher Education**
8.	**Indian Journal of Computing and High Speed Networks**
9.	**Indian Journal of Digital Information Technology**
10.	**Indian Journal of Electrical Engineering and Computer Engineering**
	National – 10

S. No.	Title of the Journal
1.	**International Journal of Computer Application**
2.	**International Journal of Information Technology**
	International -2

Information Technology

S. No.	Title of the Journal
1.	**Abhigyan**
2.	**Advances in Computational Intelligence Research**
3.	**Advances in Indian Software Engineering**

4.	**IETE Journal of Research**
5.	**IETE Technical Review**
6.	**Indian Journal of Computer Simulation**
	National -6

Electronics and Communication Engineering

S. No.	Title of the Journal
1.	**Journal of Scientific and Industrial Research**
2.	**Indian Journal of Engineering and Materials Sciences**
3.	**Journal of Communication Engineering and Systems**
4.	**Current Trends in Signal Processing**
5.	**Journal of Advancements in Robotics**
6.	**Journal of Alternate Energy Sources & Technologies**
7.	**Journal of Control & Instumentation**
8.	**ICTACT Journal on Microelectronics**
9.	**ICTACT Journal on Communication Technology**
10.	**IETE Journal of Education**
11.	**Journal of Electronic Design Technology**
12.	**Electronics Maker**
13.	**Journal of Image Processing & Pattern Recognition Progress**
14.	**Journal of Microelectronics and Solid State Devices**
15.	**Journal of Power Electronics & Power Systems**
16.	**Journal of Semiconductor Devices and Circuits**
17.	**Recent Trends in Sensor Research & Technology**
18.	**Journal of Thin Films, Coating Science Technology and Application**
	National – 18

M.Tech – Digital Communication

S. No.	Title of the Journal
1.	**Research & Reviews : A Journal of Embedded System & Applications**
2.	**Trends in Opto-Electro & Optical Communication**
3.	**International Journal of Electrical Communication Engineering**
4.	**Trends in Electrical Engineering**
5.	**Journal of VLSI Design Tools and Technology**
	National – 5

S. No.	Title of the Journal
1.	**International Journal of Electronics**
2.	**International Journal of Advances in Electronics Systems**

	International - 2

Electrical Engineering

S. No.	Title of the Journal
1.	**International Journal of Broadband Cellular Communication**
2.	**International Journal of Automatic Control System**
3.	**International Journal of Analysis of Electrical Machines**
4.	**International Journal of Analog Integrated Circuits**
5.	**International Journal of Radio Frequency Design**
6.	**International Journal of Electrical Machines & Drives**
	National – 6

Mechanical Engineering

S. No.	Title of the Journal
1.	**Recent Trends in Mechanical Engineering & Technology**
2.	**Indian Journal of Engineering and Material Sciences**
3.	**Journal of Experimental & Applied Mechanics**
4.	**Journal of Mechatronics and Automation**
5.	**Trends in Machine Design**
6.	**Journal of Automobile Engineering and Applications**
7.	**International Journal of Thermal Energy and Applications**
8.	**Journal of NanoScience, NanoEngineering & Applications**
9.	**International Journal of Industrial Engineering and Design**
10.	**International Journal of Manufacturing and Material Processing**
11.	**International Journal of Mechanical Handling and Automation**
12.	**International Journal of Pollution and Noise Control**
13.	**International Journal of Mechanics and Design**
14.	**International Journal of Computer Aided Manufacturing**
15.	**International Journal of I. C. Engines and Gas Turbines**
16.	**International Journal of Robotics and Automation**
17.	**Mechanical Engineering Insight**
18.	**Journal of Air Conditioning and Refrigeration**
19.	**Indian Journal of Heat and Mass Transfer**
20.	**Indian Journal of Mechanics Structural**
21.	**Indian Journal of Engineering and Manufacturing Science**
22.	**Indian Journal of Manufacturing Systems Research**
23.	**Indian Journal of Nanomaterials**
24.	**International Journal of Fluids Engineering**
	National – 24

M. Tech. - Thermal Engineering

S. No.	Title of the Journal
1.	**International Journal of Power and Energy Systems**
2.	**Journal of Energy, Environment and Carbon Credits**

3.	**Journal of Materials and Metallurgical Engineering**
4.	**International Journal of Advanced Manufacturing Technology**
5.	**Journal of Mechanical Science and Technology**
	National – 5

S. No.	Title of the Journal
1.	**International Journal of Machine Tools and Maintenance Engineering**
2.	**International Journal of Machanics and Thermodynamics**
	International -2

Chemical Engineering

S. No.	Title of the Journal
1.	**Journal of Modern Chemistry and Chemical Technology**
2.	**Journal of Petroleum Engineering & Technology**
3.	**Emerging Trends in Chemical Engineering**
4.	**International Journal of Chemical Separation Technology**
5.	**International Journal of Photochemistry**
6.	**Indian Journal of Chemical Technology**
	National – 6

Biotechnology Engineering

S. No.	Title of the Journal
1.	**International Journal of Cell Biology and Cellular Processes**
2.	**International Journal of Molecular Biotechnology**
3.	**Indian Journal of Biotechnology**
4.	**International Journal of Biochemistry and Biomolecules**
5.	**International Journal of Computtional Biology and Bioinformatics**
6.	**International Journal of Genetic Engineering and Recombination**
7.	**International Journal of Animal Biotechnology and Applications**
8.	**International Journal of Plant Biotechnology**
9.	**International Journal of Industrial Biotechnology and Biomaterials**
10.	**Resaerch & Reviews : A Journal of Biotechnology**
11.	**Research & Reviews : A Journal of Immunology**
12.	**Indian Journal of Natural Products and Resources**
	National -12

M.Tech. Biotechnology

S. No.	Title of the Journal
1.	**Indian Journal of Plant Physiology**
2.	**Journal of Biosciences**

3.	**Journal of Intellectual Property Rights**
4.	**Journal of Cell Tissue Research**
	National -5

S. No.	Title of the Journal
1.	**Nano Trends – A Journal of Nano Technology & Its Applications**
2.	**Research and Review : A Journal of Microbiology and Virology**
	International -2

Civil Engineering

S. No.	Title of the Journal
1.	**Journal of Remote Sensing and GIS**
2.	**Journal of Construction Engineering, Technology and Management**
3.	**Recent Trends in Civil Engineering and Technology**
4.	**Journal of Transport Engineering and Applications**
5.	**Journal of Geotechnical Engineering**
6.	**International Journal of Water Resource Engineering Management**
7.	**Journal of Structural Engineering and Management**
8.	**Journal of Offshore Structure and Technology**
9.	**Journal of Water Pollution and Purification Research**
10.	**OmniScience – A Multi-disciplinary Journal**
11.	**International Journal of Concrete Technology**
12.	**International Journal of Modern Development in Civil Engineering**
	National – 12

D. Pharm / B.Pharm- National Journals

S. No.	Title of the Journal
1.	**Indian Journal of Hospital Pharmacy**
2.	**Indian Journal of Experimental Biology**
3.	**Indian Drugs**
4.	**Current Trends in Biotechnology and Pharmacy**
5.	**Medicinal and Aromatic Plants Abstracts**
6.	**Indian Journal of Chemistry Section –A**
7.	**Indian Journal of Chemistry Section –B**
8.	**CIMS**
9.	**MIMS**
	National -9

S. No.	Title of the Journal

1.	**Journal of Applied Pharmacy**
2.	**International Journal of Pharmaceutical Sciences and Nanotechnology**
3.	**Asian Journal of Pharmaceutics**
	International –3

M.Pharm - Pharmaceutical Chemistry
National Journals

S. No.	Title of the Journals
1.	**Journal of Scientific and Industrial Research**
2.	**Indian Journal of Natural Product and Resources**
3.	**Indian Journal of Biochemistry and Biophysics**
4.	**Asian Journal of Chemistry**
	National - 4

S. No.	Title of the Journals
1.	**Current Medicinal Chemistry**
2.	**Journal of Medicinal Chemistry**
	International -2

M.Pharm Pharmaceutics
National Journals

S. No.	Title of the Journal
1.	**Indian Journal of Pharmaceutical Educational and Research**
2.	**Indian Journal of Traditional Knowledge**
3.	**Asian Journal of Pharmaceutics**
	National - 3

M.Pharm Pharmaceutics
International Journals

S. No.	Title of the Journal
1.	International Journal of Pharmaceutical Sciences and Nanotechnology
2.	International Journal of Pharmaceutical Research
3.	International Journal of Green Pharmacy
4.	European Journal of Pharmaceutics and Biopharmaceutics
	International - 4

M.Pharm-Pharmacology
National Journals

S. No.	Title of the Journal
1.	Indian Journal of Pharmaceutical Research
2.	Indian Journal of Physiology and Pharmacology
3.	The Pharmacologist
4.	Indian Journal of Pharmaceutical Science
5.	Indian Journal of Pharmacology
	National – 5

S. No.	Title of the Journal
1.	International Journal of Pharmacy and Drug Research Technology
2.	International Journal of Pharmacological Science and Education Research
3.	International Journal of Pharmacology and Technology
	International -3

MCA

S. No.	Title of the Journal
1.	Indian Journal of Mathematical Modelling and Applied Computing
2.	Indian Journal of Mobile Communication and Networks
3.	Indian Journal of Modern Software Engineering
4.	Indian Journal of Networks and Applications
5.	Indian Journal of Neural Networks and Techniques
6.	Indian Journal of Operations Management and Information Technology
7.	Indian Journal of Secure Internet and Computer Security
8.	Indian Journal of Semiconductor Science and Technology
9.	Indian Journal of Simulation and Wireless Communication
10.	Indian Journal of Soft Computing Processing and Technique
11.	Indian Journal of Data Mining and Emerging Technologies
12.	University News

13.	**Journal of Multimedia Processing and Technologies**
14.	**Journal of Artificial Intelligence Research and Advances**
15.	**Journal of Computer Technology and Applications**
16.	**Advances in Computational Sciences and Technology**
17.	**Current Trends in Information Technology**
18.	**DESIDOC Journal of Library and Information Technology**
19.	**Annals of Library and Information Studies**
20.	**Journal of Network Security**
21.	**Research and Reviews : A Journal of Embedded System and Applications**
22.	**Recent Trends in Parallel Computing**
23.	**Journal of Advanced Database Management & Systems**
24.	**Journal of Open Source Developments**
25.	**Journal of Web Engineering and Technology**
26.	**Journal of Artificial Intelligence Research & Advances**
27.	**Journal of Image Processing and Pattern Recognition Progress**
28.	**E-Commerce For Future and Trends**
29.	**Journal of Advances in Shell Programming**
30.	**Research and Reviews : Discrete Mathematical Structures**
31.	**Recent Trends in Programming Language**
32.	**Journal of Multimedia Technology and Recent Advancements**
33.	**Journal of Mobile Computing, Communications and Mobile Networks**
34.	**Journal of Software Engineering Tools and Technology Trends**
35.	**Journal of Operating Systems Development and Trends**
36.	**International Journal of Information Studies**
	National - 36

S. No.	Title of the Journal
1.	**Recent Trends in Parallel Computing**
2.	**Indian Journal of Modern Scientific Computing**
3.	**International Journal of Software Engineering**
4.	**International Journal of Data Mining and Data Warehouse**
5.	**International Journal of Embedded Systems, Robotics and Computer Engineering**
6.	**Journal of Internet Research**

MBA

S.No.	Title
1.	**Dalal Street**
2.	**Asian Journal of Management Case**
3.	**Human Capital**
4.	**ICTACT Journal of Management Studies**
5.	**Journal of Kautilya Strategic Management**
6.	**Journal of Organizational Behaviour Management**
7.	**Journal of Corporate & Business Laws**
8.	**Journal of Disaster and Business Continuity Management**
9.	**Journal of Financial Planning and Management**
10.	**Journal of Human Resource Management & Development**

11.	**Indian Management**
12.	**Journal of Management Research**
13.	**Journal of Performance Management & Retention Strategies**
14.	**Journal of Global Marketing**
15.	**Journal of Advertising Research and Management**
16.	**Journal of Consumer Behavior & Market Research**
17.	**Journal of Supply Chain and Logistics Management**
18.	**Journal of Operations Research and Management**
19.	**Journal of Entrepreneurship Planning, Development and Management**
20.	**Journal of Management Information Systems**
21.	**Current Reviews : Business Ethics, Ethos and CSR**
22.	**Review of Market Integration**
23.	**South Asian Journal of Business and Management Cases**
24.	**South Asia Economic Journal**
25.	**The Journal of Entrepreneurship**
26.	**Vikalpa : The Journal of Decision Makers**
27.	**International Journal of Retail Management**
28.	**International Journal of Marketing Management and Research**
29.	**Capital Market / Capital Plus**
30.	**Opus : HR Journal**
31.	**Asia Pacific Journal of Management Research & Innovation**
32.	**Insurance Journal**
33.	**Abhigyan : The Management Journal of Fore**
34.	**JK Journal of Management and Technology**
35.	**Paradigm**
36.	**South Asian Journal of Human Resources**
	National - 36

S.No.	Title
1.	**IIM Kozhikode Society of Management Review**
2.	**Journal of Education for Sustainable Development**
3.	**Journal of Entrepreneurship and Innovation in Emerging Economics**
4.	**Journal of Development Policy and Practice**
5.	**Journal of Creative Communication**
6.	**Business Perspective and Research**
7.	**International Journal of Applied Marketing**
8.	**Jindal Journal of Business Research**
9.	**International Journal of Rural Management**
10.	**South Asian Journal of Macroeconomics & Public Finance**
	International - 10

PGDM

S.No.	Title
1.	**Bloomberg Business Week**

2.	**Decision**
3.	**Journal of Indian Management and Strategy**
4.	**Artha Suchi**
5.	**Indian Economic Review**
6.	**Asia Pacific Development**
7.	**Journal of Hospitability Application and Research**
8.	**Journal of Insurance and Risk Management**
9.	**Pacific Business Review**
10.	**Journal of Micro Economics**
11.	**International of Marketing and Finance**
12.	**International Journal of Marketing and Trade Policy**
	National - 12