

LIBRARY

VISION

To support the transformation amongst students to excel in their professional domain by providing efficient and user – friendly access to learning resources at a single point

MISSION

To develop passion to each and every student to read and share by providing a conducive environment in the fast changing technological eco-system

About



The college has an exclusive building for central library with all amenities. Library has a collection of 27,012 volumes of recent and relevant technical books that covers all engineering topics narrated by authors of national and international repute. The books are classified according to the Dewey Decimal Classification system. Open access system is followed in the library. Before commencement of academic year, a circular will be given to all departments for book requirements. Based on the requirement of subject handling faculty and approved by head of the department, books are purchased properly during the academic year with the approval of Library Advisory Committee. New arrivals are updated in the library database for easy accessibility of students. The number of copies and titles are increased in each academic year as recommended by Anna University and AICTE.

A full range of service is provided in the Library, including reference, request scan and photocopy of materials, access to e-journals and browsing internet. To enhance the quality of learning and to reinforce research drive amongst the students, college subscribes National, International Journals and outstanding on line Journals.. Competent teachers instill in the young minds the habit of reading all the dailies and magazines which transform the students into scholars.

Owing to the advent of technology and speed of process in the library system, all the functions are automated. Catalogue (**OPAC**) of the holdings is available for online access through web. For handling thousands of books and journals periodically, library automation has been evolved from the beginning. The books are classified according to Dewey Decimal Classification system. Open access system is followed in the library. The library has been actively conducting NPTEL Video courses for students. It has also made DELNET - Institution Membership, National Digital Library and Inter Library loan available for the students.

To inculcate the book reading habits among our students and to enrich the technical knowledge by utilizing text books and reference books, an exclusive Library Hour is included in the class time tables for all the years.



FACULTY

S.No	Staff Name	Qualification	Designation
1.	Dr. K.Sudha	M.Com., M.L.I.Sc., M.Phil., Ph.D.	Librarian
2.	Ms.M.Amutha	D.T.Ed. M.A., M.L.I.Sc. P.G.D.C.A.,	Assistant Librarian
3.	Mr. C.Velmurugan	D.T.Ed., M.Sc. , B.Ed.,	Library Assistant

LIBRARY BOOK DETAILS

Total Number of Volumes : 27012

Total Number of Titles : 6441

Volumes and Titles Available -Department wise
(from July 2011 to June 2022)

S. No	Programme Wise	No. of Titles	No of Volumes
UG (B.E.)			
1	Automobile Engineering	604	3050
2	Civil Engineering	745	4150
3	Computer Sc. and Engg.	750	3200
4	Electronics & Commn. Engg.	910	4100
5	Electrical & Electronics Engg. (started from 2013)	520	2500
6	Mechanical Engineering	910	4103
7	Computer Science and Business System (New Course)	100	500
8	Artificial Intelligence and Data Science (New Course)	100	501
	➤ Science & Humanities	946	2500
	➤ General/Reference	391	673
PG(M.E.)			
1.	ME-Communication Engg.	225	875
2.	ME-Thermal Engg.	240	860
	Total	6441	27012

LIBRARY BOOK DETAILS (As per Norms)

AICTE/UGC Norms

Required and Available Volumes and Titles

S.No	Branches	Required Titles	Available Titles	Required Volumes	Available Volumes
1	Automobile	600	604	3000	3050
2.	Civil (Add.In)	700	745	3500	4150
3.	CSE	600	750	3000	3200
4	ECE(Ad+ME)	975	1135	4650	4975
5	EEE (start from 2013)	500	520	2500	2500
6	Mechanical (Ad+ME)	975	1150	4650	4963
7.	Computer Science & Business System (New Course)	100	100	500	500
8.	Artificial Intelligence & Data Science (New Course)	100	100	500	501
	➤ Science & Humanities	-	946	1000	2500
	➤ General/Reference	-	391		673
	Total	4550	6441	23,300	27,012

Required Volumes: 23,300
Available Volumes: 27,012

YEARLY INCREMENT OF BOOKS

Academic Year	Book Accession No.	Book Volumes (Academic year wise)
2021-2022 (July 2021 to June 2022)	25706-27012	1307
2020-2021(July 2020 to June 2021)	24342-25705	1364
2019-2020 (July 2019 to June 2020)	22688-24341	1654
2018-2019 (July 2018 to June 2019)	20949-22687	1739
2017-2018 (July 2017 to June 2018)	19149-20948	1800
2016-2017 (July 2016 to June 2017)	17059-19148	2090
2015-2016(July 2015 to June 2016)	15119-17058	1940
2014-2015 (July 2014 to June 2015)	12721-15118	2398
2013-2014 (July 2013 to June 2014)	8146-12720	4575
2012-2013 (July 2012 to June 2013)	3967-8145	4179
2011-2012 (July 2011 to June 2012)	1-3966	3966
Total No. of Volumes		27,012

JOURNALS

Total Number of Journals: 130

Journals :

S.No	Name of the Course	No. of Journals	
		National	International
UG			
1.	Auto	06	06
2.	Mechanical	06	06
3.	CSE	06	06
4.	Civil	06	06
5.	ECE	06	06
6.	EEE	06	06
7.	Artificial Intelligence and Data Science	06	06
8.	Computer Science and Business System	06	06
9.	S&H	10	-
PG			
1.	ME-Thermal	06	06
2.	ME-Communication System	06	06
	Total	70	60

e- Journals:

S.No	e.Journal Publisher	Total No of Journals	Name of the relevant courses
1.	DELNET	400	Engineering (All aspects)
2.	INVENTI	20	ECE &Auto
3.	MANTECH	15	Civil, ECE, EEE and Mechanical
4.	MAT &STM	09	Civil, EEE and Mechanical

List of Journals

International Journal list (UG) -2022

Civil

S. No	Name of the Journals	Issues	Vendors
1.	International Journal of Advances in Civil Engineering	2	Serials
2.	International Journal of Civil Engineering	2	Serials
3.	International Journal of Civil Engineering and Construction Technology	2	Serials
4.	International Journal of Environmental Pollution Control and Management	2	Serials
5.	International Journal of Civil Engineering and Technology Research	2	Research India pubn.
6.	International Journal of Surveying and Structural Engineering	2	Research India pubn.

COMPUTER SCIENCE & ENGINEERING

S. No	Name of the Journals	Issues	Vendors
7	International Journal of Data Analysis and Information system (IJDAIS)	2	Serials
8	International Journal of Embedded Software and Open source System(IJESOS)	2	Serials publication
9	International Journal of Energy Systems Computers and Control	2	Serials publication
10	International Journal of Grid Computing and Multi Agent System (GCMAS)	2	Serials publication
11	International Journal of Network and Mobile Technologies(IJNMT)	2	Serials publication
12	International Journal of Wireless Communications and Networking	2	Serials publication

Electronics and Communication Engineering

S. No	Name of the Journals	Issues	Vendors
13	International Journal of Advances VLSI Design	2	Serials
14	International Journal of Analogue Circuits VLSI And Bioelectronics	2	Serials
15	International Journal of Embedded System and Computer Engineering (IJESCE)	2	Serials
16	International Journal on Information & Communication Technologies	2	Serials
17	International Journal of Aerospace & Electronics Systems	2	Serials
18	International Journal of Micro and Nano Electronics Circuits and Systems	2	Serials

Electrical and Electronics Engineering

S. No	Name of the Journals	Issues	Vendors
19	International Journal of Electrical Energy System (IJEES)	2	Serials Publication
20	International Journal of Electrical Engineering and Embedded Systems (IJEES)	2	Serials publication
21	International Journal of Electric Power systems & Energy Conversion	2	Serials publication
22	International Journal of Power Electronics and Technology	2	Serials publication
23	International Journal of Power System and Power Electronics	2	Serials publication
24	International Journal of VLSI Design	2	Serials

Mechanical & Automobile Engineering

S. No	Name of the Journals	Issues	Vendors
25	International Journal of Advanced Manufacturing Systems	2	Serials Publication
26	International Journal of Advances in Machining and Forming Operations	2	Serials publication
27	International Journal of Advances in Mechanical Engineering	2	Serials publication
28	International Journal of Materials Manufacturing and Optimization (IJMMO)	2	Serials publication
29	International Journal of Mechanical Engineering	2	Serials publication
30	International Journal of Mechanical Engineering and Materials sciences	2	Serials publication
31	International Journal of Nanoscience, Nanoengineering and Nanotechnology	2	Serials publication
32	International Journal of Product Design	2	Serials publication
33	International Journal of Fluid Mechanics	2	Serials publication
34	International Journal of Materials Research ,Electronics and Electrical system	2	Serials publication
35	International Journal of Nanosystems	2	Serials publication
36	International Journal of Surface Science & Engineering	2	Serials publication

Journal List - International

ME -Thermal Engineering-2022

S. No	Journal Name	Issues	Vendors
1	International Journal of Thermal Energy and Applications	2	STM
2	International Journal of Thermal Engg. & Technology	2	Global Research
3	International Journal of Mechanics and Thermodynamics	2	RIP
4	International Journal of Mechanical Engineering and Research	2	RIP
5	International Journal of Advanced in Thermal Sciences and Engineering	2	Serials
6.	International Journal of Thermodynamics and Chemical Kinetics	2	STM

ME –Communication and Engineering

S. No	Journal Name	Issues	Vendors
1.	International Journal of Wireless Networks and Communications	2	RIP
2.	International Journal of Industrial Electronics and Control	2	RIP
3.	International Journal of Wireless Communication and Simulation	2	RIP
4.	International Journal of Communication Engg. and Technology	2	RIP
5.	Global Journal of Electronic and Communication Research	2	RIP
6.	International Journal of Satellite Communication and Remote Sensing	2	STM

_ National Journals for the year 2022

Sl.No	Name of the Journal	Issues	Vendors
Automobile Engineering			
01.	Journal of Automobile Engineering and Applications	3	STM
02.	Journal of Refrigeration, Air conditioning, Heating and Ventilation	3	STM
03.	Inventi Impact: Auto	4	INVENTI
04	Journal of Automation and Automobile Engg.	3	MAT
05	Journal of Automotive Engineering & Technology	3	Man-Tech
06	Inventi Impact: Vehicular Technology	4	Inventi
Civil Engineering			
01.	Inventi impact-Civil Engineering	4	Inventi
02	Inventi Impact structure and design	4	Inventi
03.	Journal of Research in Civil and Architecture	3	Mantech
04.	Journal of Civil and Construction Engineering	3	MAT
05.	Journal of Remote Sensing, Environmental Sc. and Geotechnical Engg.	3	Mantech
06.	Indian Concrete INST. Journal	4	Mother India
Computer Science and Engineering (CSE)			
01.	Journal of Research in Computer Science and Engg.	3	Mantech
02.	Journal of Internet of Things and Information Technology	3	Mantech
03.	Journal of Software Engg. and Software Testing	3	Mantech
04.	Journal Android, IOS Development & Testing	3	Mantech
05.	Journal of Computer Programming and Multimedia	2	Mantech
06.	Inventi Impact: Software Engineering	4	Inventi

Electronics and Communication Engineering(ECE)			
01.	Inventi Impact: Signal Processing	4	Inventi
02	IETE Journal of Research	6	Inventi
03	ICFAI Journal of Telecommunication	6	Inventi
04	Journal of VLSI Design Tools and Technology	3	Man-Tech
05	Inventi impact Electronic Components	4	Inventi
06	Inventi impact Wireless communication and Networking	4	Inventi
Electrical and Electronic Engineering(EEE)			
01.	Journal of Electrical and Power system Engineering	3	MAT
02	Journal of Renewable Energy and Resources	3	Man Tech
03.	Journal of Research in Electrical Circuits and Systems	3	Man Tech
04.	Journal of Research in Instrumentation and Control	3	Man Tech
05.	Journal of Current Trends in Electrical Engg.	3	Man-tech
06.	Inventi Impact: Energy and Power	4	Inventi
Mechanical Engineering			
01.	Journal of Product Design, Quality Engineering and Technology	3	Man-Tech
02	Inventi Impact-Mechanical Engg.	4	Inventi
03.	Journal of Research in Mechanical Engg. and	3	Mantech
04.	IUP (ICFAI) Journal of Mechanical Engg.	4	Mother India
05.	Journal of Mechanical and Mechanics Engg.	3	MAT
06.	Jl. of Material science and Manufacturing Engg	3	Man-Tech

ME -Thermal Engineering-2022

Journal : National

S.No	Journal Name	Issues	Vendors
1.	Journal of Thermal Energy Systems	3	MAT
2.	Inventi Impact: Solar	4	Inventi
3.	Journal of Thermal Engineering & Technology	2	Man-Tech
4.	Indian Journal of Heat and Mass Transfer	2	GRP
5.	International Journal of I.C Engines and Gas Turbines	2	STM
6.	Journal of Modern Thermodynamics in Mechanical System	3	MAT

ME –Communication and Engineering

Journal : National

S.No	Journal Name	Issues	Vendors
1.	Indian Journal of Digital Electronic Technologies	2	RIP
2.	Advances in Wireless and Mobile Communications	2	RIP
3.	Journal of Electronics and Optical Communication Engg.	2	Man-Tech
4.	Journal of Advances in Communication Engineering and its Innovations	3	Man-Tech
5.	Journal of Image and Signal Processing	3	Man Tech
6.	Journal of Remote sensing GIS and Technology	3	MAT

Science & Humanities

Journals-2022

S.No	Journal Name	Periodicity (per year)	Vendor
1.	Journal of Research in Applied Chemistry	2 issues	MAN TECH
2.	Journal of Engineering Mathematics and Statistics	2 issues	MAN TECH
3.	Journal of Research in Physics and Applied Sciences	2 issues	MAN TECH
4.	The IUP Journal of English Studies	4 issues	SRD Solutions
5.	International Journal of Linguistics, Literature and Culture	6 issues	Akinik
6.	National Journal of Multidisciplinary Research and Development	4 issues	Akinik
7.	Inventi impact: Bioinformatics	4 issues	Inventi
8.	Patent Journal: Environmental Engg.	4 issues	Inventi
9.	Current Science	24 issues	Indian Academy of Sciences
10.	Resonance	12 issues	Indian Academy of Sciences

Magazines-2022

S.No	Magazine Name	Periodicity (per year)	Vendor
1.	Autocar India	14	Haymarket SAC pub.
2.	Eletronics for You	12	EFY Enterprises
3.	Open Source for You	12	EFY Enterprises
4.	Sri Ramakrishna Vijayam (Tamil)	12	Sri Ramakrishna Math
5.	Anbu Neri (Tamil)	12	Anbu Neri Trust
6.	Corporate Citizen	12	Corporate Citizen

E.RESOURCES

Learning Resources (Soft) E-Resources <ul style="list-style-type: none"> • E-Journals • E-Books 	444 No. 10,839 No.
AUTOLIB Software	Updated the recent version of AUTOLIB– Integrated Library Management Software-Web Based Software –Multiuser-Advanced Edition (version- 8.1)- 21 Modules.
NPTEL Video Streaming Software	Content Management System and Video Streaming Software are available for NPTEL Resources in College LAN. (4TB HDD)
Digital Library Services	Digital Library facilities were provided in the Library where students can access all kinds of e-sources.
Availability of Intranet/Internet	Yes. Internet browsing facilities are available in the library. Students can access e.Books/e.Journals using internet in the Library.
Video courses online & Institutional Membership	<ul style="list-style-type: none"> • NPTEL-http://nptel.iitm.ac.in/ • National Digital Library (Institutional Registration ID: INTNNC5O2RGXCAE) • DELNET (Institutional Membership No: IM-7078)

LIBRARY INFRASTRUCTURE

Infrastructure	Details
Carpet Area of Library (in Sq.feet)	12,226 Sq. Feet
Number of seats in Reading Space	150
Number of Users per day	100-150
Timings: <ul style="list-style-type: none">• On Working Days• During Examination• During Vacation	8.30 am to 7.00 pm 8.30 am to 7.00 pm 8.30 am to 7.00 pm
Number of Library Staff	03
Library Management Software (ILMS)	AUTOLIB software is used for web online public access catalogue (OPAC searches), Book issue/return records, Gate entry records and all library housekeeping activities.
Availability of Bar-coding facilities	Yes. Barcode Technology is followed for Circulation and Library Gate Entries.

INSTITUTION MEMBERSHIP

For downloading e. materials (e.journals, e.books etc), Institution has membership with the following Networks.

S.No		URL
1.	DELNET	www.delnet.nic.in (Remote Access)
2.	NATIONAL DIGITAL LIBRARY	ndl.iitkgp.ac.in

Special Services/Facilities offered

1. Separate building for library with **12,226 Sq.feet**
2. Library equipped with **CCTV Cameras**
3. Library Enriched with **vast and useful collections**. Journals, General Reference Materials, Technical Magazines, Newspapers and CDs-DVDs are available for reference.
4. **Open Access System** is followed in the Library.
5. **Dewey Decimal Classification** System is followed for classification of Books.
6. Web Online Public Access Catalogue (**OPAC**) for searching the availability of library resources.
7. **Book Bank** facilities available.
8. **Photocopying** facilities available.
9. **Scanner and Printer** facilities available.
10. Documents are fully **Bar-coded** and Barcode Technology is followed for Circulation and Library Gate Entries.
11. **Digital Library** is available with 10 computers to access all e-resources. (e-journals, e-books etc.) Also 6 computers are available for library housekeeping activities.
12. **Internet** browsing facilities are available in the library.
13. **AUTOLIB software** is used for all library transactions.

14. Institution has membership with National Digital Library and DELNET for downloading the e-materials.
15. **Back Volumes Section:** Back volumes of journals have been neatly bounded and categorized for reference.
16. **Inter-Library Loan** facilities available.
17. **News Paper Clipping Services:** Notice Board is occupied at the entrance of the library and importance news cuttings were displayed at regular intervals.
18. **Question Papers:** Previous year Anna University Examination question papers have been segregated and categorized for students' reference.
19. Display of New Arrivals & Periodicals.
20. Faculty Publications and Research Papers are available for reference.
21. **Motivation:** Regular library users are appreciated with prizes during the Librarians' Day celebrations.

Inter Library Loan Facilities:

The institute has registered itself on DELNET that provides Inter Library Loan and Document Delivery Services. ILL requests can be registered in online for books. The resources are not available in the Union Catalogues and Journal Articles, requests can be sent to DELNET through e-mail.

Students Accessibility & Support for Self Learning

Remote Access:

- 1.DELNET
- 2.NDL (National Digital Library)
- 3.OPAC (Online Public Access Catalogue)

1. DELNET:

DELNET provides access to more than 3 crore catalogue records of books, journals articles etc. through Discovery Portal and also more than one crore and fifty lakh full-text e-books, e-journals & e-articles through Knowledge Gainer Portal. Through DELNET we access 400 online Journals for Engineering and Technology and also 10852 e-books in 705 categories.

URL: www.delnet.nic.in

2. National Digital Library:

NDL is a project to develop a framework of virtual repository of learning resources with a single-window search facility. Filtered and federated searching is employed to facilitate focused searching so that learners can find out the right resource with least effort and in minimum time. The Institution has membership in National Digital Library. Students can download the e-materials (e-journals, e-books etc) through the NDL URL.

URL: ndl.iitkgp.ac.in

Items hosted in NDL

E-Journals Articles	: 3,91,45,165 items
Audio Lecture	: 3,624 items
E-Book	: 67,92,918 items
Question Paper	: 37,663 items
Thesis	: 7,40,635 items
Video Lecture	: 4,47,652 items

3. Online Public Access Catalogue (OPAC)

Web Online Public Access Catalogue (OPAC) is used for searching the availability of library resources and also students can easily access their needed materials and downloaded the previous year's question papers through the e-sources of OPAC by clicking the e-portal. This portal supports to the students for their self learning activities. Through this portal students can also search the following e-sources.

- Sites for free online Education
- Link for e-Books (General and Subject)
- Link for E-Journals (General and Subject)
- Link for Study Materials (Government Examination)
- Placement Material Drive Links

Autolib Software:

URL (online search) : 10.10.4.102:8080/AutoLib

OPAC Search:

User ID : WebOpac
Password : WebOpac

Support in Pandemic Period :

During the Pandemic period we have supported to students for their self learning activities. We have collected information about the student's requirements.

Action Taken:

- We have collected the residential address of students from the mentors and text books were delivered to their home with the help of teaching and non-teaching staff.
- The soft copy of the materials downloaded and sent it to the students through mail ID.

LIBRARY SECTIONS

Acquisition /Technical Section

- The books demanded by different departments are purchased and processed in this section.

Book Bank Section

- Under the Book Bank scheme, students are entitled to borrow maximum 5 text books at a time for a period of one semester. Students are served on first-come first serve basis.

Circulation section

- This section is in charge of Circulation of library materials. It oversees the general reading area as well as the open access collection. Registration of users, borrowing and returning of books

and other materials are carried out at this section. The Librarian and Library Assistants are always around to assist you with all of these activities.

Stack Section

- All the Books are arranged on the racks in stack as per the Dewey Decimal Classification Scheme.

Periodical Section

- The Periodical section contains current issues of both foreign and local journals, magazines and newspapers.

Reference Section:

- Separate section for reference and its consists of Encyclopedias, Dictionaries, Yearbooks, General Knowledge, Aptitude, Gate, competitive examinations books like CAT, MAT, CSAT, TANCET, TNPSC, UGC-NET/JRF/SET, Banking and Civil service examinations.

Back Volume Section:

- Back volumes of Journals have been neatly bounded and categorized for reference

Digital Library:

- Digital Library is available with 10 computers to access all e-resources. (e-journals, e-books etc.) Also 6 computers are available for library housekeeping activities.

- **More than 1000 audio-visual resources** on Aptitude and General Knowledge.
- AUTOLIB software is used for all library transactions.

Lending and Borrowing of Books

S.No	Designation	No. of Books	Period of Loan
1.	Faculty	10 Books	03 Month
2.	Non-Teaching Staff	2 Books	1 Month
3.	P.G. Students	5 Books	15 Days
4.	U.G. Students	3 Books	15 Days
5.	Book Bank Members (SC/ST)	6 Books	6 Months

Issue and Return of Books

1. Only one renewal can be done and books need to be physically presented for renewals.
2. Reference books, Periodicals and copies of University examination question papers will not be lent.
3. When books are issued, students should check the pages of the issued books and if pages are found missing, they should report the same to the Librarian before leaving the Counter. While returning the books, if the pages are found missing, then the last borrower of the book shall be held accountable for the missing pages and shall accordingly be fined.
4. The Librarian may recall any book at any time even if the normal period of loan has not expired.

5. Absence to the college will not be permitted as an excuse for delay in returning the books.

Overdue Charges:

For default of return of books on the due date, a fine of Rs.2/- per day/per book will be levied.

Loss of Books:

Loss of books should be reported to the Librarian immediately in writing and the member should either replace it with another good copy of same edition or pay twice the cost of the book in addition to overdue charges.

No Due Clearance:

Final year students must return the library books before the issue of Hall Tickets and get the '**No dues certificate**' from the library. Rest of the students shall surrender all their books after the theory examinations. 'No Dues certificate' must be obtained by a student, before he/she leaves the college.

SUGGESTION

Members may suggest in writing to the Librarian about the purchase of any textbooks or reference books, which may or may not be available in the library or the books for which the number of copies may not be sufficient.

Guidelines to the users

1. All the users must register their names while entering the library using their Bar-coded ID cards.
2. ID cards are not transferable. Members are responsible for the books borrowed on their ID cards.
3. ID card has to be produced at the time of borrowing books.
4. The books borrowed have to be returned on or before the due date. Defaulters have to pay the prescribed fine for each book.
5. Loss of ID card should be reported immediately to the Librarian in writing.
6. As library is meant for silent reading and reference, the users are expected to maintain the same.
7. Personal belongings, text books and any printed materials cannot be taken inside the library. However, plain white sheets are allowed to take relevant notes.
8. Strict discipline must be maintained in the Library.
9. Students are instructed to handle books and reading materials very carefully. Marking in library books with pencil or ink, tearing the pages or spoiling the same in any other way will be viewed very seriously.
10. Damage to the properties inside the library will fetch a penalty – twice the cost of the materials.
11. Users should switch off the lights and fans when not required or while leaving the reading hall.
12. Users are expected to keep the library and the campus neat and tidy.

Salient Features

- Library receives requisitions from all the departments for new books and those books are purchased properly during the academic year with the approval of Library Advisory Committee. New arrivals are available in the library web page for reference.
- Book Exhibitions are conducted in every year for purchase of library books.
- Stock verification is usually carried out at the end of the year and after verification, further process is initiated to purchase missing books.
- Library Orientation programs are conducted for the first year students to know about the holdings and usage of the library resources. Also students are motivated to develop their reading skills.
- Notice Board is kept at the entrance of the library and importance news cuttings was displayed at regular interval.
- Regular library users are appreciated with prizes during the college day celebrations.

